Interim Report
Further Site Investigation #4
Hurricane Road Industrial Development / Former Houghland Tomato Cannery
1130 East Eastview Drive
Franklin, Indiana
IDEM Site Identification Number 2013-34567
Patriot Project No.: 20-0963-01E

Prepared For:
Indiana Department of Environmental Management
Office of Land Quality - State Cleanup Section
100 North Senate Avenue
ICGN, Room 1101
Indianapolis, Indiana 46204-2251
Attention: Tim Johnson

Prepared By:
Patriot Engineering and Environmental, Inc.
6150 East 75th Street,
Indianapolis, Indiana 46250

February 17, 2021

PATRIOT ENGINEERING
and ENVIRONMENTAL, Inc.
Engineering Value for Project Success

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RE: Interim Report
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Dear Mr. Johnson,

Patriot Engineering and Environmental, Inc. (*Patriot*) is pleased to submit this Interim Report for the Further Site Investigation #4 (FSI #4) currently being performed at the above-referenced Site. The FSI #4 is being conducted in response to a directive from the Indiana Department of Environmental Management (IDEM) that further investigation of the Hurricane Road Industrial Development (HRID) property be conducted.

If you have any questions or comments regarding this report, please do not hesitate to contact Mike Casper at (317) 576-8058 or mcasper@patrioteng.com.

Respectfully submitted,

Patriot Engineering and Environmental, Inc.

James J. Cody
Project Engineer
Environmental Division

Michael F. Casper, LPG
Principal
Chief Environmental Consultant

INTERIM REPORT - FURTHER SITE INVESTIGATION
#4 HURRRICANE ROAD INDUSTRIAL DEVELOPMENT /
FORMER HOUGHLAND TOMATO CANNERY
1130 E. EASTVIEW DRIVE
FRANKLIN, INDIANA
PATRIOT PROJECT NUMBER 20-0963-01E

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1130 E. EASTVIEW DRIVE
FRANKLIN, INDIANA
IDEM SITE IDENTIFICATION NUMBER 2013-34567
PATRIOR PROJECT NUMBER 20-0963-01E

1.0 INTRODUCTION

Patriot Engineering and Environmental, Inc. (*Patriot)* was retained by Kroger, Gardis & Regas, LLP on behalf of Hurricane Road Industrial Development, LLC (HRID) to conduct a Further Site Investigation #4 (FSI #4) of the HRID property located at 1130 East Eastview Drive in Franklin, Indiana (henceforth referred to as the Site). The location of the Site is depicted on the Site Location Map included as Figure 1 in Appendix A, while the layout of the Site is depicted on the Site Layout Map included as Figure 2 in Appendix A. The FSI #4 was conducted in response to a Further Site Investigation Review letter from the Indiana Department of Environmental Management (IDEM) dated February 6, 2020 requiring further investigation of soil and groundwater conditions on the Site, and in accordance with the Work Plan for Further Site Investigation #4 (Patriot Project #20-0963-01E, August 7, 2020) (FSI #4 Work Plan) that was approved by IDEM on October 20, 2020.

This Interim Report documents the activities conducted during the FSI #4 thus far and describes the upcoming work planned to complete the FSI #4. A final FSI #4 report will be issued once further investigative tasks at the Site have been completed.

2.0 SITE BACKGROUND

2.1 Site Description

The Site is a portion of the former Houghland property, a former tomato canning operation, that was subsequently divided into two properties. Mr. Robert Clawson, doing business as HRID, owns the eastern portion of the former Houghland property at 1130 E. Eastview Drive (IDEM Site Identification Number 2013-42015). Mr. Clawson leases the buildings on the property to various commercial tenants.

2.2 Chemicals of Concern

Investigations performed at the Site have revealed the presence of volatile organic compounds (VOCs) in both soil and groundwater. The chemicals of concern (COCs)

present at the Site are primarily the VOCs tetrachloroethene (PCE) and trichloroethene (TCE), with lesser amounts of cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride.

2.3 Further Site Investigation Background

Patriot has conducted several investigations at the Site, including a Further Site Investigation (FSI) in August and September 2016 (*Patriot* Project Number 16-1158-01E), an Additional Site Investigation (ASI) in July 2017 (*Patriot* Project Number 17-0995-01E), a FSI #2 in April through June 2018 (*Patriot* Project Number 18-0449-01E) and FSI #3 in January 2019 (*Patriot* Project Number 19-0096-01E). The final FSI #3 report was issued to IDEM on December 3, 2019. The IDEM reviewed the FSI #3 report and issued its Further Site Investigation Review Letter dated February 6, 2020. The letter stated that "Additional characterization of the chlorinated organic plume of contamination must be conducted to the east and southeast of the established perimeter of the identified contamination". IDEM's comments for the HRID property are provided below, followed by a summary of the activities conducted by *Patriot* during this FSI #4 to address the comments.

IDEM Comment #1: IDEM agrees with Patriot's conclusion that the clay at the base of the upper water bearing unit is not a source of ongoing groundwater impacts.

> *Patriot* did not analyze samples from the clay at the base of the upper water bearing unit during the FSI #4 investigation.

IDEM Comment #2: Patriot provided figures for the shallow and deep trichloroethene (TCE) plumes for early March 2019 but not late March 2019. Using the data and the figures Patriot concludes that the shallow portion of the TCE plume is delineated but not the deeper portion. IDEM does not agree that the shallow portion is delineated. Based on the groundwater flow (Figures 8B and 8C) to the south-southeast and the concentrations present in monitoring wells MW-14 and MW-14D in the April 1, 2019 sampling event, additional delineation is needed southeast of monitoring wells MW-14 and MW-14D. To better evaluate groundwater flow and seasonal variation, the new monitoring wells must be permanent wells.

> *Patriot* installed paired shallow and deep monitoring wells MW-45/MW-45D to the southeast of monitoring wells MW-14 and MW-14D to fully delineate the shallow portion of the TCE plume. In addition, the groundwater sampling performed during this FSI #4 and the previous five groundwater samples collected between September 2013 and March 2019 revealed no detectable concentrations of TCE

at a laboratory reporting limit of 5 ug/L. These data strongly indicate that the concentrations of TCE and cis-1,2-DCE reported in MW-14 during the April 2019 sampling event are anomalous and are likely the result of a sampling error, and that the extent of shallow COC impacts is delineated to the southeast.

IDEM Comment #3: In addition to TCE, tetrachloroethene (PCE), cis-1,2-dichloroethene, (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride (VC) remain undefined to the east. Additional permanent wells must be installed to delineate contamination in that direction.

Following discussions with Tim Johnson of IDEM on the best approach to delineate COCs to the east, paired shallow and deep groundwater monitoring wells were installed on the east side of the adjacent agricultural field, west of Hurricane Creek. One well pair was installed to the east/northeast of the Site in the vicinity of the former Webb Wellfield production wells and the former water main, with three additional well pairs installed to the south between the former wellfield and Eastview Drive.

IDEM Comment #4: Figure 12 and Table 5 indicate the presence of TCE at the surface of the shallow aquifer at concentrations exceeding commercial vapor intrusion groundwater screening levels (VIGWSL) within the footprint of the gymnastics building on-Site. The gymnastics building has been evaluated for VI and TCE was not detected. Further evaluation of the VI pathway in the gymnastics building is warranted and has already begun.

The 1130 Eastview Drive building was occupied by the Indiana Gymnastics Center until it was vacated in or around March 2020. In July 2020, the building was occupied by Circle City Bargains Wholesale, who use the building for storage of liquidation merchandise from retailers and online stores. Based on these activities, the Remediation Closure Guide (RCG) Commercial/Industrial Indoor Air Screening levels and Soil Gas Sub Slab Screening Levels are applicable to the Site. Therefore, *Patriot* and IDEM agreed that further evaluation of the Vapor Intrusion (VI) pathway in this building was not warranted at this time.

3.0 SITE INVESTIGATION ACTIVITIES

3.1 Potential COC Source Area Investigation

Based on the presence of elevated sub-slab TCE soil gas concentrations beneath the floor of the Crossroads Recycling building on the Site and further evaluation of

groundwater analytical data and flow directions, it was determined that a source of COC impacts may exist under the floor or in the immediate vicinity of the Crossroads Recycling building. To evaluate this potential COC source area *Patriot* advanced 14 borings inside of or immediately adjacent to the Crossroads Recycling building to collect soil samples for field screening and laboratory analysis. The sampling was performed in accordance with standard IDEM protocols for environmental investigations. The boring locations are shown on Figure 3 in Appendix A. The proposed work plan called for the installation of 18 borings, but site conditions including concrete greater than 30 inches thick in the northern portion of the building prohibited advancing borings in this location.

A Geoprobe® direct push technology rig was used to advance the borings to the desired depths to determine whether VOC impacted soil resulting from unknown historic activities at the Site is present that may be a source of the groundwater impacts at the Site. Twelve borings were advanced to a depth of 10 feet below ground surface (bgs). One exterior boring and one interior boring were advanced to the first occurrence of groundwater to document soil lithology for installation of groundwater monitoring wells.

At each boring location, the Geoprobe® was used to collect continuous soil samples in 5-foot increments from the ground surface to the base of the boring using a 2-inch diameter, stainless steel, dual core barrel sampler equipped with a polyvinyl chloride (PVC) liner. A new PVC liner was used for each sample collection. The lithology of each soil sample was visually classified according to the Unified Soil Classification System and field screened for odor, staining and the presence of VOCs by headspace analysis using a photoionization detector (PID). Headspace analysis was conducted by placing a portion of the sample in a sealed zip-lock plastic bag and allowing the sample to equilibrate for approximately 5 to 10 minutes. The PID was used to measure the concentration of total photoionizable vapors (TPVs) emitted from the sample. The soil lithology and field screening results were recorded on soil boring logs in the field. Copies of the boring logs are included in Appendix C. One soil sample from each boring that exhibited the greatest potential for contamination based on PID screening, staining, odors, or other field evidence was collected for laboratory analysis. All reusable equipment coming into contact with the samples designated for analysis were decontaminated before and during use by cleaning with non-phosphate detergent wash and distilled water rinses.

Upon completion, the borings were backfilled with soil cuttings and bentonite chips and the borings inside the building were finished with a concrete plug flush with the existing floor.

The soil samples designated for laboratory analysis were collected using the methanol preservation method in accordance with United States Environmental Protection Agency (U.S. EPA) SW-846 Method 5035 (i.e., Terra Core samplers). The sample containers were labeled and placed on ice in a cooler for delivery to Pace Analytical Services, Inc (Pace) in Indianapolis, Indiana for VOC analysis using U.S. EPA SW-846 Method 8260. Quality assurance / quality control (QA/QC) procedures include submitting one blind duplicate sample and one trip blank sample in accordance with IDEM requirements. The analytical results were used to determine the optimal locations for installation of groundwater monitoring wells inside the building and on the north, west, and southeast sides of the building to assist in determining whether an additional groundwater COC source is present.

During the potential COC source area investigation, it was discovered that at least two subsurface vaults that had been backfilled with sand were present beneath the floor of the Crossroads Recycling building. The vaults were located on the northeast side of the front (south) half of the building, in the vicinity of the building's office area where elevated concentrations of TCE have been detected in the indoor air. Headspace analysis of the sand samples obtained from the vaults and PID monitoring of the open holes and a sub-slab void in one of the borings indicated the sand is impacted with VOCs. Further discussion of the sub-slab vaults in the Crossroads Recycling building is provided in Section 5.0 of this report.

Since the field monitoring revealed no evidence of significant COC impacts in the soil beneath the building other than in the sub-slab vaults, *Patriot* elected to collect groundwater grab samples from four borings (B-14 thorough B-17) south and downgradient of the vaults to determine if the apparent VOC impacts in the vaults were resulting in groundwater impacts. The groundwater grab samples were obtained by installing a 1-inch diameter temporary monitoring well in the Geoprobe® borings and collecting the groundwater samples using plastic tubing equipped with bottom check valves. The groundwater sample containers were labeled and placed on ice in a cooler for delivery to Pace VOC analysis using U.S. EPA SW-846 Method 8260. The groundwater analytical results were used to assist in determining the optimal locations of groundwater monitoring wells inside and south of the building.

3.2 Groundwater Monitoring Well Installation

Patriot mobilized to the site between November 2 and November 13, 2020 to install 16 paired well sets. Due to the vertical distance between the shallow and deep well screens in off-site monitoring wells MW-46/MW-46D and MW-47/MW47D installed adjacent to

Hurricane Creek, Patriot elected to install an intermediate depth well at each of these two locations, which resulted in the installation of 34 wells at the 16 locations. Each paired well set consisted of a shallow well installed at the groundwater interface and a deeper well installed at the top of the clay confining layer that is laterally continuous across the Site and extends off-site. Previous investigations have shown that the top of the clay layer deepens in an easterly direction across the Site. The new and existing on-Site monitoring well locations are shown on Figure 4 and the new and existing off-Site monitoring well locations are shown on Figure 5, both of which are provided in Appendix A.

A hollow stem auger rig equipped with dual core samplers was used to advance each of the deeper borings to a depth where the clay unit underlying the surficial sand and gravel aquifer was encountered. The sampling was performed in accordance with standard IDEM protocols for environmental investigations. All reusable equipment coming into contact with the samples designated for analysis was decontaminated before and during use by cleaning with non-phosphate detergent wash and distilled water rinses. Soil samples were obtained using a 2-inch diameter, stainless steel, dual core barrel sampler equipped with a PVC liner that was hydraulically pushed to the desired depth. The inner barrel was recovered with a continuous soil sample within the PVC liner inside the barrel. A new PVC liner was used for each sample collection. Subsequent samples were collected by advancing the sampler to the deeper target zone.

Following collection, the lithology of each soil sample was visually classified in accordance with the Unified Soil Classification System and the sample was field screened for odor, staining, and the presence of volatile organic vapors by headspace analysis using a PID as previously described. The soil lithology and field screening results were recorded on soil boring logs in the field. Two soil samples were collected for laboratory analysis from each boring at the depth intervals above and below the groundwater table that were determined to have the greatest potential for COC impacts. The analytical results were used for characterization of the investigation-derived waste soil. The soil samples were collected using the methanol preservation method in accordance with SW-846 Method 5035. The sample containers were labeled, placed on ice in a cooler, and delivered to Pace using chain-of-custody controls. The soil samples were analyzed for VOCs using U.S. EPA SW-846 Method 8260. Since the samples were used for waste characterization purposes, no duplicate or matrix spike/matrix spike duplicate (MS/MSD) samples were collected.

After the clay unit was encountered, the dual tube sampling equipment was removed, and a deep monitoring well was installed through the hollow-stem augers in each of the 16

boring locations. Each deep monitoring well was constructed using a 5-foot length of 2-inch inside diameter (ID), 0.010-inch slotted PVC screen that was set at the top of the clay unit. A sufficient length of 2-inch ID PVC riser to reach the ground surface was attached to the well screen. A sand pack was placed around the well screen to a height of approximately 1 foot above the well screen. A minimum 1-foot thick hydrated bentonite seal was placed above the sand pack and the remaining annular space was filled with bentonite chips to just below the ground surface.

After completion of each deep well, a paired shallow monitoring well was installed adjacent to the deep well. The borings for the shallow wells were blank drilled to a depth of approximately 5 feet below the groundwater table using hollow stem augers based on the stratigraphy obtained from the deep borings. Each shallow well was constructed using a 10-foot long section of 2-inch ID, 0.010-inch slotted PVC screen that was positioned so that it intersects the water table and sufficient lengths of 2-inch ID PVC riser to reach the ground surface. A sand pack was installed to a height of at least 1 foot above the top of the well screen. A minimum 1-foot thick hydrated bentonite seal was placed above the sand pack and the remaining annular space was sealed with hydrated bentonite chips to just below the ground surface.

An intermediate depth well was installed at well locations MW-46 and MW-47. The intermediate depth wells were constructed using a 5-foot length of 2-inch ID, 0.010-inch slotted PVC screen that was set at a depth approximately midway between the shallow and deep wells.

The wells were completed with either flush-mounted, steel protective covers set in concrete pads or above grade, steel protective covers set in a concrete collar. The top-of-casing elevations for the new wells were surveyed to the same datum as the existing monitoring well network by an Indiana-licensed surveyor and used in determining groundwater flow characteristics.

To ensure good hydraulic connectivity between the well bore and the surrounding soil, the wells were developed by pumping until clear formation water was obtained. The development water and any decontamination water were placed in 55-gallon drums and stored on Site pending characterization and disposal. Soil cuttings generated during the drilling activities were placed in lined and covered roll-off containers pending waste characterization and disposal.

Copies of the boring logs and well construction diagrams are included in Appendix C.

3.3 Monitoring Well Sampling

Patriot mobilized to the site between November 16 and November 20, 2020 to collect groundwater samples from the entire monitoring well network at the Site. The monitoring well network included the 34 new wells and 28 existing wells (MW-10, MW-11, MW-11D, MW-12, MW-12D, MW-13, MW-14, MW-14D, MW-15, MW-15D, MW-16, MW-20, MW-21, MW-22, MW-22D, MW-23, MW-24, MW-25, MW-26. MW-27, MW-28, MW-29, MW-29D, MW-30, MW-31, MW-32, MW-33 and MW-33D). Existing monitoring wells MW-17, MW-18 and MW-19 were gauged but not sampled. MW-17 is located near the northeast corner of the Site and has two wells with no historic COC impacts (MW-16 and MW-28) between it and the area of groundwater impacts. MW-18 and MW-19 are located on properties west of the adjacent Reed property and are upgradient of the groundwater impacts present at the Site. Monitoring wells MW-23 and MW-29 did not contain a sufficient quantity of water to retrieve a groundwater sample.

Prior to sampling, each monitoring well was gauged using an electronic water level meter. The depth to groundwater and total well depth from the surveyed top-of-casing was measured to the nearest 0.01 foot at each well. The water level probe and tape were decontaminated with a non-phosphate detergent wash and distilled water rinses after use at each well to prevent cross contamination. The depth to groundwater measurements were recorded in a field log and used to calculate groundwater elevations to evaluate groundwater flow conditions at the Site.

Groundwater sampling was conducted using low flow procedures in accordance with the low-flow sampling method outlined in the IDEM Micro-Purge Sampling Option Technical Guidance Document (June 3, 1998, revised November 3, 2009). Low flow sampling causes minimal drawdown of the water level within the well thus limiting the volatilization of VOCs or the introduction of sediment into the sample. To conduct the low flow sampling, *Patriot* placed a small diameter, submersible pump into the well fitted with dedicated tubing that reached above the ground surface. The well was pumped at a rate ranging between 50 to 200 milliliters per minute (ml/min), and the static water level within the well was monitored to ensure that drawdown was limited to 0.1 meter or less. The groundwater removed from the well was pumped through a flow-through cell equipped with a water quality meter that measured water temperature, pH, specific conductivity, oxidation-reduction potential (ORP), turbidity and dissolved oxygen (DO). Stabilization of these water quality parameters (e.g., consecutive readings within 10 percent of the previous reading) indicate that the water being withdrawn from the well was representative of the actual groundwater conditions and the groundwater sample can be collected. The groundwater samples were collected by disconnecting the discharge

tubing from the flow-through cell and filling 40 milliliter (ml) glass vials with Teflon-lined septa directly from the discharge tubing. The groundwater sampling activities including the field measurements specified above were recorded and documented on field sampling forms that will be included in the final FSI #4 report . The sample containers were labeled, placed on ice in a cooler, and delivered to Pace under chain-of-custody controls. The sampling purge water was placed in sealed 55-gallon drums and stored on-site pending characterization and disposal.

QA/QC procedures included the collection and analysis of one duplicate sample and one MS/MSD sample per every 20 samples and one trip blank per cooler of samples delivered to the laboratory.

4.0 INVESTIGATION RESULTS

4.1 Source Area Analytical Results

One soil sample was collected at each boring and submitted for laboratory VOC analysis. The analytical results were compared to the IDEM RCG Soil Migration to Groundwater Screening Levels (MTGSLs), Residential Direct Contact Screening Levels (RDCSLs), Commercial/Industrial Direct Contact Screening Levels (IDCSLs), and Excavation Worker Direct Contact Screening Levels (EDCSLs). The source area soil analytical results are summarized on Table 2 in Appendix B and are plotted on the Source Area Soil Analytical Results Map included as Figure 3 in Appendix A. The soil analytical laboratory results and chain-of-custody forms are provided in Appendix D.

No COCs were detected at concentrations exceeding RCG screening levels in any of the seven borings advanced in the wooded area to the north of the Crossroads Recycling building (borings B-1 through B-7). Three of seven borings did contain TCE at concentrations exceeding the laboratory detection limits but below the RCG screening levels.

TCE was detected in boring B18 (8-10) at a concentration of 149 mg/kg which exceeds the RCG EDCSL and in B13 at a concentration of 16 mg/kg which exceeds the RCG RDCSL. Borings B18 and B13 were advanced into the sub-slab vaults located inside the open warehouse section of the Crossroads Recycling building in close proximity to the office space. TCE was also detected in borings B12, B14, B16 and B17 at concentrations exceeding the RCG MTGSL but below the RCG RDCSL. PCE was detected in borings B13, B16, B17 and B18 at concentrations exceeding the RCG MTGSL.

Groundwater grab samples were collected from four boring locations inside the Crossroads Recycling building. These four groundwater grab sample locations are shown on the Source Area Soil Analytical Results Map included as Figure 3 in Appendix A. The groundwater grab sample analytical laboratory results and chain-of-custody forms are provided in Appendix D. TCE was detected in the groundwater sample collected from boring B14 at a concentration of 10.7 ug/l which exceeds the RCG Residential Vapor Intrusion from Groundwater Screening Level (VIGWSL). No other VOC constituents were detected in the groundwater sample from boring B14 and no VOC constituents were detected in the groundwater samples collected from borings B-15, B-16, or B-17.

4.2 FSI #4 Groundwater Results

4.2.1 Groundwater Flow Data

Groundwater elevation data are provided in Table 4 and the shallow groundwater elevations were plotted on the groundwater potentiometric surface map included as Figures 6. The flow direction in both shallow and deeper groundwater is generally to the south across the northern half of the Site, to the southeast on the southern half of the Site, and to the southeast or east on the adjacent agricultural field.

4.2.2 Groundwater Analytical Results

Groundwater samples were collected from the entire monitoring well network during the FSI #4. The analytical results were compared to RCG Residential Tap Water Screening Levels (TWSLs) and the RCG Residential and Commercial/Industrial VIGWSLs where established. The groundwater analytical results from this investigation and historic investigations and the corresponding RCG Screening Levels are summarized on Table 5 in Appendix B and on Figures 7A and 7B in Appendix A. The groundwater analytical laboratory reports and chain of custody forms are included in Appendix E.

PCE, TCE, cis-1,2-DCE, trans-1,2-DCE and vinyl chloride were COCs detected in the groundwater samples collected during this FSI #4. PCE impacts are present in shallow and deep groundwater on the southeastern and south-central portions of the Site, downgradient of a small, wooded area that straddles the western portion of the HRID property and the eastern portion of the adjacent Reed property. PCE was not detected in any of the wells on the adjacent agricultural property to the east. The aerial extents of PCE impacts in the shallow and deep groundwater are shown on Figures 8 and 9, respectively, in Appendix A. The highest PCE concentrations exceed the RCG Industrial VIGWSL and were reported in samples from shallow groundwater monitoring well MW-30, which is located immediately downgradient of the small, wooded area. The PCE concentrations in shallow groundwater decrease in downgradient and cross-gradient

directions to the north, east and south. PCE concentrations in the deep groundwater are generally lower than the concentrations encountered in the shallow groundwater. The area of PCE impacts in the deep groundwater is of the same general shape and size as the area of PCE impacts in the shallow water but is located slightly farther east (downgradient). The lateral extent of the PCE impacts appears to be delineated in both the shallow and deep groundwater and PCE impacts are limited to the Site. The highest PCE concentrations in the deeper groundwater exceed the RCG TWSL but are below the RCG Residential VIGWSL.

TCE impacts are present in the shallow and deep groundwater extending from the far eastern portion of the Reed property onto the adjacent agricultural property to the east of the Site, with the highest TCE concentrations exceeding the RCG Commercial/Industrial VIGWSL in both shallow and deep groundwater. The aerial extents and general concentrations of TCE impacts in the shallow and deep groundwater are shown on Figures 10 and 11, respectively, in Appendix A. The highest TCE concentrations in the shallow groundwater on the western portion of the Site are located in roughly the same area as the shallow PCE impacts discussed above. The TCE concentrations decrease in a downgradient (eastern) direction until the southeastern portion of the Site where the TCE concentrations then begin increasing to the east (downgradient) and onto the adjacent agricultural property. The extent of TCE impacts in the shallow groundwater has been defined and extends approximately 400 feet onto the agricultural property to the east of the Site. The TCE plume in the deep groundwater is in the same general location as the TCE plume in the shallow groundwater. The TCE concentrations in the deep groundwater plume appear to extend across the agricultural field as TCE was detected in monitoring wells installed in the vicinity of the former Webb Wellfield production wells. TCE was detected in MW-46D at a concentration of 35.7 ug/l which exceeds the RCG Residential VIGWSL. TCE was not detected in any other monitoring well installed on the east side of the adjacent agricultural field.

Cis-1,2-DCE impacts are primarily present in the deep groundwater on the far eastern (downgradient) edge of the Site and on the adjacent agricultural property. Cis-1,2-DCE was reported at concentrations exceeding the RCG TWSL in samples from existing monitoring wells MW-15D and MW-29D, and from new monitoring wells MW-40and MW-42D 0. The aerial extent of cis-1,2-DCE impacts in the deep groundwater is shown on Figure 12 in Appendix A. Cis-1,2-DCE was detected in MW-46D, MW-46I, and MW-47D, located on the east side of the adjacent agricultural field, at concentrations exceeding the laboratory detection limits but below the RCG screening levels.

Trans-1,2-DCE was detected at concentrations above the RCG TWSL in samples from newly installed shallow monitoring well MW-40. Vinyl chloride was detected at concentrations above the RCG TWSL in samples from new shallow monitoring wells MW-39, MW-40, and MW-41. Trans-1,2-DCE and vinyl chloride impacts above the RCG Screening Levels are limited in extent and contained on-Site.

A comprehensive interpretation of the data generated during the FSI #4 will be included in the final report documenting all the FSI #4 activities.

5.0 SOURCE AREA SUBSURFACE VAULTS INVESTIGATION

During the soil investigation performed inside the Crossroads Recycling building as part of the FSI #4, *Patriot* encountered at least two sub-slab vaults that had been backfilled with sand. A void between the building floor (top of the vault) and the fill sand in one boring allowed *Patriot* to observe the interior of one vault using a video camera. The vault is constructed of concrete walls with steel beams supporting the reinforced concrete at the top of the vault. The north, east and west sidewalls of the vault could be observed but fill sand reached the top of the vault to the south and the southern extent of the vault could not be determined. Based on information from the subsurface investigation and the video inspection, it appears that the vault is approximately 9 feet wide, 15 feet deep, and greater than 10 feet in length. A second boring advanced approximately 10 feet east of the vault encountered fill sand to a depth of 15 feet below grade where refusal was encountered at the same depth as the floor of the verified vault, indicating that a sub-slab vault is present at this location also.

The investigation also revealed that the fill sand in the two vaults has been impacted with PCE and TCE which are the same contaminants discovered in groundwater at the Site and in indoor air and sub-slab soil gas within the Crossroads Recycling building. It was discovered that the sub-slab soil gas sampling port that has exhibited the highest concentrations of sub-slab soil gas beneath the building is installed through the concrete floor and into the void space in one of the vaults. On January 14, 2021, Patriot and Prism GeoImaging (Prism) performed a geophysical investigation in an attempt to identify the number, position, and orientation of underground vaults beneath the floor of the Crossroads Recycling building. Prism utilized a Sensors & Software Noggin SmartCart ground penetrating radar (GPR) system which is designed to detect electromagnetic (EM) contrasts in the subsurface via a transmitting antenna and receiving antenna. The transmitted EM waves are reflected by any dielectric disconformity in the subsurface (soil type boundary, buried metal tanks, utility lines and trenches) and give “peaks” in the received signal at the GPR. With the investigation focused on locating the potential

vaults, two different frequencies of antenna were utilized in the investigation; a 500 megahertz (MHz) for increased shallow resolution, with less penetration (more ideal for concrete sidewalls), and a 250 MHz antenna for decreased fine resolution but better depth penetration (for overall vault detection and potential bottom location). The GPR investigation was conducted by making successive scans over the suspect area in generally east-west and north-south lines viewing the real-time digital video logger to confirm signal. An external Global Positioning System (GPS) logger was also utilized to provide a digital map of the open areas covered during investigation and to aid in the generation of response images.

The GPR investigation identified at least two vaults beneath the floor of the building. Due to space constraints caused by equipment, materials and structures within the building and equipment limitations (interference from denser metal nearby, width of the wheeled cart), the actual dimensions of the vaults could not be determined. The GPR investigation revealed that the eastern vault extends beneath the office area and the western vault has lateral steel support beams that run in a roughly east-west direction and are spaced approximately 3 to 3.5 feet apart in a north-south direction.

6.0 PROPOSED ADDITIONAL ACTIVITIES

Patriot will perform an additional round of groundwater sampling in which all the monitoring wells installed during the FSI #4 will be re-sampled to confirm the findings of the initial groundwater sampling event. The two rounds of groundwater sampling from the newly installed wells will be used to determine whether additional monitoring wells need to be installed at the Site. It is anticipated that the second round of groundwater sampling will be conducted during late February or Early March 2021. In addition, *Patriot* will perform an additional investigation of the vaults located underneath the Crossroads Recycling building. A greater understanding of the number, size and location of these vaults will be necessary for *Patriot* to provide recommendations for remediation of the fill sand within the vaults and on potential vapor mitigation remedies inside the Crossroads Recycling building. The above tasks will be documented, and a full interpretation of the data will be included in the final report documenting all the FSI #4 activities. IDEM will be notified at least 2 weeks prior to conducting any field work.

If you have any questions or comments regarding this submittal, or require any additional information, please do not hesitate to contact Michael Casper (317) 576-8058 or mcasper@patrioteng.com.

Sincerely,

Patriot Engineering and Environmental, Inc

.

James J. Cody
Project Engineer
Environmental Group

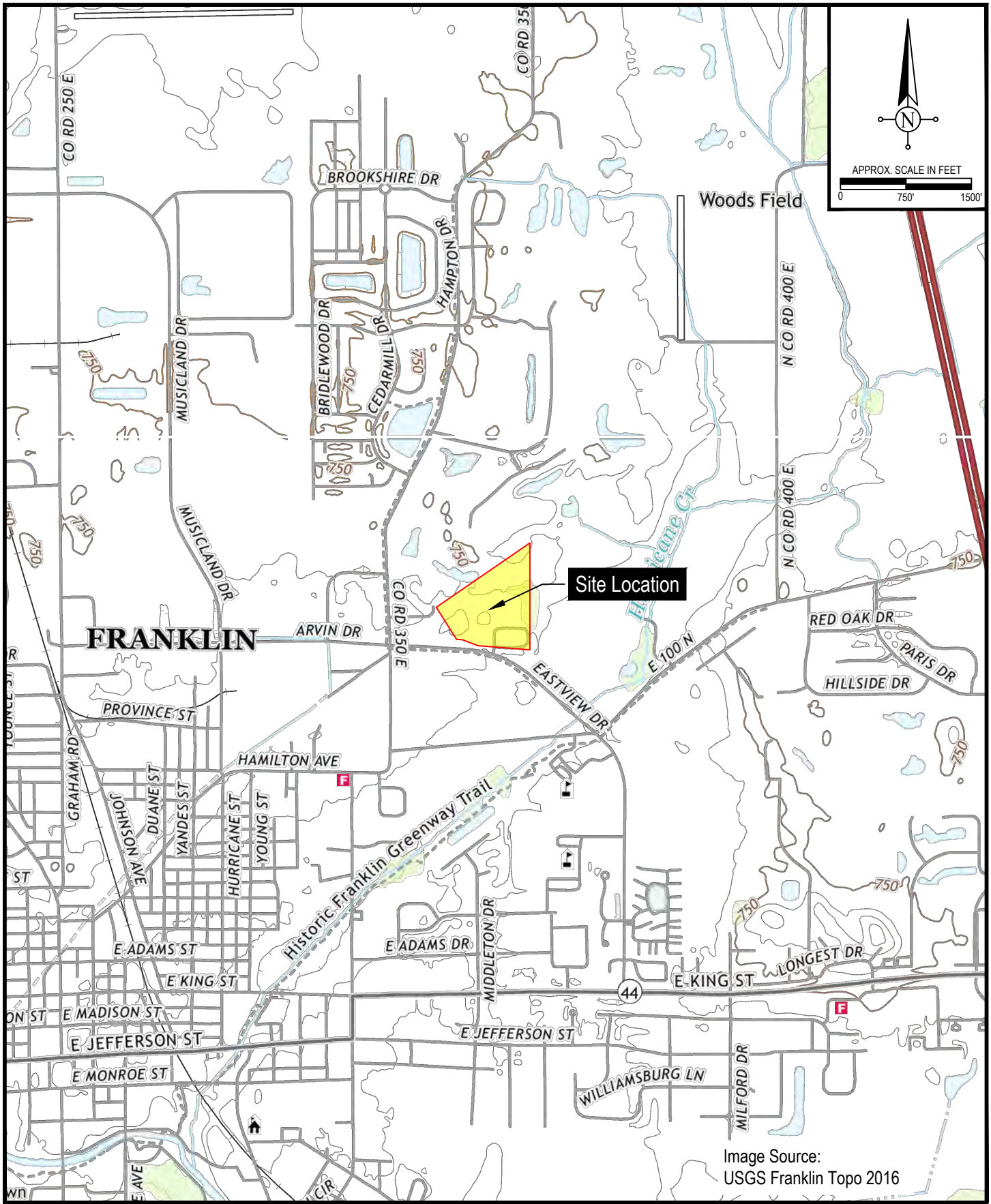
Michael F. Casper, LPG
Principal
Chief Environmental Consultant

Attachments

Cc: Greg Cafouros, Kroger Gardis & Regas
Charles Goodwin, Ramboll Environ

APPENDIX A

FIGURES



Patriot Engineering & Environmental, Inc.

Project: Former Houghland Tomato Cannery FSI #4 1130 E. Eastview Drive Franklin, Indiana IDEM Identification No. 2013-34567	
	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: M. Casper
Date: August 7, 2020	DWG: 20-0963-01_Ph2

Figure 1

Site Location Map

Patriot Engineering & Environmental, Inc.

LEGEND

Site Boundary

Patriot Monitoring Well Location

Project: Former Houghland Tomato Cannery FSI #4 1130 E. Eastview Drive Franklin, Indiana IDEM Identification No. 2013-34567	
	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: J. Cody
Date: January 4, 2021	DWG: 20-0963-01_FSI4

Figure 2

Site Layout Map

Golf Course

Pinnacle Towers Acquisition, LLC

Crossroads Recycling

Reed Mfg.

Hurricane Road

Grass
Woods
Stone
Bldg.
Conc.

Sample ID	B3 (3-5)
Date Collected	10/28/2020
All VOCs	BRL

Sample ID	B6 (0-2)
Date Collected	10/28/2020
Trichloroethene	0.025
All Remaining VOCs	BRL

Sample ID	B2 (7-8)
Date Collected	10/28/2020
All VOCs	BRL

Sample ID	B7 (7-8)
Date Collected	10/28/2020
All VOCs	BRL

Sample ID	B1 (7-9)
Date Collected	10/28/2020
All VOCs	BRL

Sample ID	B5 (5-6)
Date Collected	10/28/2020
Trichloroethene	0.0061
All Remaining VOCs	BRL

Sample ID	B13
Date Collected	10/29/2020
Tetrachloroethene	0.093
Trichloroethene	16
cis-1,2-Dichloroethene	0.045
All Remaining VOCs	BRL

Sample ID	B4 (7-9)
Date Collected	10/28/2020
Trichloroethene	0.014
All Remaining VOCs	BRL

Sample ID	B18 (8-10)
Date Collected	10/29/2020
Tetrachloroethene	4.3
Trichloroethene	149
All Remaining VOCs	BRL

Sample ID	B12(5-7)
Date Collected	10/29/2020
Tetrachloroethene	0.035
Trichloroethene	0.17
All Remaining VOCs	BRL

Sample ID	B14 GW
Date Collected	10/30/2020
Trichloroethene	10.7
All Remaining VOCs	BRL

Sample ID	B17 GW
Date Collected	10/30/2020
All VOCs	BRL

Sample ID	B14 (8-10)
Date Collected	10/29/2020
Tetrachloroethene	0.036
Trichloroethene	0.97
All Remaining VOCs	BRL

Sample ID	B17 (7-9)
Date Collected	10/29/2020
Tetrachloroethene	0.052
Trichloroethene	0.18
All Remaining VOCs	BRL

Sample ID	B15 (4-5)
Date Collected	10/29/2020
Tetrachloroethene	0.015
Trichloroethene	0.028
All Remaining VOCs	BRL

Sample ID	B16 GW
Date Collected	10/30/2020
All VOCs	BRL

Sample ID	B15 GW
Date Collected	10/30/2020
All VOCs	BRL

Sample ID	B16 (7-9)
Date Collected	10/29/2020
Tetrachloroethene	0.083
Trichloroethene	0.17
All Remaining VOCs	BRL

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-12 B-13 B-14 B-15 B-16 B-17 B-18

APPROX. SCALE IN FEET
0 20 40

GROUNDWATER LEGEND

Notes
All results reported in micrograms per liter (ug/L)
NE = No Screening Level Established for Constituent
NA = Sample not Analyzed for Constituent
BRL - Below Laboratory Reporting Limit
IDEM = Indiana Department of Environmental Management
RCG = Remediation Closure Guide
TWSL = Tap Water Screening Level
VESL = Vapor Exposure Screening Level

Constituent detected above Laboratory Reporting Limit
Constituent detected above IDEM RCG Residential TWSL's
Constituent detected above IDEM RCG Residential VESL's
Constituent detected above IDEM RCG Industrial VESL's

	IDEM RCG Residential TWSL's	IDEM RCG Residential VESL's	IDEM RCG Industrial VESL's
Trichloroethene	5	9.1	38

SOIL LEGEND

Notes
All results reported in milligrams per kilogram (mg/kg)
IDEM = Indiana Department of Environmental Management
RCG = Remediation Closure Guide
DCSL = Direct Contact Screening Level
MTGSL = Migration to Groundwater Screening Level

Constituent detected above Laboratory Reporting Limit
Constituent detected above IDEM RCG Residential DCSL's
Constituent detected above IDEM RCG Industrial DCSL's
Constituent detected above IDEM RCG Excavation DCSL's
Constituent detected above IDEM RCG Residential MTGSL's

	IDEM RCG Residential DCSL's	IDEM RCG Industrial DCSL's	IDEM RCG Excavation DCSL's	IDEM RCG Residential MTGSL's
Tetrachloroethene	110	170	170	0.045
Trichloroethene	5.7	19	95	0.036
cis-1,2-Dichloroethene	220	2,300	2,400	0.41

Patriot Engineering & Environmental, Inc.

LEGEND
Parcel Line
Clawson FSI4erty Boundary
Soil Boring Location

Project: Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: J. Cody
Date: February 17, 2021	DWG: 20-0963-01_FSI4

Figure 3

Source Area Analytical Results Map

Golf Course

Pinnacle Towers Acquisition, LLC

Read Mfg.

Hurricane Road Industrial Development

Agricultural

Eastview Drive

MW-10 MW-11 MW-11D MW-12 MW-12D MW-13 MW-14 MW-14D MW-15 MW-15D MW-16 MW-20 MW-21 MW-22 MW-22D MW-23 MW-24 MW-25 MW-26 MW-27 MW-28 MW-29 MW-29D MW-30 MW-31 MW-32 MW-33 MW-33D MW-34/34D MW-35/35D MW-36/36D MW-37/37D MW-38/38D MW-39/39D MW-40/40D MW-41/41D MW-42/42D MW-43/43D

TMW-1/1D TMW-2/2D TMW-3/3D

ABANDONED

Grass Woods Stone Conc. Bldg. Str. W GAS FO ?

APPROX. SCALE IN FEET
0 50 100

Patriot Engineering & Environmental, Inc.

LEGEND

- Parcel Line
- Clawson Property Boundary
- W Water Line
- GAS Gas Line
- FO Fiber Optic Line
- Patriot Monitoring Well Location
- NW-X Proposed Paired (Shallow & Deep) Monitoring Well Location
- Wooded area with fill and debris
- Approximate limit of COCs exceeding RCG Tap Water Screening Levels.
- Inferred limit of COCs exceeding RCG Tap Water Screening Levels due to lack of data.

Project: Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: M. Casper
Date: November 12, 2020	DWG: 20-0963-01_prop

Figure 4

On-Site
Proposed Monitoring Well
Location Map

Patriot Engineering & Environmental, Inc.

LEGEND

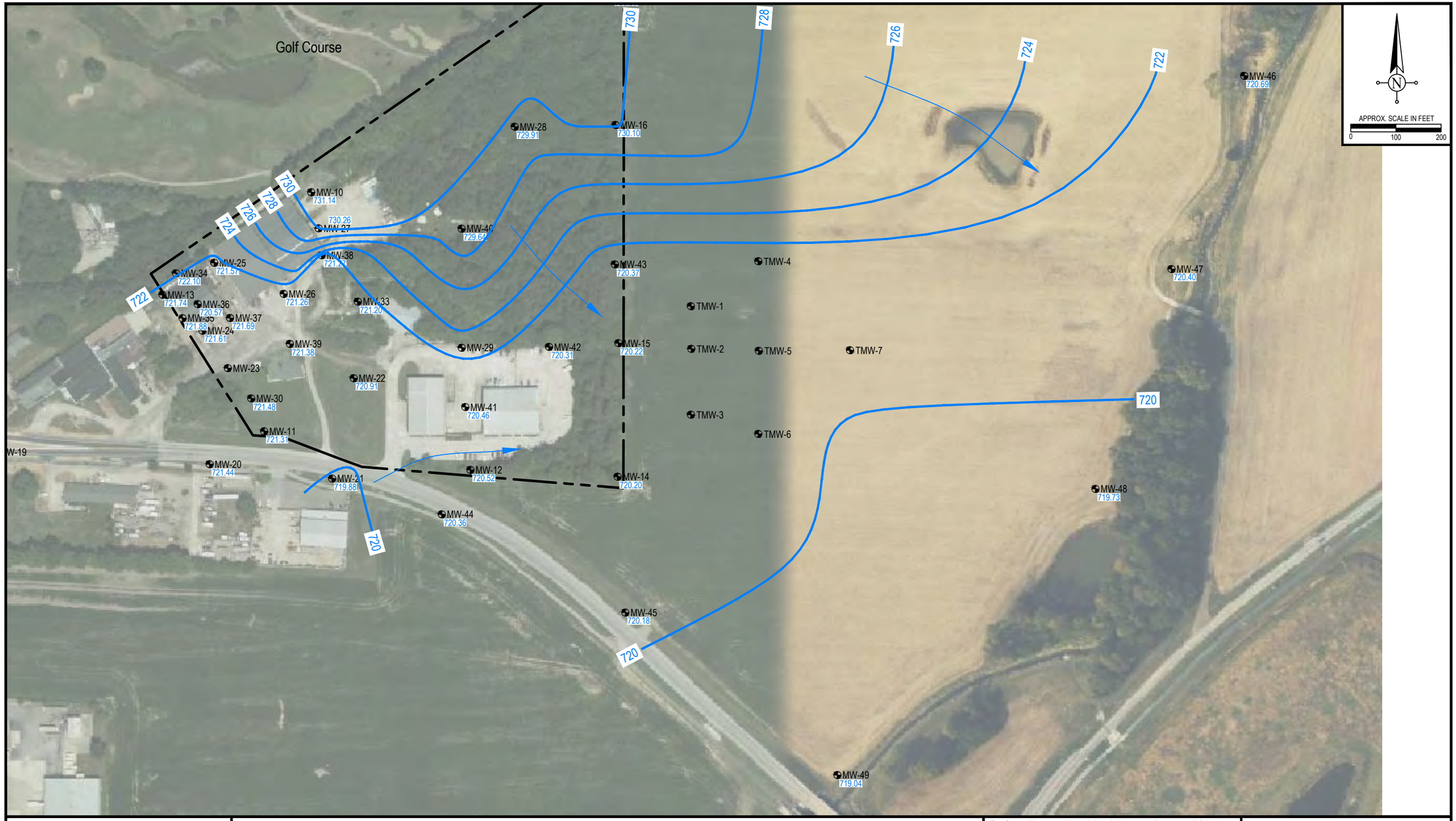
Clawson Property Boundary

NW-X Proposed Paired (Shallow & Deep) Monitoring Well Location

Project: Former Houghland Tomato Cannery FSI #4 1130 E. Eastview Drive Franklin, Indiana IDEM Identification No. 2013-34567	
	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: M. Casper
Date: November 12, 2020	DWG: 20-0963-01_prop

Figure 5

Proposed Offsite Monitoring Well Location Map



Patriot Engineering & Environmental, Inc.

LEGEND

- Site Boundary
- Patriot Monitoring Well Location
- 719.84 Groundwater Elevation (ft.)
- 719 Groundwater Elevation Contour Line
- Inferred Groundwater Contour Line
- Groundwater Flow Direction

Project: Former Houghland Tomato Cannery FSI #4 1130 E. Eastview Drive Franklin, Indiana IDEM Identification No. 2013-34567	
	Drawn By: J. DuMond
Project Number: 20-0963-01E	Approved: J. Cody
Date: January 11, 2021	DWG: 20-0963-01_FSI4

Figure 6A

Shallow Potentiometric Surface Map
November 16, 2020

Sample ID	MW-39
Date Collected	11/18/2020
Tetrachloroethene	8.0
Trichloroethene	12.4
Vinyl chloride	9.9
All Remaining VOCs	BRL

Sample ID	MW-10
Date Collected	11/16/2020
All VOCs	BRL

Sample ID	MW-26
Date Collected	11/17/2020
Tetrachloroethene	27.9
Trichloroethene	47.6
All Remaining VOCs	BRL

Sample ID	MW-27
Date Collected	11/16/2020
All VOCs	BRL

Sample ID	MW-32
Date Collected	11/16/2020
Tetrachloroethene	7.6
Trichloroethene	7.8
cis-1,2-Dichloroethene	8.2
All Remaining VOCs	BRL

Sample ID	MW-38
Date Collected	11/17/2020
Tetrachloroethene	47.6
Trichloroethene	35.1
All Remaining VOCs	BRL

Sample ID	MW-46
Date Collected	11/19/2020
All VOCs	BRL

Sample ID	MW-46I
Date Collected	11/19/2020
Trichloroethene	35.7
cis-1,2-Dichloroethene	43.1
All Remaining VOCs	BRL

Sample ID	MW-37
Date Collected	11/18/2020
Tetrachloroethene	23.8
Trichloroethene	23.5
All Remaining VOCs	BRL

Sample ID	MW-28
Date Collected	11/18/2020
cis-1,2-Dichloroethene	56.8
All Remaining VOCs	BRL

Sample ID	MW-16
Date Collected	11/18/2020
All VOCs	BRL

Sample ID	MW-25
Date Collected	11/16/2020
All VOCs	BRL

Sample ID	MW-40
Date Collected	11/18/2020
Trichloroethene	213
Vinyl chloride	4.1
cis-1,2-Dichloroethene	401
trans-1,2-Dichloroethene	640
All Remaining VOCs	BRL

Sample ID	MW-36
Date Collected	11/18/2020
Tetrachloroethene	11.9
Trichloroethene	39.2
All Remaining VOCs	BRL

Sample ID	MW-42
Date Collected	11/17/2020
Trichloroethene	258
All Remaining VOCs	BRL

Sample ID	MW-43
Date Collected	11/18/2020
All VOCs	BRL

SampleIdentification	TMW-4
DateCollected	3/8/2019
All VOCs	BRL

Sample ID	MW-47
Date Collected	11/19/2020
All VOCs	BRL

Sample ID	MW-34
Date Collected	11/18/2020
All VOCs	BRL

Sample ID	MW-13
Date Collected	11/17/2020
All VOCs	BRL

Sample ID	MW-33
Date Collected	11/17/2020
Tetrachloroethene	28.4
Trichloroethene	56.6
All Remaining VOCs	BRL

SampleIdentification	TMW-1
DateCollected	3/8/2019
Trichloroethene	14.9
All Remaining VOCs	BRL

SampleIdentification	TMW-7
DateCollected	03/05/2019
All VOCs	BRL

Sample ID	MW-47I
Date Collected	11/19/2020
cis-1,2-Dichloroethene	9.9
All Remaining VOCs	BRL

Sample ID	MW-35
Date Collected	11/18/2020
All VOCs	BRL

Sample ID	MW-24
Date Collected	11/16/2020
Tetrachloroethene	64.9
Trichloroethene	35.9
All Remaining VOCs	BRL

Sample ID	MW-15
Date Collected	11/18/2020
Trichloroethene	32.6
All Remaining VOCs	BRL

SampleIdentification	TMW-5
DateCollected	03/05/2019
Trichloroethene	311
All Remaining VOCs	BRL

Sample ID	MW-30
Date Collected	11/17/2020
Tetrachloroethene	636
Trichloroethene	214
All Remaining VOCs	BRL

Sample ID	MW-22
Date Collected	11/17/2020
Tetrachloroethene	11.8
Trichloroethene	68.7
All Remaining VOCs	BRL

Sample ID	MW-48
Date Collected	11/19/2020
All VOCs	BRL

Sample ID	MW-31
Date Collected	11/17/2020
Tetrachloroethene	13.3
All Remaining VOCs	BRL

SampleIdentification	TMW-6
DateCollected	03/05/2019
All VOCs	BRL

Sample ID	MW-20
Date Collected	11/16/2020
All VOCs	BRL

SampleIdentification	TMW-2
DateCollected	3/8/2019
Trichloroethene	106
All Remaining VOCs	BRL

Sample ID	MW-21
Date Collected	11/16/2020
All VOCs	BRL

Sample ID	MW-41
Date Collected	11/17/2020
Trichloroethene	400
Vinyl chloride	3.3
cis-1,2-Dichloroethene	6.3
All Remaining VOCs	BRL

SampleIdentification	TMW-3
DateCollected	3/8/2019
Trichloroethene	37.3
All Remaining VOCs	BRL

Sample ID	MW-11
Date Collected	11/17/2020
Tetrachloroethene	110
Trichloroethene	37.5
All Remaining VOCs	BRL

Sample ID	MW-44
Date Collected	11/19/2020
All VOCs	BRL

Sample ID	MW-12
Date Collected	11/17/2020
Trichloroethene	55.3
All Remaining VOCs	BRL

Sample ID	MW-45
Date Collected	11/19/2020
All VOCs	BRL

Sample ID	MW-49
Date Collected	11/19/2020
All VOCs	BRL

Notes
All results reported in micrograms per liter (ug/L)
NE = No Screening Level Established for Constituent
NA = Sample not Analyzed for Constituent
BRL - Below Laboratory Reporting Limit
IDEM = Indiana Department of Environmental Management
RCG = Remediation Closure Guide
TWSL = Tap Water Screening Level
VESL = Vapor Exposure Screening Level

	IDEM RCG Residential TWSL's	IDEM RCG Residential VESL's	IDEM RCG Industrial VESL's
Tetrachloroethene	5	110	470
Trichloroethene	5	9.1	38
Vinyl chloride	2	2.1	35
cis-1,2-Dichloroethene	70	NE	NE
trans-1,2-Dichloroethene	100	NE	NE

Constituent detected above Laboratory Reporting Limit
Constituent detected above IDEM RCG Residential TWSL's
Constituent detected above IDEM RCG Residential VESL's
Constituent detected above IDEM RCG Industrial VESL's

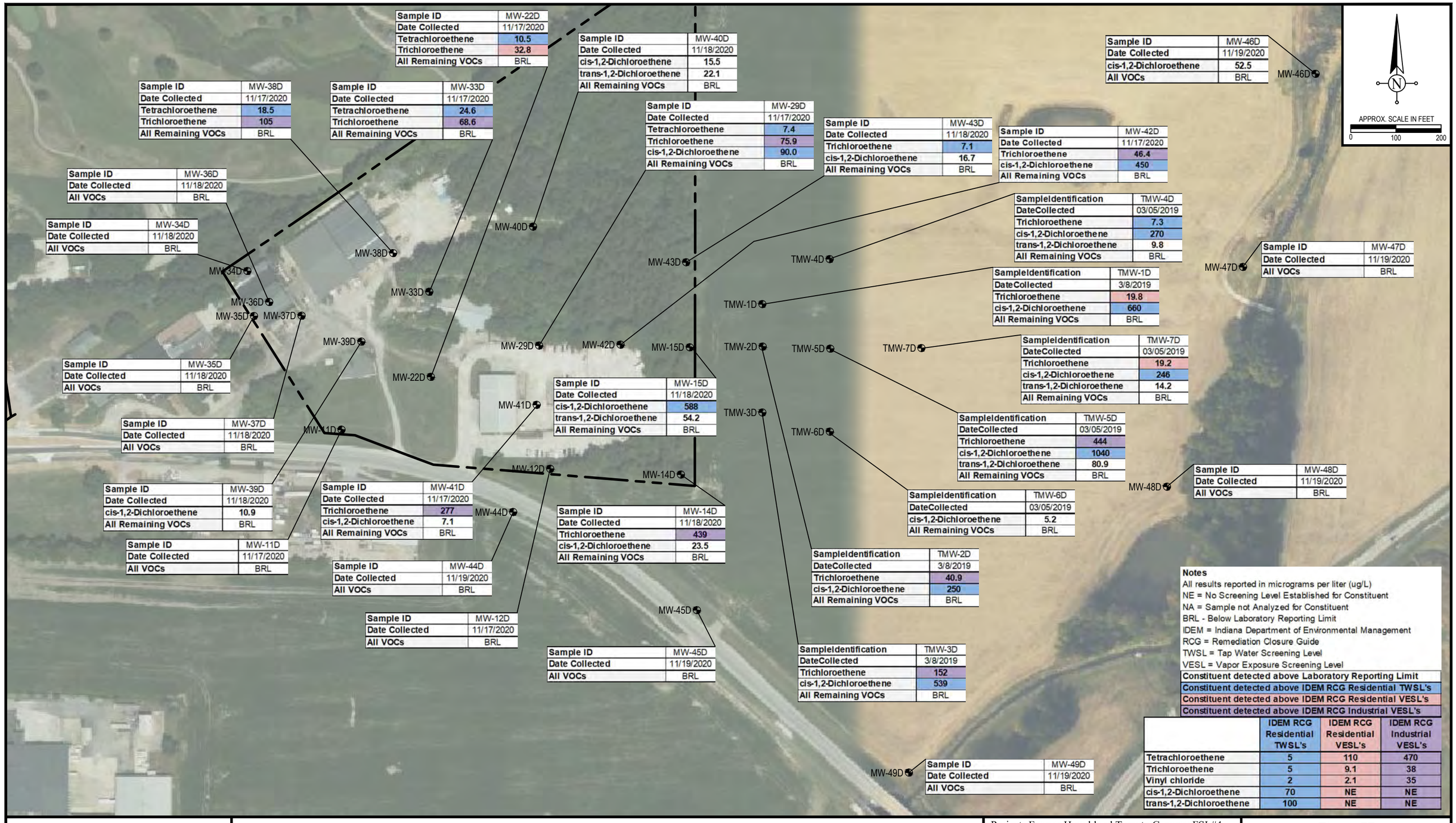
Patriot Engineering & Environmental, Inc.

LEGEND
Site Boundary
Patriot Monitoring Well Location
* = Data from Temporary Monitoring Wells TMW-1 trhough 7 collected between 3/05/2019 and 3/08/2019

Project: Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

	Drawn By: J. DuMond
Project Number20-0963-01E	Approved: J. Cody
Date: January 11, 2021	DWG: 20-0963-01_FSI4

Figure 7A
Shallow Groundwater Analytical Results Map
November 2020*



Patriot Engineering & Environmental, Inc.

LEGEND

Site Boundary

Patriot Monitoring Well Location

* = Data from Temporary Monitoring Wells TMW-1 trhough 7 collected between 3/05/2019 and 3/08/2019

Project: Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: J. Cody
Date: January 11, 2021	DWG: 20-0963-01_FSI4

Figure 7B

Deep Groundwater Analytical Results Map November, 2020*

N

APPROX. SCALE IN FEET
0 100 200

MW-28 ND
MW-16 ND
MW-10 ND
MW-27 ND
MW-40 ND
MW-25 ND
MW-34 ND
MW-33 ND
MW-35 ND
MW-38 47.6
MW-26 27.9
MW-36 11.9
MW-37 23.9
MW-24 64.9
MW-39 8.0
MW-23 NS
MW-22 11.8
MW-3 636
MW-11 110
MW-43 ND
MW-29 NS
MW-42 ND
MW-15 ND
MW-41 ND
MW-19
MW-20 ND
MW-21 ND
MW-12 ND
MW-14 NS
MW-44 ND
MW-45 ND
MW-49 ND
MW-46 ND
MW-47 ND
MW-48 ND
TMW-4
TMW-1
TMW-2
TMW-5
TMW-7
TMW-3
TMW-6

5
110
470

* = Data from Temporary Monitoring Wells TMW-1 trhough 7 collected between 3/05/2019 and 3/08/2019

Patriot Engineering & Environmental, Inc.

LEGEND

- Site Boundary
- Patriot Monitoring Well Location
- 423 PCE Concentration (µg/L)
- ND Not Detected
- NS Not Sampled

- Area where contaminant exceeds IDEM RCG Residential TWSL for PCE (5 µg/L)
- Area where contaminant exceeds IDEM RCG Residential VESL for PCE (110 µg/L)
- Area where contaminant exceeds IDEM RCG Industrial VESL for PCE (470 µg/L)

Project: Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

	Drawn By: J. DuMond
Project Number: 20-0963-01E	Approved: J. Cody
Date: January 11, 2021	DWG: 20-0963-01_FSI4

Figure 8

Shallow PCE Plume Map
November 2020*

Patriot Engineering & Environmental, Inc.

LEGEND

- Site Boundary
- Patriot Monitoring Well Location
- 423 PCE Concentration (µg/L)
- ND Not Detected
- NS Not Sampled

- Area where contaminant exceeds IDEM RCG Residential TWSL for PCE (5 µg/L)
- Area where contaminant exceeds IDEM RCG Residential VESL for PCE (110 µg/L)
- Area where contaminant exceeds IDEM RCG Industrial VESL for PCE (470 µg/L)

Project: Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: J. Cody
Date: January 11, 2021	DWG: 20-0963-01_FSI4

Figure 9

Deep PCE Plume Map
November 2020*

N

APPROX. SCALE IN FEET
0 100 200

MW-46 ND
MW-28 ND
MW-16 ND
MW-10 ND
MW-27 ND
MW-40 213
MW-25 ND
MW-34 ND
MW-43 ND
TMW-4 ND
MW-47 ND
MW-13 ND
MW-36 39.2
MW-26 47.6
MW-33 56.6
MW-35 ND
MW-37 23.5
MW-24 30.9
MW-39 12.4
MW-29 NS
MW-42 258
MW-15 22.6
TMW-2 106
TMW-5 311
TMW-7 ND
MW-23 NS
MW-22 68.7
MW-30 214
MW-41 400
TMW-3 37.3
MW-11 37.5
TMW-6 ND
MW-19
MW-20 ND
MW-21 ND
55.3 MW-12
MW-14 NS
MW-48 ND
MW-44 ND
MW-45 ND
MW-49 ND

5
9.1
38

* = Data from Temporary Monitoring Wells TMW-1 trhough 7 collected between 3/05/2019 and 3/08/2019

Patriot Engineering & Environmental, Inc.

LEGEND

- Site Boundary
- Patriot Monitoring Well Location
- 423 TCE Concentration (µg/L)
- ND Not Detected
- NS Not Sampled

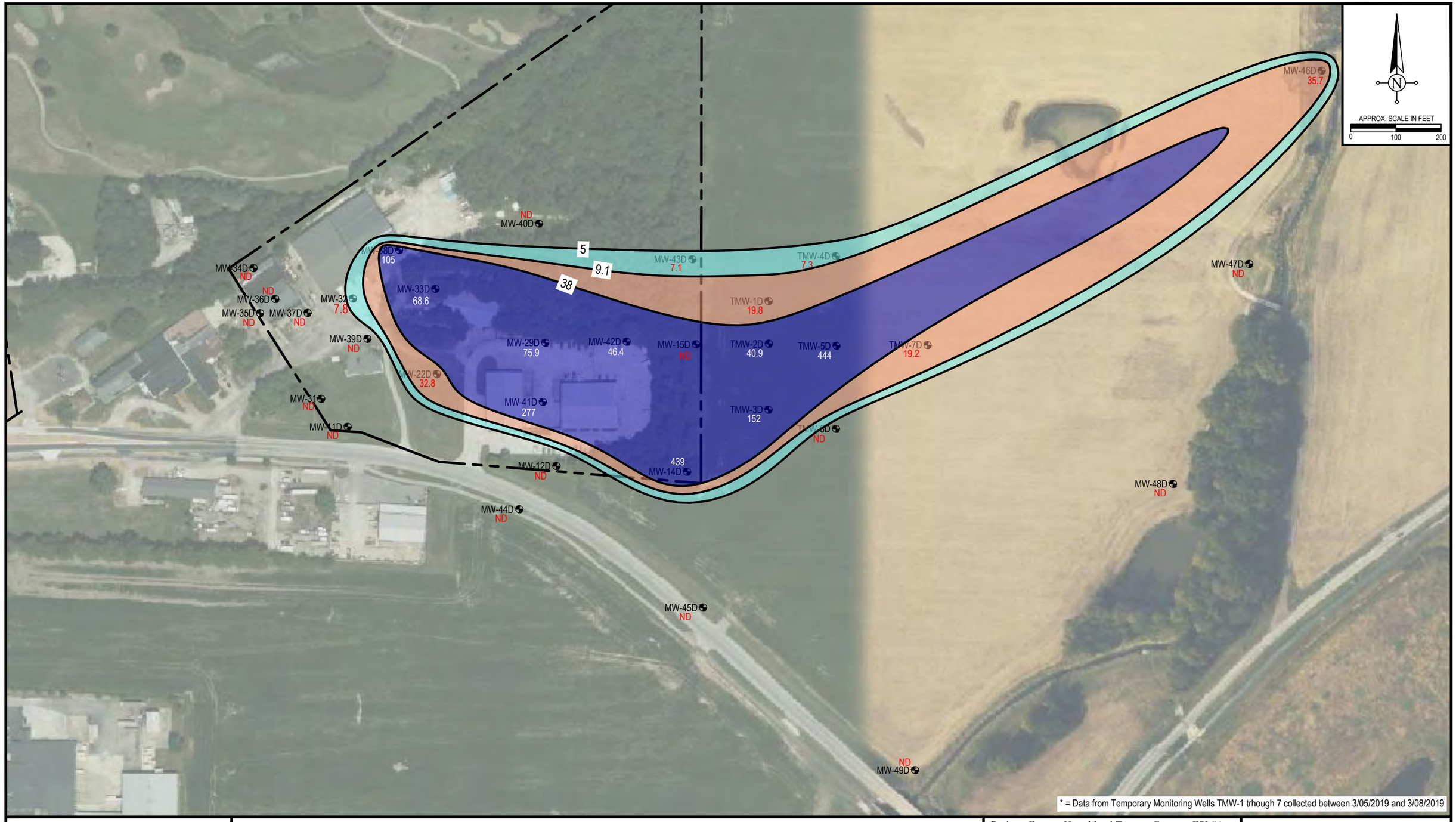
- Area where contaminant exceeds IDEM RCG Residential TWSL for TCE (5 µg/L)
- Area where contaminant exceeds IDEM RCG Residential VESL for TCE (9.1 µg/L)
- Area where contaminant exceeds IDEM RCG Industrial VESL for TCE (38 µg/L)

Project: Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: J. Cody
Date: January 11, 2021	DWG: 20-0963-01_FSI4

Figure 10

Shallow TCE Plume Map
November 2020*



Patriot Engineering & Environmental, Inc.

LEGEND

- Site Boundary
- Patriot Monitoring Well Location
- 423 TCE Concentration (µg/L)
- ND Not Detected
- NS Not Sampled

- Area where contaminant exceeds IDEM RCG Residential TWSL for TCE (5 µg/L)
- Area where contaminant exceeds IDEM RCG Residential VESL for TCE (9.1 µg/L)
- Area where contaminant exceeds IDEM RCG Industrial VESL for TCE (38 µg/L)

Project: Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: J. Cody
Date: January 11, 2021	DWG: 20-0963-01_FSI4

Figure 11

Deep TCE Plume Map
November 2020*

N

APPROX. SCALE IN FEET

0 100 200

10

50

70

200

500

MW-48D 15.5

MW-43D 16.7

TMW-4D 270

MW-46D 52.5

MW-47D 9.9

MW-38D ND

MW-34D ND

MW-33D ND

MW-36D ND

MW-32 ND

MW-35D ND

MW-37D ND

TMW-1D 660

MW-39D 10.9

MW-29D 90

MW-42D 450

MW-15D 588

TMW-2D 250

TMW-5D 1040

TMW-7D 246

MW-22D ND

MW-31 ND

MW-41D 7.1

MW-11D ND

TMW-3D 539

TMW-6D 5.2

23.5

MW-12D ND

MW-14D

MW-48D ND

MW-44D ND

MW-45D ND

ND

MW-49D

* = Data from Temporary Monitoring Wells TMW-1 trhough 7 collected between 3/05/2019 and 3/08/2019

Patriot Engineering & Environmental, Inc.

LEGEND

Site Boundary

Patriot Monitoring Well Location

423 cis-1,2-DCE Concentration (µg/L)

ND Not Detected

Area where contaminant exceeds IDEM RCG Residential TWSL for cis-1,2-DCE (70 µg/L)

Project: Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

	Drawn By: J. DuMond
Project Number 20-0963-01E	Approved: J. Cody
Date: January 11, 2021	DWG: 20-0963-01_FSI4

Figure 12

Deep cis-1,2-DCE Plume Map
November 2020*

APPENDIX B

TABLES

TABLE 1

WELL CONSTRUCTION SUMMARY
Former Houghland Tomato Cannery
1130 East Eastview Drive
Franklin, Indiana
Patriot Project Number 20-0963-01E

WELL	DATE INSTALLED	WELL ELEVATION (ft)*	TOTAL DEPTH (ft)	SCREEN INTERVAL (depth in ft)
MW-10	6/10/2013 (ISI)	738.15	14.4	723.8 - 733.8
MW-11	6/10/2013 (ISI)	731.85	13.7	718.2 - 728.2
MW-11D	6/6/2018 (FSI #2)	731.71	23.0	708.7- 713.7
MW-12	6/10/2013 (ISI)	732.36	15.1	717.3 - 727.3
MW-12D	1/24/2019 (FSI #3)	731.82	28.0	703.8- 708.8
MW-13	6/10/2013 (ISI)	740.45	20.9	719.6 - 729.6
MW-14	9/18/2013 (ISI)	734.15	20.0	714.2 - 724.2
MW-14D	1/24/2019 (FSI #3)	731.45	33.0	698.5- 703.5
MW-15	9/18/2013 (ISI)	735.30	21.0	714.3 - 724.3
MW-15D	6/6/2018 (FSI #2)	734.76	48.0	686.7 - 691.7
MW-16	9/18/2013 (ISI)	735.65	19.9	715.7 - 725.7
MW-17	9/18/2013 (ISI)	745.02	24.1	720.9 - 730.9
MW-18	2/13/2014 (FSI)	737.39	14.4	723.0 - 733.0
MW-19	2/13/2014 (FSI)	733.21	12.4	720.8 - 730.8
MW-20	2/13/2014 (FSI)	729.99	14.7	715.3 - 725.3
MW-21	2/13/2014 (FSI)	729.21	13.6	715.6 - 725.6
MW-22	2/13/2014 (FSI)	736.47	18.9	717.6 - 727.6
MW-22D	6/6/2018 (FSI #2)	736.85	28.0	708.8 - 713.8
MW-23	2/13/2014 (FSI)	739.78	20.0	719.8 - 729.8
MW-24	2/13/2014 (FSI)	740.93	21.8	719.1 - 729.1
MW-25	2/14/2014 (FSI)	741.01	23.6	717.4 - 727.4
MW-26	2/14/2014 (FSI)	739.31	22.9	716.4 - 726.4
MW-27	2/14/2014 (FSI)	740.06	16.9	723.2 - 733.2
MW-28	2/19/2014 (FSI)	739.62	21.3	718.3 - 728.3
MW-29	2/13/2014 (FSI)	732.96	17.6	715.4 - 725.4
MW-29D	6/6/2018 (FSI #2)	733.12	41.0	692.1 - 697.1
MW-30	8/29/2016 (FSI)	734.02	14.5	719.5 - 724.5
MW-31	8/16/2017 (ASI)	733.87	30.0	703.8 - 708.8
MW-32	8/16/2017 (ASI)	739.72	33.0	706.7 - 711.7
MW-33	1/22/2019 (FSI #3)	740.79	18.0	722.8 - 732.8
MW-33D	1/22/2019 (FSI #3)	741.05	33.0	708.1 - 713.1
TMW-1	1/22/2019 (FSI #3)	731.54	12.0	719.5 - 729.5
TMW-1D	1/22/2019 (FSI #3)	730.32	58.0	672.3 - 677.3
TMW-2	1/22/2019 (FSI #3)	730.12	14.0	716.1 - 726.1

WELL	DATE INSTALLED	WELL ELEVATION (ft)*	TOTAL DEPTH (ft)	SCREEN INTERVAL (depth in ft)
TMW-2D	1/22/2019 (FSI #3)	730.40	60.0	670.4 - 675.4
TMW-3	1/24/2019 (FSI #3)	731.24	13.0	718.2 - 728.2
TMW-3D	1/24/2019 (FSI #3)	731.27	52.0	679.3 - 684.3
TMW-4	1/28/2019 (FSI #3)	730.43	13.0	717.4 - 727.4
TMW-4D	1/28/2019 (FSI #3)	730.03	61.0	669.1 - 674.1
TMW-5	1/28/2019 (FSI #3)	729.60	13.0	716.6 - 726.6
TMW-5D	1/28/2019 (FSI #3)	730.69	57.0	673.7 - 678.7
TMW-6	1/28/2019 (FSI #3)	731.29	13.0	718.3 - 728.3
TMW-6D	1/28/2019 (FSI #3)	731.22	42.0	689.2 - 694.2
TMW-7	1/25/2019 (FSI #3)	730.16	13.0	717.2 - 727.2
TMW-7D	1/25/2019 (FSI #3)	730.62	62.0	668.6 - 673.6
MW-34	11/5/2020 (FSI #4)	741.09	17.0	714.1 - 724.1
MW-34D	11/5/2020 (FSI #4)	741.49	30.0	706-5 - 711.5
MW-35	11/5/2020 (FSI #4)	740.98	24.0	707.0 - 717.0
MW-35D	11/5/2020 (FSI #4)	740.97	30.0	716.0 - 711.0
MW-36	11/5/2020 (FSI #4)	741.80	30.0	721.8 - 711.8
MW-36D	11/5/2020 (FSI #4)	741.55	30.0	716.5 - 711.5
MW-37	11/5/2020 (FSI #4)	741.96	25.0	727.0 - 717.0
MW-37D	11/5/2020 (FSI #4)	741.95	38.0	716.5 - 711.5
MW-38	11/5/2020 (FSI #4)	738.90	20.0	728.9 - 718.9
MW-38D	11/5/2020 (FSI #4)	739.17	30.0	714.2 - 709.2
MW-39	11/5/2020 (FSI #4)	739.33	25.0	724.3 - 714.3
MW-39D	11/5/2020 (FSI #4)	739.34	38.0	706.4 - 701.4
MW-40	11/5/2020 (FSI #4)	738.75	18.0	730.8 - 720.8
MW-40D	11/5/2020 (FSI #4)	738.52	31.0	712.5 - 707.5
MW-41	11/5/2020 (FSI #4)	734.03	22.0	722.0 - 712.0
MW-41D	11/5/2020 (FSI #4)	734.02	35.0	704.0 - 699.0
MW-42	11/5/2020 (FSI #4)	732.26	18.0	724.0 - 714.0
MW-42D	11/5/2020 (FSI #4)	732.23	52.0	685.2 - 680.2
MW-43	11/5/2020 (FSI #4)	733.36	16.0	727.4 - 717.4
MW-43D	11/5/2020 (FSI #4)	733.17	31.0	707.2 - 702.2
MW-44	11/5/2020 (FSI #4)	728.73	14.0	707.2 - 702.2
MW-44D	11/5/2020 (FSI #4)	728.71	29.0	704.7 - 699.7
MW-45	11/5/2020 (FSI #4)	729.59	15.0	724.6 - 714.6
MW-45D	11/5/2020 (FSI #4)	729.34	31.0	703.4 - 698.4
MW-46	11/5/2020 (FSI #4)	730.43	15.0	725.4 - 715.4
MW-46I	11/5/2020 (FSI #4)	730.74	55.0	680.6 - 675.6
MW-46D	11/5/2020 (FSI #4)	730.65	97.0	638.6 - 633.6
MW-47	11/5/2020 (FSI #4)	728.74	15.0	724.7 - 714.7

WELL	DATE INSTALLED	WELL ELEVATION (ft)*	TOTAL DEPTH (ft)	SCREEN INTERVAL (depth in ft)
MW-47I	11/5/2020 (FSI #4)	729.58	40.0	699.6 - 689.6
MW-47D	11/5/2020 (FSI #4)	728.33	68.0	665.3 - 660.3
MW-48	11/5/2020 (FSI #4)	728.49	15.0	724.5 - 714.5
MW-48D	11/5/2020 (FSI #4)	727.77	56.0	665.3 - 660.3
MW-49	11/5/2020 (FSI #4)	725.01	15.0	722.8 - 712.8
MW-49D	11/5/2020 (FSI #4)	725.11	29.0	701.1 - 696.1

Table Notes:

Top of casing elevations were surveyed by Kimbley & Proctor, Inc and are based on USC & GS Datum.

TABLE 2

Source Area Investigation Soil Analytical Results

Former Houghland Tomato Cannery

1130 East Eastview Drive

Franklin, Indiana

Patriot Project Number 20-0963-01E

Sample Identification	Date Collected	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	All Remaining VOCs
B1 (7-9)	10/28/2020	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	BRL
B2 (7-8)	10/28/2020	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	BRL
B3 (3-5)	10/28/2020	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	BRL
B4 (7-9)	10/28/2020	<0.0043	**0.014**	<0.0043	<0.0043	<0.0043	BRL
B5 (5-6)	10/28/2020	<0.0050	**0.0061**	<0.0050	<0.0050	<0.0050	BRL
B6 (0-2)	10/28/2020	<0.0074	**0.025**	<0.0074	<0.0074	<0.0074	BRL
B7 (7-8)	10/28/2020	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	BRL
B12(5-7)	10/29/2020	**0.035**	**0.17**	<0.0051	<0.0051	<0.0051	BRL
B13	10/29/2020	**0.093**	**16**	**0.045**	<0.0050	<0.0050	BRL
B14 (8-10)	10/29/2020	**0.036**	**0.97**	<0.0053	<0.0053	<0.0053	BRL
B15 (4-5)	10/29/2020	**0.015**	**0.028**	<0.0045	<0.0045	<0.0045	BRL
B16 (7-9)	10/29/2020	**0.083**	**0.17**	<0.0053	<0.0053	<0.0053	BRL
B17 (7-9)	10/29/2020	**0.052**	**0.18**	<0.0059	<0.0059	<0.0059	BRL
B18 (8-10)	10/29/2020	**4.3**	**149**	<0.70	<0.70	<0.70	BRL
IDEM RCG Residential DCSL's		**110**	**5.7**	**220**	**1,900**	**0.83**	**Varies**
IDEM RCG Industrial DCSL's		**170**	**19**	**2,300**	**1,900**	**17**	**Varies**
IDEM RCG Excavation DCSL's		**170**	**95**	**2,400**	**1,900**	**1,300**	**Varies**
IDEM RCG Residential MTGSL's		**0.045**	**0.036**	**0.41**	**0.62**	**0.014**	**Varies**

Notes

BOLD	= Constituent detected above Laboratory Reporting Limit
BOLD	= Constituent detected above IDEM RCG Residential DCSL's
BOLD	= Constituent detected above IDEM RCG Industrial DCSL's
BOLD	= Constituent detected above IDEM RCG Excavation DCSL's
BOLD	= Constituent detected above IDEM RCG Residential MTGSL's

All results reported in milligrams per kilogram (mg/kg)

IDEM = Indiana Department of Environmental Management

RCG = Remediation Closure Guide

DCSL = Direct Contact Screening Level

MTGSL = Migration to Groundwater Screening Level

TABLE 3

Source Area Investigation Groundwater Analytical Results

Former Houghland Tomato Cannery

1130 East Eastview Drive

Franklin, Indiana

Patriot Project Number 20-0963-01E

Sample Identification	Date Collected	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	All Remaining VOCs
B14 GW	10/30/2020	<5.0	**10.7**	<5.0	<5.0	<2.0	BRL
B15 GW	10/30/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
B16 GW	10/30/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
B17 GW	10/30/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
IDEM RCG Residential TWSL's		**5**	**5**	**70**	**100**	**2**	**Varies**
IDEM RCG Residential VESL's		**110**	**9.1**	**NE**	**NE**	**2.1**	**Varies**
IDEM RCG Industrial VESL's		**470**	**38**	**NE**	**NE**	**35**	**Varies**

Notes

BOLD	= Constituent detected above Laboratory Reporting Limit
BOLD	= Constituent detected above IDEM RCG Residential TWSL's
BOLD	= Constituent detected above IDEM RCG Residential VESL's
BOLD	= Constituent detected above IDEM RCG Industrial VESL's

All results reported in micrograms per liter (ug/L)

NE = No Screening Level Established for Constituent

NA = Sample not Analyzed for Constituent

BRL - Below Laboratory Reporting Limit

TABLE 4

GROUNDWATER ELEVATION DATA
Former Houghland Tomato Cannery
1130 East Eastview Drive
Franklin, Indiana
Patriot Project Number 20-0963-01E

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-10	9/24/2013	738.15	8.89	729.26
	3/5/2014		4.95	733.20
	8/31/2016		5.35	732.80
	8/21/2017		6.36	731.79
	6/14/2018		NS	NS
	2/4/2019		5.27	732.88
	3/4/2019		4.09	734.06
	3/25/2019		4.17	733.98
	11/16/2020		7.01	731.14
MW-11	9/24/2013	731.85	10.56	721.29
	3/5/2014		7.95	723.90
	8/31/2016		8.45	723.40
	8/21/2017		8.79	723.06
	6/14/2018		8.60	723.25
	2/4/2019		7.57	724.28
	3/4/2019		6.53	725.32
	3/25/2019		6.61	725.24
	11/16/2020		10.54	721.31
MW-11D	6/14/2018	731.71	14.85	716.86
	2/4/2019		7.54	724.17
	3/4/2019		6.40	725.31
	3/25/2019		6.48	725.23
	11/16/2020		10.48	721.23
MW-12	9/24/2013	732.36	12.14	720.22
	3/5/2014		9.68	722.68
	8/31/2016		10.55	721.81
	8/21/2017		10.90	721.46
	6/14/2018		NS	NS
	2/4/2019		9.51	722.85
	3/4/2019		8.78	723.58
	3/25/2019		8.87	723.49
	11/16/2020		11.84	720.52
MW-12D	2/4/2019	731.82	9.17	722.65
	3/4/2019		8.41	723.41
	3/25/2019		8.53	723.29
	11/16/2020		11.41	720.41
MW-13	9/24/2013	740.45	18.69	721.76
	3/5/2014		15.58	731.56
	8/31/2016		15.94	724.51
	8/21/2017		15.58	724.87
	6/14/2018		NS	NS
	2/4/2019		NS	NS
	3/4/2019		NS	NS
	3/25/2019		NS	NS
	11/16/2020		18.71	721.74
MW-14	9/24/2013	734.15	14.32	719.83
	3/5/2014		11.95	722.20
	8/31/2016		Well Inaccessible	
	8/21/2017		13.31	720.84
	6/14/2018		NS	NS
	2/4/2019		9.15	725.00
	3/4/2019		11.28	722.87
	3/25/2019		11.44	722.71
	11/16/2020		13.95	720.20
MW-14D	2/4/2019	731.45	11.95	719.50
	3/4/2019		8.47	722.98
	3/25/2019		8.56	722.89
	11/16/2020		11.14	720.31

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-15	9/24/2013	735.30	15.41	719.89
	3/5/2014		12.98	722.32
	8/31/2016		Well Inaccessible	
	8/21/2017		14.35	720.95
	6/14/2018		13.95	721.35
	2/4/2019		12.94	722.36
	3/4/2019		12.23	723.07
	3/25/2019		12.34	722.96
	11/16/2020		15.08	720.22
MW-15D	6/14/2018	734.76	13.45	721.31
	2/4/2019		11.45	723.31
	3/4/2019		11.71	723.05
	3/25/2019		11.78	722.98
	11/16/2020		14.52	720.24
MW-16	9/24/2013	735.65	7.06	728.59
	3/5/2014		2.88	732.77
	8/31/2016		Well Inaccessible	
	8/21/2017		5.35	730.30
	6/14/2018		NS	NS
	2/4/2019		2.51	733.14
	3/4/2019		2.28	733.37
	3/25/2019		3.09	732.56
	11/16/2020		5.55	730.10
MW-17	9/24/2013	745.02	16.22	728.80
	3/5/2014		12.00	733.02
	8/31/2016		Well Inaccessible	
	8/21/2017		NS	NS
	6/14/2018		NS	NS
	2/4/2019		11.67	733.35
	3/4/2019		11.40	733.62
	3/25/2019		11.55	733.47
	11/16/2020		14.72	730.30
MW-18	3/5/2014	737.79	10.03	727.76
	8/31/2016		10.32	727.47
	8/21/2017		NS	NS
	6/14/2018		NS	NS
	2/4/2019		9.54	728.25
	3/4/2019		9.22	728.57
	3/25/2019		9.19	728.60
	11/16/2020		NS	NS
MW-19	3/5/2014	733.21	7.17	726.04
	8/31/2016		7.55	725.66
	8/21/2017		NS	NS
	6/14/2018		NS	NS
	2/4/2019		7.08	726.13
	3/4/2019		6.30	726.91
	3/25/2019		6.29	726.92
	11/16/2020		NS	NS

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-20	3/5/2014	729.99	5.94	724.05
	8/31/2016		6.38	723.61
	8/21/2017		6.71	723.28
	6/14/2018		NS	NS
	2/4/2019		5.54	724.45
	3/4/2019		4.53	725.46
	3/25/2019		4.48	725.51
	11/16/2020		8.55	721.44
MW-21	3/5/2014	729.21	6.04	723.17
	8/31/2016		6.64	722.57
	8/21/2017		6.99	722.22
	6/14/2018		NS	NS
	2/4/2019		5.75	723.46
	3/4/2019		4.74	724.47
	3/25/2019		4.73	724.48
	11/16/2020		9.33	719.88
MW-22	3/5/2014	736.47	13.04	723.43
	8/31/2016		13.68	722.79
	8/21/2017		14.07	722.40
	6/14/2018		13.90	722.57
	2/4/2019		12.69	723.78
	3/4/2019		11.84	724.63
	3/25/2019		11.82	724.65
	11/16/2020		15.56	720.91
MW-22D	6/14/2018	736.85	14.21	722.64
	2/4/2019		13.03	723.82
	3/4/2019		12.12	724.73
	3/25/2019		12.09	724.76
	11/16/2020		15.88	720.97
MW-23	3/5/2014	739.78	15.40	724.38
	8/31/2016		15.91	723.87
	8/21/2017		16.30	723.48
	6/14/2018		NS	NS
	2/4/2019		Well Innaccesible	
	3/4/2019		13.81	725.97
	3/25/2019		13.75	726.03
	11/16/2020		Well Dry	-
MW-24	3/5/2014	740.93	16.31	724.62
	8/31/2016		16.71	724.22
	8/21/2017		17.16	723.77
	6/14/2018		NS	NS
	2/4/2019		15.87	725.06
	3/4/2019		14.81	726.12
	3/25/2019		14.80	726.13
	11/16/2020		19.32	721.61
MW-25	3/5/2014	741.01	16.50	724.51
	8/31/2016		Well Inaccessible	
	8/21/2017		Well Inaccessible	
	6/14/2018		Well Inaccessible	
	2/4/2019		Well Innaccesible	
	3/4/2019		Well Innaccesible	
	3/25/2019		Well Innaccesible	
	11/16/2020		19.44	721.57

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-26	3/5/2014	739.31	15.25	724.06
	8/31/2016		15.80	723.51
	8/21/2017		16.19	723.12
	6/14/2018		16.11	723.20
	2/4/2019		14.86	724.45
	3/4/2019		13.92	725.39
	3/25/2019		13.86	725.45
	11/16/2020		18.05	721.26
MW-27	3/5/2014	740.06	8.11	731.95
	8/31/2016		8.19	731.87
	8/21/2017		8.81	731.25
	6/14/2018		NS	NS
	2/4/2019		8.25	731.81
	3/4/2019		7.88	732.18
	3/25/2019		7.88	732.18
	11/16/2020		9.80	730.26
MW-28	3/5/2014	739.62	6.72	732.90
	8/31/2016		Well Inaccessible	
	8/21/2017		9.40	730.22
	6/14/2018		NS	NS
	2/4/2019		6.43	733.19
	3/4/2019		6.15	733.47
	3/25/2019		6.11	733.51
	11/16/2020		9.71	729.91
MW-29	3/5/2014	732.96	10.17	722.79
	8/31/2016		11.04	721.92
	8/21/2017		11.43	721.53
	6/14/2018		11.16	721.80
	2/4/2019		10.00	722.96
	3/4/2019		9.21	723.75
	3/25/2019		9.23	723.73
	11/16/2020		Well Dry	-
MW-29D	6/14/2018	733.12	11.28	721.84
	2/4/2019		10.11	723.01
	3/4/2019		9.35	723.77
	3/25/2019		9.28	723.84
	11/16/2020		12.59	720.53
MW-30	8/31/2016	734.02	10.17	723.85
	8/21/2017		10.64	723.38
	6/14/2018		10.52	723.50
	2/4/2019		9.43	724.59
	3/4/2019		10.35	723.67
	3/25/2019		8.30	725.72
	11/16/2020		12.54	721.48
MW-31	8/21/2017	733.87	11.69	722.18
	6/14/2018		10.53	723.34
	2/4/2019		9.25	724.62
	3/4/2019		8.37	725.50
	3/25/2019		8.29	725.58
	11/16/2020		11.81	722.06
MW-32	8/21/2017	739.72	16.64	723.08
	6/14/2018		16.56	723.16
	2/4/2019		15.30	724.42
	3/4/2019		13.33	726.39
	3/25/2019		13.31	726.41
	11/16/2020		18.46	721.26

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-33	2/4/2019	740.79	15.50	725.29
	3/4/2019		15.49	725.30
	3/25/2019		15.38	725.41
	11/16/2020		19.59	721.20
MW-33D	2/4/2019	741.05	16.81	724.24
	3/4/2019		15.87	725.18
	3/25/2019		15.83	725.22
	11/16/2020		19.89	721.16
MW-34	11/16/2020	741.09	18.99	722.10
MW-34D	11/16/2020	741.49	19.45	722.04
MW-35	11/16/2020	740.98	19.10	721.88
MW-35D	11/16/2020	740.97	19.10	721.87
MW-36	11/16/2020	741.80	21.23	720.57
MW-36D	11/16/2020	741.55	21.03	720.52
MW-37	11/16/2020	741.96	20.27	721.69
MW-37D	11/16/2020	741.95	20.28	721.67
MW-38	11/16/2020	738.90	17.63	721.27
MW-38D	11/16/2020	739.17	17.91	721.26
MW-39	11/16/2020	739.33	17.95	721.38
MW-39D	11/16/2020	739.34	17.96	721.38
MW-40	11/16/2020	738.75	9.11	729.64
MW-40D	11/16/2020	738.52	20.45	718.07
MW-41	11/16/2020	734.03	13.57	720.46
MW-41D	11/16/2020	734.02	13.56	720.46
MW-42	11/16/2020	732.26	11.95	720.31
MW-42D	11/16/2020	732.23	12.03	720.20
MW-43	11/16/2020	733.36	12.99	720.37
MW-43D	11/16/2020	733.17	12.81	720.36
MW-44	11/16/2020	728.73	8.37	720.36
MW-44D	11/16/2020	728.71	8.35	720.36
MW-45	11/16/2020	729.59	9.41	720.18
MW-45D	11/16/2020	729.34	9.17	720.17
MW-46	11/16/2020	730.43	9.74	720.69
MW-46I	11/16/2020	730.74	10.01	720.73
MW-46D	11/16/2020	730.65	9.91	720.74
MW-47	11/16/2020	728.74	8.34	720.40
MW-47I	11/16/2020	729.58	8.12	721.46
MW-47D	11/16/2020	728.33	7.81	720.52
MW-48	11/16/2020	728.49	8.76	719.73
MW-48D	11/16/2020	727.77	8.04	719.73
MW-49	11/16/2020	725.01	5.97	719.04
MW-49D	11/16/2020	725.11	5.78	719.33

Well Elevation = Top of the 2" Diameter Pipe - North Rim
NS=Not Sampled

TABLE 5
COMPREHENSIVE GROUNDWATER ANALYTICAL RESULTS
Former Houghland Tomato Cannery
1130 East Eastview Drive
Franklin, Indiana
Patriot Project Number 20-0963-01E

		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	All Remaining VOCs
IDEM RCG Residential TWSL's		**5**	**5**	**70**	**100**	**2**	**Varies**
IDEM RCG Residential VESL's		**110**	**9.1**	**NE**	**NE**	**2.1**	**Varies**
IDEM RCG Industrial VESL's		**470**	**38**	**NE**	**NE**	**35**	**Varies**
Sample Identification	**Date Collected**	**Analytical Results in micrograms per liter (ug/L)**					
MW-10	9/24/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/11/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-11	3/5/2014	**135**	**94.4**	< 5.0	< 5.0	< 2.0	BRL
	9/24/2013	**94.6**	**83.2**	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	**136**	**110**	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	**124**	**82.4**	< 5.0	< 5.0	< 2.0	BRL
	6/15/2018	**102**	**60.0**	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	**68.7**	**50.4**	<5.0	<5.0	<2.0	BRL
	03/05/2019	**39.6**	**29.5**	<5.0	<5.0	<2.0	BRL
	3/29/2019	**45.3**	**31.5**	<5.0	<5.0	<2.0	BRL
	11/17/2020	**110**	**37.5**	<5.0	<5.0	<2.0	BRL
MW-11D	6/15/2018	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/05/2019	**7.2**	<5.0	<5.0	<5.0	<2.0	BRL
	3/29/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/17/2020	<5.0	<2.0	<5.0	<5.0	<2.0	BRL
MW 12	3/5/2014	< 5.0	**10.3**	< 5.0	< 5.0	< 2.0	BRL
	3/3/2014	< 5.0	**10.3**	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	**42.4**	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	02/05/2019	<5.0	**38.8**	<5.0	<5.0	<2.0	BRL
	3/7/2019	<5.0	**42.0**	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	**29.9**	<5.0	<5.0	<2.0	BRL
	11/17/2020	<5.0	**55.3**	<5.0	<5.0	<2.0	BRL
MW 12D	02/05/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/7/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/17/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-13	9/24/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/5/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	11/17/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL

		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	All Remaining VOCs
IDEM RCG Residential TWSL's		**5**	**5**	**70**	**100**	**2**	**Varies**
IDEM RCG Residential VESL's		**110**	**9.1**	**NE**	**NE**	**2.1**	**Varies**
IDEM RCG Industrial VESL's		**470**	**38**	**NE**	**NE**	**35**	**Varies**
Sample Identification	**Date Collected**	**Analytical Results in micrograms per liter (ug/L)**					
MW-14	9/25/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	**495**	**7.7**	<5.0	<2.0	BRL
	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-14D	02/08/2019	<5.0	**583**	**26.4**	<5.0	<2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	**524**	**11**	<5.0	<2.0	BRL
	11/18/2020	<5.0	**439**	**23.5**	<5.0	<2.0	BRL
MW-15	9/25/2013	< 5.0	**26.3**	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	**16.6**	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	**42.3**	< 5.0	< 5.0	< 2.0	BRL
	6/15/2018	< 5.0	**50.3**	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	<5.0	**49.3**	<5.0	<5.0	<2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	**6.7**	**579**	**18.1**	<2.0	BRL
	11/18/2020	<5.0	**32.6**	<5.0	<5.0	<2.0	BRL
MW-15D	6/15/2018	< 5.0	**120**	**384**	**42.3**	< 2.0	BRL
	02/08/2019	<5.0	**12.3**	**780**	**53.5**	<2.0	BRL
	3/6/2019	<5.0	**7.8**	**430**	**17.9**	<2.0	BRL
	4/1/2019	<5.0	<5.0	**557**	**29.5**	<2.0	BRL
	11/18/2020	<5.0	<5.0	**588**	**54.2**	<2.0	BRL
MW-16	9/25/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-17	9/25/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL

		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	All Remaining VOCs
IDEM RCG Residential TWSL's		**5**	**5**	**70**	**100**	**2**	**Varies**
IDEM RCG Residential VESL's		**110**	**9.1**	**NE**	**NE**	**2.1**	**Varies**
IDEM RCG Industrial VESL's		**470**	**38**	**NE**	**NE**	**35**	**Varies**
Sample Identification	**Date Collected**	**Analytical Results in micrograms per liter (ug/L)**					
MW-18	3/3/2014	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
MW-19	3/3/2014	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/12/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
MW-20	3/3/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/12/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-21	3/3/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/12/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-22	3/5/2014	**8.5**	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	**8.4**	**89.5**	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	**9.6**	**86.4**	< 5.0	< 5.0	< 2.0	BRL
	6/14/2018	**8.9**	**73.9**	<5.0	<5.0	<2.0	BRL
	02/08/2019	**8.1**	**71.5**	**10.8**	<5.0	<2.0	BRL
	3/7/2019	**5.8**	**30**	<5.0	<5.0	<2.0	BRL
	3/27/2019	**6.7**	**30.8**	<5.0	<5.0	<2.0	BRL
	11/17/2020	**11.8**	**68.7**	<5.0	<5.0	<2.0	BRL
MW-22D	6/14/2018	**7.4**	**34.6**	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	**9.1**	**42.6**	<5.0	<5.0	<2.0	BRL
	3/7/2019	**13.3**	**43.6**	<5.0	<5.0	<2.0	BRL
	3/27/2019	**7.4**	**32.1**	<5.0	<5.0	<2.0	BRL
	11/17/2020	**10.5**	**32.8**	<5.0	<5.0	<2.0	BRL
MW-23	3/3/2014	**141**	**469**	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	**156**	**323**	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	**115**	**234**	<5.0	<5.0	<2.0	BRL
	3/11/2019	**15.7**	**21.9**	<5.0	<5.0	<2.0	BRL
	11/16/2020	Well Dry - Not Sampled					
MW-24	3/6/2014	**183**	**65.6**	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	**185**	**52.0**	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	**167**	**59.0**	<5.0	<5.0	<2.0	BRL
	3/12/2019	**55.2**	**60.2**	<5.0	<5.0	<2.0	BRL
	11/16/2020	**64.9**	**35.9**	<5.0	<5.0	<2.0	BRL
MW-25	3/5/2014	< 5.0	**9.4**	< 5.0	< 5.0	< 2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL

		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	All Remaining VOCs
IDEM RCG Residential TWSL's		**5**	**5**	**70**	**100**	**2**	**Varies**
IDEM RCG Residential VESL's		**110**	**9.1**	**NE**	**NE**	**2.1**	**Varies**
IDEM RCG Industrial VESL's		**470**	**38**	**NE**	**NE**	**35**	**Varies**
Sample Identification	**Date Collected**	**Analytical Results in micrograms per liter (ug/L)**					
MW-26	3/5/2014	**26.9**	**63.1**	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	**22.2**	**55.4**	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	**21.8**	**48.0**	<5.0	<5.0	<2.0	BRL
	6/14/2018	**22.3**	**39.8**	<5.0	<5.0	<2.0	BRL
	02/05/2019	**14.8**	**46.1**	<5.0	<5.0	<2.0	BRL
	3/11/2019	**12.5**	**35.5**	<5.0	<5.0	<2.0	BRL
	03/28/2019	**15.6**	**31**	<5.0	<5.0	<2.0	BRL
	11/17/2020	**27.9**	**47.6**	<5.0	<5.0	<2.0	BRL
MW 32 (Deep Well paired with MW-26)	8/21/2017	**11.0**	**26.9**	**19.1**	< 5.0	< 2.0	BRL
	6/15/2018	**15.1**	**27.1**	**26.5**	< 5.0	< 2.0	BRL
	02/05/2019	**8.0**	**9.4**	**5.9**	<5.0	<2.0	BRL
	3/11/2019	**16.1**	**37.9**	<5.0	<5.0	<2.0	BRL
	03/28/2019	**15.8**	**29.5**	<5.0	<5.0	<5.0	BRL
	11/16/2020	**7.6**	**7.8**	**8.2**	<5.0	<2.0	BRL
MW-27	3/5/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/11/2019	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-28	3/7/2014	< 5.0	< 5.0	**19.3**	< 5.0	< 2.0	BRL
	8/22/2017	< 5.0	< 5.0	**47.7**	< 5.0	< 2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/18/2020	<5.0	<5.0	**56.8**	<5.0	<2.0	BRL
MW 29	3/7/2014	**14.5**	**153**	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	**13.6**	**128**	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	**13.4**	**106**	< 5.0	< 5.0	< 2.0	BRL
	6/14/2018	**14.0**	**97.6**	< 5.0	< 5.0	< 2.0	BRL
	02/05/2019	<5.0	**34.5**	<5.0	<5.0	<2.0	BRL
	3/7/2019	<5.0	**15.7**	<5.0	<5.0	<2.0	BRL
	3/27/2019	**6.8**	**40.6**	<5.0	<5.0	<2.0	BRL
	11/16/2020	Well Dry - Not Sampled					
MW 29D	6/14/2018	**12.9**	**148**	**33.6**	< 5.0	< 2.0	BRL
	02/05/2019	**13.4**	**149**	**25.7**	<5.0	<2.0	BRL
	3/7/2019	**14.4**	**124**	**21.2**	<5.0	<2.0	BRL
	3/27/2019	**9.8**	**106**	**21.4**	<5.0	<2.0	BRL
	11/17/2020	**7.4**	**75.9**	**90**	<5.0	<2.0	BRL
MW-30	9/1/2016	**695**	**386**	< 5.0	< 5.0	< 2.0	BRL
	8/22/2017	**475**	**253**	< 5.0	< 5.0	< 2.0	BRL
	6/15/18	**520**	**283**	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	**171**	**173**	<5.0	<5.0	<2.0	BRL
	3/11/2019	**293**	**163**	<5.0	<5.0	<2.0	BRL
	3/29/2019	**444**	**159**	<5.0	<5.0	<2.0	BRL
	11/17/2020	**636**	**214**	<5.0	<5.0	<2.0	BRL

		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	All Remaining VOCs
IDEM RCG Residential TWSL's		**5**	**5**	**70**	**100**	**2**	**Varies**
IDEM RCG Residential VESL's		**110**	**9.1**	**NE**	**NE**	**2.1**	**Varies**
IDEM RCG Industrial VESL's		**470**	**38**	**NE**	**NE**	**35**	**Varies**
Sample Identification	**Date Collected**	**Analytical Results in micrograms per liter (ug/L)**					
MW-31 (Deep well paired with MW-30)	8/22/2017	**5.7**	<5.0	< 5.0	< 5.0	< 2.0	BRL
	6/15/2018	< 5.0	<5.0	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	<5.0	<5.0	**5.4**	<5.0	<2.0	BRL
	3/11/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/29/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/17/2020	**13.3**	<5.0	<5.0	<5.0	<2.0	BRL
MW 33	02/05/2019	**28.9**	**61**	<5.0	<5.0	<2.0	BRL
	3/7/2019	**46.0**	**71.1**	**5.6**	<5.0	<2.0	BRL
	03/28/2019	**7.8**	**29.3**	<5.0	<5.0	<2.0	BRL
	11/17/2020	**28.4**	**56.6**	<5.0	<5.0	<2.0	BRL
MW 33D	02/05/2019	**21.1**	**114**	<5.0	<5.0	<2.0	BRL
	3/7/2019	**35.4**	**97.3**	<5.0	<5.0	<2.0	BRL
	03/28/2019	**17.1**	**59.9**	<2.0	<5.0	<2.0	BRL
	11/17/2020	**24.6**	**68.6**	<5.0	<5.0	<2.0	BRL
MW-34	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-34D	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-35	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-35D	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-36	11/18/2020	**11.9**	**39.2**	<5.0	<5.0	<2.0	BRL
MW-36D	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-37	11/18/2020	**23.8**	**23.5**	<5.0	<5.0	<2.0	BRL
MW-37D	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-38	11/17/2020	**47.6**	**35.1**	<5.0	<5.0	<2.0	BRL
MW-38D	11/17/2020	**18.5**	**105**	<5.0	<5.0	<2.0	BRL
MW-39	11/18/2020	**8**	**12.4**	<5.0	<5.0	**9.9**	BRL
MW-39D	11/18/2020	<5.0	<5.0	**10.9**	<5.0	<2.0	BRL
MW-40	11/18/2020	<5.0	**213**	**401**	**640**	**4.1**	BRL
MW-40D	11/18/2020	<5.0	<5.0	**15.5**	**22.1**	<2.0	BRL
MW-41	11/17/2020	<5.0	**400**	**6.3**	<5.0	**3.3**	BRL
MW-41D	11/17/2020	<5.0	**277**	**7.1**	<5.0	<2.0	BRL
MW-42	11/17/2020	<5.0	**258**	<5.0	<5.0	<2.0	BRL
MW-42D	11/17/2020	<5.0	**46.4**	**450**	**37**	<2.0	BRL
MW-43	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-43D	11/18/2020	<5.0	**7.1**	**16.7**	<5.0	<2.0	BRL
MW-44	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-44D	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-45	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-45D	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-46	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-46I	11/19/2020	<5.0	<5.0	**52.5**	<5.0	<2.0	BRL
MW-46D	11/19/2020	<5.0	**35.7**	**43.1**	<5.0	<2.0	BRL
MW-47	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-47I	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-47D	11/19/2020	<5.0	<5.0	**9.9**	<5.0	<2.0	BRL

		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	All Remaining VOCs
IDEM RCG Residential TWSL's		**5**	**5**	**70**	**100**	**2**	**Varies**
IDEM RCG Residential VESL's		**110**	**9.1**	**NE**	**NE**	**2.1**	**Varies**
IDEM RCG Industrial VESL's		**470**	**38**	**NE**	**NE**	**35**	**Varies**
Sample Identification	**Date Collected**	**Analytical Results in micrograms per liter (ug/L)**					
MW-48	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-48D	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-49	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-49D	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
TMW-1	02/06/2019	<5.0	**11.2**	<5.0	<5.0	<2.0	BRL
	3/8/2019	<5.0	**14.9**	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	**7**	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-1D	02/06/2019	<5.0	**24.2**	**510**	**41.6**	<2.0	BRL
	3/8/2019	<5.0	**19.8**	**660**	<5.0	<2.0	BRL
	03/26/2019	<5.0	**11.9**	**829**	**41**	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-2	02/06/2019	<5.0	**94.1**	<5.0	<5.0	<2.0	BRL
	3/8/2019	<5.0	**106**	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	**73.7**	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-2D	02/06/2019	<5.0	**15.9**	**550**	**43.4**	<2.0	BRL
	3/8/2019	<5.0	**40.9**	**250**	<5.0	<2.0	BRL
	03/26/2019	<5.0	**13.7**	**683**	**49.6**	**2.3**	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-3	02/06/2019	<5.0	**30.4**	<5.0	<5.0	<2.0	BRL
	3/8/2019	<5.0	**37.3**	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	**25.2**	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-3D	02/06/2019	<5.0	**383**	**1060**	**87.5**	<2.0	BRL
	3/8/2019	<5.0	**152**	**539**	<5.0	<2.0	BRL
	03/26/2019	<5.0	**288**	**904**	**78.4**	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-4	02/07/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/8/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-4D	02/07/2019	<5.0	**9.1**	**437**	**14.5**	<2.0	BRL
	03/05/2019	<5.0	**7.3**	**270**	**9.8**	<2.0	BRL
	03/26/2019	<5.0	**10.9**	**395**	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-5	02/08/2019	<5.0	**479**	<5.0	<5.0	<2.0	BRL
	03/05/2019	<5.0	**311**	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	**244**	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-5D	02/08/2019	<5.0	**528**	**1560**	**139**	<2.0	BRL
	03/05/2019	<5.0	**444**	**1040**	**80.9**	<2.0	BRL
	03/26/2019	<5.0	**500**	**1220**	**112**	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL

		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	All Remaining VOCs
IDEM RCG Residential TWSL's		**5**	**5**	**70**	**100**	**2**	**Varies**
IDEM RCG Residential VESL's		**110**	**9.1**	**NE**	**NE**	**2.1**	**Varies**
IDEM RCG Industrial VESL's		**470**	**38**	**NE**	**NE**	**35**	**Varies**
Sample Identification	**Date Collected**	**Analytical Results in micrograms per liter (ug/L)**					
TMW-6	02/08/2019	<5.0	**14.7**	**24.4**	<5.0	<2.0	BRL
	03/05/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/27/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-6D	02/08/2019	<5.0	<5.0	**8.3**	<5.0	<2.0	BRL
	03/05/2019	<5.0	<5.0	**5.2**	<5.0	<2.0	BRL
	03/27/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-7	02/07/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/05/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/27/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
TMW-7D	02/07/2019	<5.0	<5.0	**780**	**38.2**	<2.0	BRL
	03/05/2019	<5.0	**19.2**	**246**	**14.2**	<2.0	BRL
	03/27/2019	<5.0	<5.0	**943**	**46**	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL

Notes

BOLD	= Constituent detected above Laboratory Reporting Limit
BOLD	= Constituent detected above IDEM RCG Residential TWSL's
BOLD	= Constituent detected above IDEM RCG Residential VESL's
BOLD	= Constituent detected above IDEM RCG Industrial VESL's

NE = No Screening Level Established for Constituent

BRL - Below Laboratory Reporting Limit

NS=Not Sampled

APPENDIX C

BORING LOGS AND WELL CONSTRUCTION DIAGRAMS

PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING B-1

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, stiff, non plastic, SILT		80%	0.0	
						0.0	
5	SW		Brown, moist, loose, fine grained, SAND		80%	0.0	Sample B-1 (7-9') collected
						0.0	
	SW		Brown, wet, loose, fine grained, SAND				
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

PATRIOT ENGINEERING and Environmental Inc.
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LOG OF BORING B-2

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, stiff, non plastic, SILT		90%	0.0 0.0	
5	ML		Brown, moist, medium stiff, SILT with SAND		80%	0.0 0.0	Sample B-2 (7-8') collected
	ML		Brown, saturated, medium stiff, SILT with SAND				
10	SW		Brown, saturated, loose, fine grained, SAND		80%	0.0 0.0	
	CL		Gray, high plasticity, CLAY, with silt				
15	SW		Brown, saturated, loose, SAND		80%	0.0	
	CL		Brown, moist, stiff, CLAY, with silt				
	SW		Brown, saturated, loose, medium to coarse grained, SAND, w/trace coarse gravel			0.0	
20	CL		Gray, moist, stiff, CLAY		90%	0.0	
	SW		Brown, saturated, loose, medium to coarse grained, SAND			0.0	
25			Boring terminated at 25 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING B-3

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, medium stiff, low plasticity, SILT, w/trace sand		80%	0.0	Sample B-3 (3-5') collected
						0.0	
5	ML		Brown, moist, medium stiff, low plasticity, SILT, with sand		80%	0.0	
						0.0	
	SW		Brown, saturated, loose, fine grained, SAND				
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

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LOG OF BORING B-4

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	F36		FILL MATERIAL Black glass, gravel & slag			0.0	
	ML		Brown, moist, stiff, low plasticity, SILT		80%	0.0	
5	ML		Brown, saturated, SILT with SAND and medium to coarse gravel		70%	0.0	Sample B-4 (7-9') collected
						0.0	
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING B-5

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	F36		FILL MATERIAL slag, glass and gravel		70%	0.0	
						0.0	
5	SW		Brown, moist, loose, fine grained, SAND		65%	0.0	Sample B-5 (5-6') collected
	ML		Brown, soft, non plastic, SILT, with sand			0.0	
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

PATRIOT ENGINEERING and Environmental Inc.
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LOG OF BORING B-6

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	F36		FILL MATERIAL slag, glass and gravel		60%	0.0	Sample B-6 (0-2') collected
	SW		Brown, moist, loose, SAND and substantial coarse gravel			0.0	
5	SW		Brown, moist, loose, SAND, with substantial coarse gravel		40%	0.0	
						0.0	
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

PATRIOT ENGINEERING and Environmental Inc.
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LOG OF BORING B-7

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	F36		FILL MATERIAL Black slag, glass		70%	0.0	
						0.0	
5	ML		Brown, stiff, low plasticity, SILT with SAND		75%	0.0	Sample B-7 (7-8') collected
	SW		Brown, moist, loose, fine grained, SAND			0.0	
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

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LOG OF BORING B-12

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/29/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	CG		CONCRETE				
	F36		FILL MATERIAL, brick, coarse gravel		40%	0.0 0.0	
5	SW		Brown, moist, loose, fine grained, SAND		20%	0.0 0.0	Sample B-12 (5-7') collected
10			Boring terminated at 10 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)				

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LOG OF BORING B-13

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/29/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	CG		CONCRETE				
			NO RECOVERY		0%		There was a 3 ft. void beneath the concrete slab. PI reading of 450 ppm inside void. Potential pit encountered. concrete slab at 15 ft.
5					0%		
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

PATRIOT ENGINEERING and Environmental Inc.
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LOG OF BORING B-14

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/29/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	CG		CONCRETE				
			NO RECOVERY		5%	0.0	PID Reading of 44 ppm in open bore hole.
5	SW		Brown, moist, loose, fine grained, SAND	▼	60%	0.0 2.4 4.0	Sample B-14 (8-10') collected Groundwater sample B-14 collected
10			Boring terminated at 10 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)				

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LOG OF BORING B-15

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/29/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, medium stiff, low plasticity, SILT, with sand		40%	0.0	
						0.0	Sample B-15 (4-5') collected
5	SW		Brown, moist, loose, fine grained, SAND		40%	0.0	
						0.0	Groundwater sample B-15 collected
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

PATRIOT ENGINEERING and Environmental Inc.
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LOG OF BORING B-16

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	CG		CONCRETE				
	GW		GRAVEL			0.0	
	SW		Brown, moist, loose, fine grained, SAND		40%	0.0	
5					60%	0.0	Sample B-16 (7-9') collected
						0.0	Groundwater sample B-16 collected
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

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LOG OF BORING B-17

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/29/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	CG		CONCRETE				
			NO RECOVERY		0%		
5	SW		Brown, moist, loose, fine to medium grained, SAND		40%	0.0	Sample B-17 (7-9') collected
						0.0	Groundwater sample B-17 collected
10			Boring terminated at 10 ft bgs				

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

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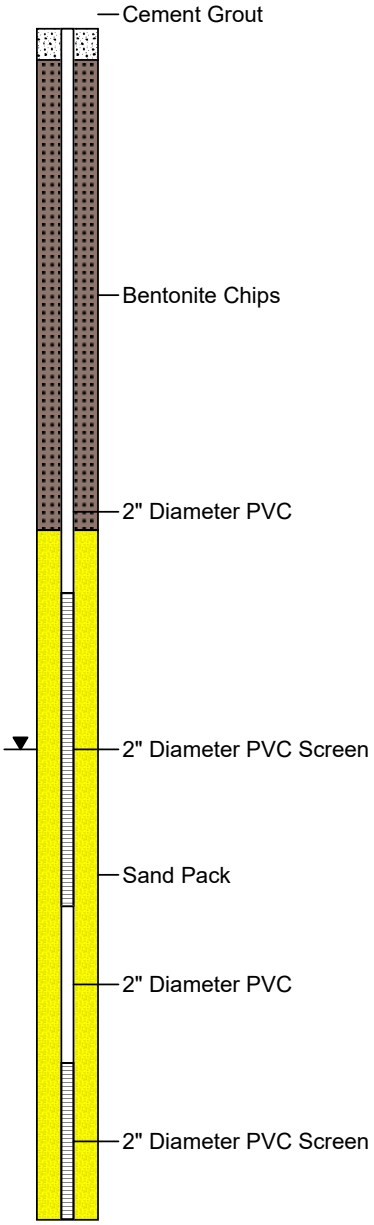
LOG OF BORING B-17

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/11/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CG		CONCRETE			
			Brown, moist, loose, fine grained, SAND	30%	0.0	
					0.0	
5	SW			40%	0.0	
					0.0	
10				60%	0.0	
					0.0	
15	SW		Brown, moist, loose, SAND, and substantial medium to coarse gravel	40%	0.0	
					0.0	
20				40%	0.0	
					0.0	
25	SW		Brown, saturated, loose, SAND, and substantial medium to coarse gravel	50%	0.0	
					0.0	
30				50%	0.0	
					0.0	
35				50%	0.0	
40			Boring terminated at 38 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			



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LOG OF BORING B-18

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/29/2020	Northing Coord.	: N/A
Hole Diameter	: 2 inches	Easting Coord.	: N/A
Drilling Method	: Geoprobe Direct Push	Survey By	: N/A
Sampling Method	: N/A	Logged By	: J. Cody

Water Levels
▼ During Drilling
▽ After Completion

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	WATER LEVEL	RECOVERY	TPV	REMARKS
0	CG		CONCRETE				
			NO RECOVERY		0%	0.0	
5					5%		Sample B-18 (8-10') collected
10							
15			Boring refusal at 12 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)				

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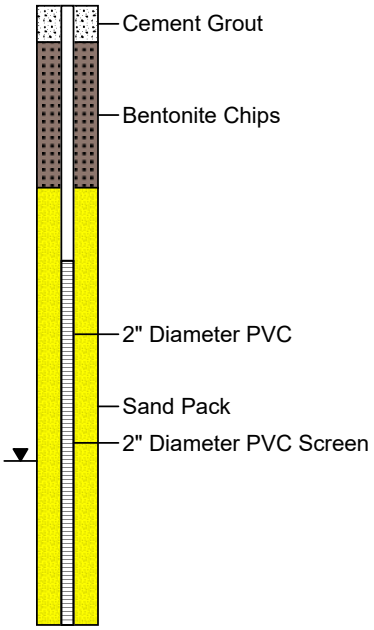
LOG OF BORING MW-34

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/03/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO		TOPSOIL			
	ML		Brown, moist, medium stiff, non plastic, SILT, w/little coarse sand	70%	0.0	
5					0.0	
				80%	0.0	
	SW		Brown, moist, medium dense, fine grained, SAND		0.0	
10					0.0	
	SM		Brown and gray, saturated, medium dense, fine grained, SILTY SAND	70%	0.0	
	SW		Brown, saturated, loose, fine grained, SAND, w/little small gravel		0.4	
15	SW		Brown, saturated, medium dense, fine to coarse grained, SAND, w/small to large gravel	50%	0.2	
					0.2	
20	SW		Gray, saturated, loose, fine to coarse grained, SAND, w/some small to large gravel	40%	0.1	
					0.3	
25				50%	0.4	Sample NW-1 (26-28') collected
					0.5	
	CL		Gray, moist, hard, CLAY, w/little coarse sand		0.2	
30			Boring terminated at 30 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
35						



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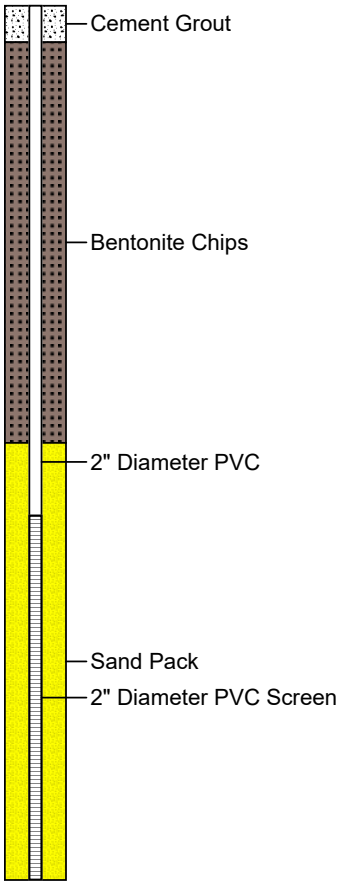
LOG OF BORING MW-35

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/11/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO		TOPSOIL			
	SC		Brown, moist, medium stiff, high plasticity, SANDY CLAY	40%	0.0 0.0	
5	SC		Brown, moist, soft, high plasticity, SANDY CLAY	60%	0.0	
	SW		Brown, moist, dense, fine grained, SAND		0.0	
	SW		Brown, moist, dense, fine grained, SAND		0.0	
10	SC		Dark brown, moist, soft, high plasticity, SANDY CLAY	50%	0.0	
	SW		Brown, moist, dense, fine grained, SAND		0.4	
15				70%	0.7 1.0	Sample NW-2 (17-19') collected
20	SW		Brown, saturated, medium dense, fine grained, SAND		0.0	
	SW		Brown, saturated, loose, fine to coarse grained, SAND, w/some small to larrge gravel	80%	0.1	
25				50%	0.0 0.0	
30	CL		Gray, slightly moist, medium stiff, CLAY, w/little coarse sand and small gravel			
35			Boring terminated at 33 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			



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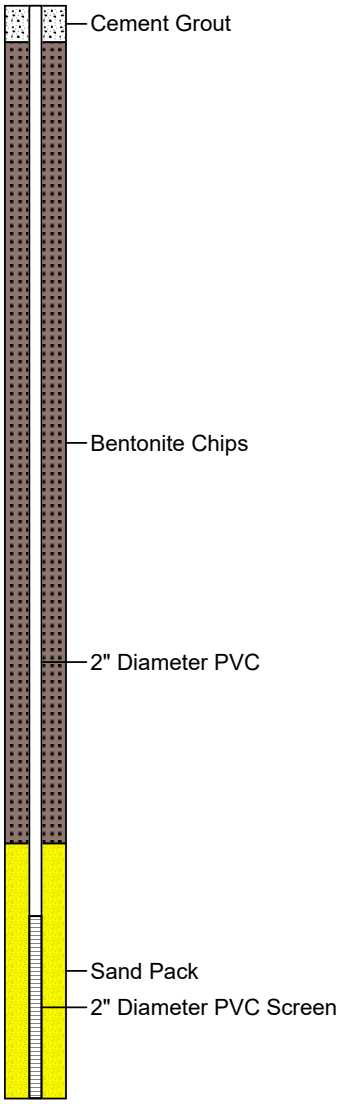
LOG OF BORING MW-35D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/11/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO		TOPSOIL			
	SC		Brown, moist, medium stiff, high plasticity, SANDY CLAY	40%	0.0 0.0	
5	SC		Brown, moist, soft, high plasticity, SANDY CLAY	60%	0.0	
	SW		Brown, moist, dense, fine grained, SAND		0.0	
	SW		Brown, moist, dense, fine grained, SAND		0.0	
10	SC		Dark brown, moist, soft, high plasticity, SANDY CLAY	50%	0.0	
	SW		Brown, moist, dense, fine grained, SAND		0.4	
15				70%	0.7 1.0	Sample NW-2 (17-19') collected
20	SW		Brown, saturated, medium dense, fine grained, SAND	80%	0.0	
	SW		Brown, saturated, loose, fine to coarse grained, SAND, w/some small to larrge gravel		0.1	
25				50%	0.0	
	CL		Gray, slightly moist, medium stiff, CLAY, w/little coarse sand and small gravel		0.0	
30			Boring terminated at 33 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
35						

Well: MW-35D
Elev.:



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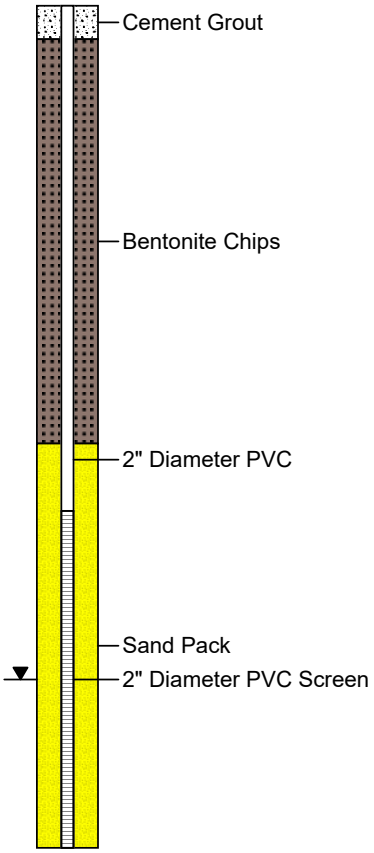
LOG OF BORING MW-37

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/11/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO	TOPSOIL			
	ML	Brown, moist, medium stiff, non plastic, SILT	80%	0.0 0.0	
5	SM	Brown, moist, soft, non plastic, SANDY SILT		0.0	
		Light brown, moist, medium dense, fine grained, SAND	40%	0.0	
10	SW		70%	0.0 1.2 73.5	Sample NW-4 (13-15') collected
15			60%	5.7	
	SW	Brown, moist, medium dense, fine to coarse grained, SAND, w/little small to coarse gravel		3.2	
20	SW	Brown, saturated, loose, fine to coarse grained, SAND	40%	3.0 0.9	
25	SW	Brown, saturated, loose, fine to coarse grained, SAND, w/some small to large gravel	60%	6.0 4.6	
30			30%	1.4 4.4	
35			70%	4.7	
	CL	Gray, moist, hard, high plasticity, CLAY, w/little coarse sand			
40		Boring terminated at 38 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			



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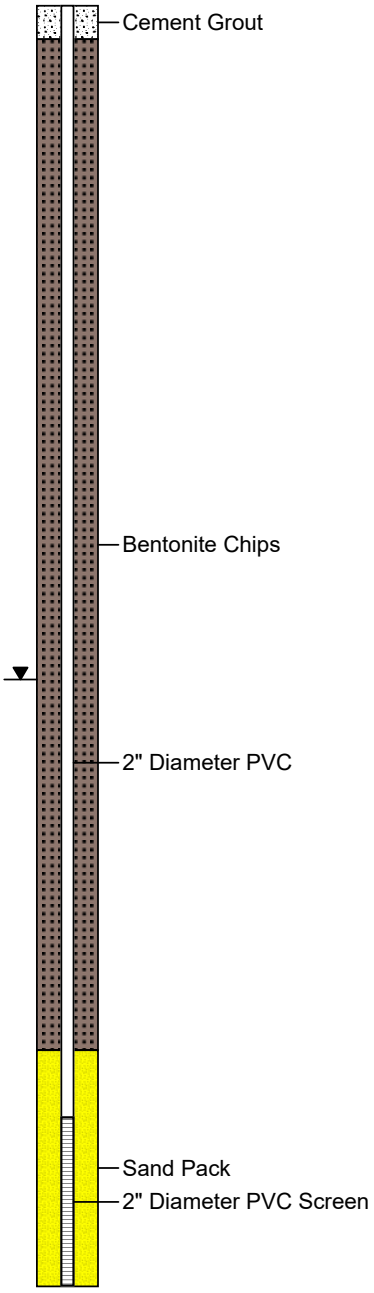
LOG OF BORING MW-37D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/11/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO	TOPSOIL			
	ML	Brown, moist, medium stiff, non plastic, SILT	80%	0.0 0.0	
5	SM	Brown, moist, soft, non plastic, SANDY SILT		0.0	
		Light brown, moist, medium dense, fine grained, SAND	40%	0.0	
10	SW		70%	0.0 1.2	
				73.5	Sample NW-4 (13-15') collected
15			60%	5.7	
	SW	Brown, moist, medium dense, fine to coarse grained, SAND, w/little small to coarse gravel		3.2	
20	SW	Brown, saturated, loose, fine to coarse grained, SAND	40%	3.0 0.9	
25	SW	Brown, saturated, loose, fine to coarse grained, SAND, w/some small to large gravel	60%	6.0 4.6	
30			30%	1.4 4.4	
35			70%	4.7	
	CL	Gray, moist, hard, high plasticity, CLAY, w/little coarse sand			
40		Boring terminated at 38 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			



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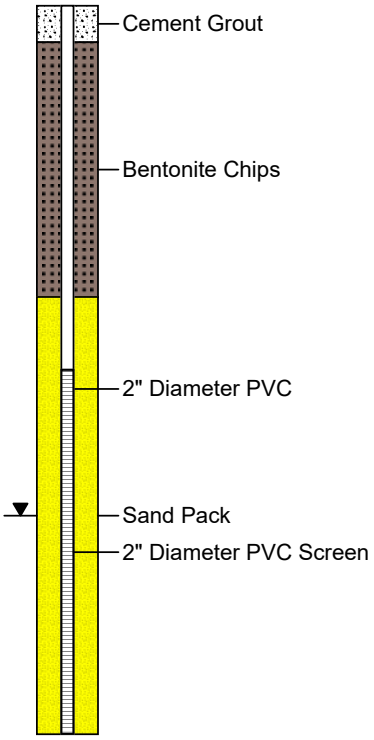
LOG OF BORING MW-38

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/03/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO		TOPSOIL			
	ML		Brown, moist, soft, non plastic, SILT, w/little sand and large gravel	20%	0.0 0.0	
5					0.0	
	CL		Brown, moist, medium stiff, high plasticity, CLAY	80%	0.1	
	CL		Brown, moist, soft, medium plasticity, CLAY, w/some fine sand		0.2	
10	SW		Brown, moist, loose, fine grained, SAND	70%	0.4	Sample NW-5 (12-14') collected
	SW		Brown, saturated, loose, fine to medium grained, SAND		0.5	
15	SW		Brown, saturated, loose, fine to coarse grained, SAND, w/some small to large gravel	70%	0.6 0.4	
20	SW		Brown, saturated, medium dense, fine to medium grained, SAND, w/little small gravel	70%	0.5 0.7	
	SW		Gray, saturated, dense, fine to coarse grained, SAND, w/little small gravel		0.9	
25	SW		Gray, saturated, medium dense, fine to medium grained, SAND, w/some small to large gravel	60%	0.5 0.6	
	CL		Gray, moist, hard, CLAY, w/little coarse sand		0.0	
30			Boring terminated at 30 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
35						

Well: MW-38
Elev.:



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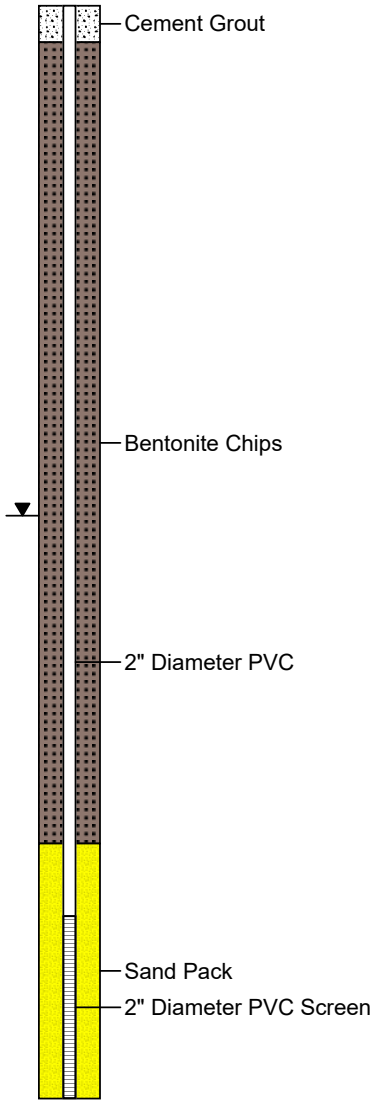
LOG OF BORING MW-38D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/03/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO		TOPSOIL			
	ML		Brown, moist, soft, non plastic, SILT, w/little sand and large gravel	20%	0.0 0.0	
5					0.0	
	CL		Brown, moist, medium stiff, high plasticity, CLAY	80%	0.1	
	CL		Brown, moist, soft, medium plasticity, CLAY, w/some fine sand		0.2	
10	SW		Brown, moist, loose, fine grained, SAND	70%	0.4	Sample NW-5 (12-14') collected
	SW		Brown, saturated, loose, fine to medium grained, SAND		0.5 0.6	
15	SW		Brown, saturated, loose, fine to coarse grained, SAND, w/some small to large gravel	70%	0.4	
20	SW		Brown, saturated, medium dense, fine to medium grained, SAND, w/little small gravel	70%	0.5 0.7	
	SW		Gray, saturated, dense, fine to coarse grained, SAND, w/little small gravel		0.9	
25	SW		Gray, saturated, medium dense, fine to medium grained, SAND, w/some small to large gravel	60%	0.5 0.6	
	CL		Gray, moist, hard, CLAY, w/little coarse sand		0.0	
30			Boring terminated at 30 ft bgs			
			Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
35						

Well: MW-38D
Elev.:



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LOG OF BORING MW-39

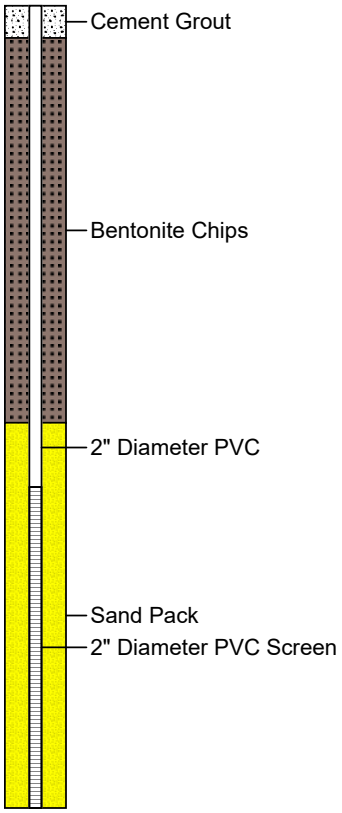
Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/03/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, medium stiff, low plasticity, SILT	60%	0.0 0.0	
5	SW		Brown, moist, loose, fine grained, SAND	60%	0.0 0.0	
10	SW			50%	0.0 0.0	
15	SW			70%	0.0 0.0	
20	SW		Brown, saturated, loose, fine grained, SAND	60%	0.0 0.0	Sample NW-6 (20-22') collected
25	SW		Brown, saturated, loose, medium to coarse grained, SAND, w/trace gravel	50%	0.0 0.0	
30	SW			50%	0.0 0.0	
35	CL		Gray, stiff, CLAY	50%	0.0 0.0	
40			Boring terminated at 40 ft bgs			

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

Well: MW-39
Elev.:



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LOG OF BORING MW-39D

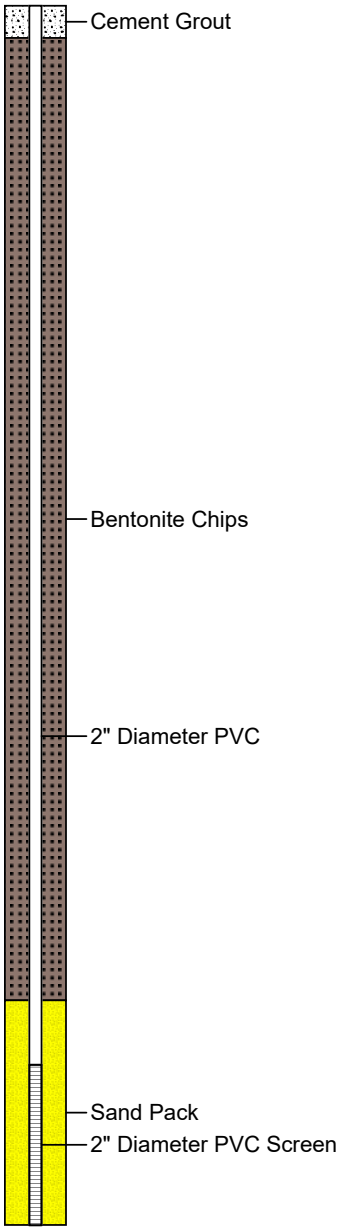
Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/03/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, medium stiff, low plasticity, SILT	60%	0.0 0.0	
5	SW		Brown, moist, loose, fine grained, SAND	60%	0.0 0.0	
10	SW			50%	0.0 0.0	
15	SW			70%	0.0 0.0	
20	SW		Brown, saturated, loose, fine grained, SAND	60%	0.0 0.0	Sample NW-6 (20-22') collected
25	SW		Brown, saturated, loose, medium to coarse grained, SAND, w/trace gravel	50%	0.0 0.0	
30	SW			50%	0.0 0.0	
35	CL		Gray, stiff, CLAY	50%	0.0 0.0	
40			Boring terminated at 40 ft bgs			

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

Well: MW-39D
Elev.:



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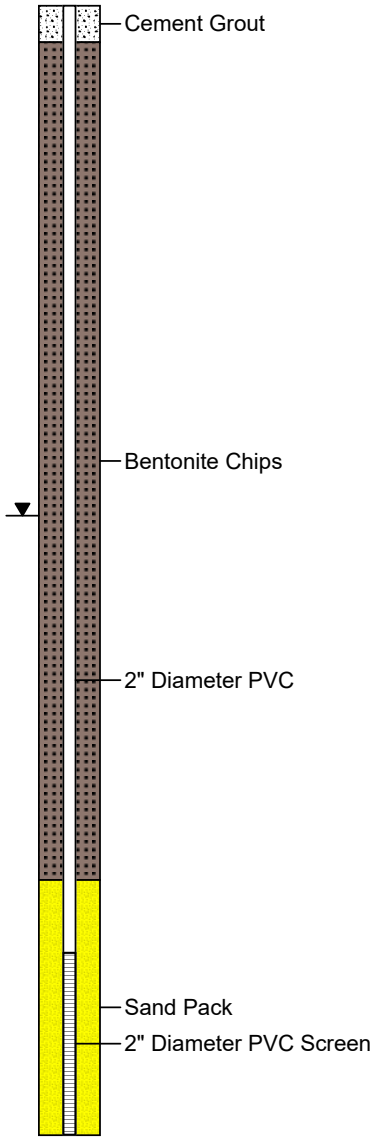
LOG OF BORING MW-40D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Logged By	: V. Shah
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	SW		Brown, moist, loose, fine to medium grained, SAND, w/trace gravel	60%	0.0 0.0	
5	SW		Brown, moist, very loose, fine grained, SAND	80%	0.0 0.0	
10	SW			80%	0.0 0.0	Sample NW-7D (12-14') collected
15	SW		Brown, wet, very loose, fine grained, SAND	80%	0.0 0.0	
	SW		Gray, moist, fine to medium grained, SAND, w/trace gravel			
20	SW		Gray, wet, medium dense, SAND, w/trace gravel and some silt	80%	0.8 2.3	
25	SW			90%	1.7 0.7	
30	CL		Gray, wet, stiff, medium plasticity, CLAY	95%	0.5 0.0	
35			Boring terminated at 35 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			

Well: MW-40D
Elev.:



PATRIOT ENGINEERING and Environmental Inc.
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LOG OF BORING MW-41

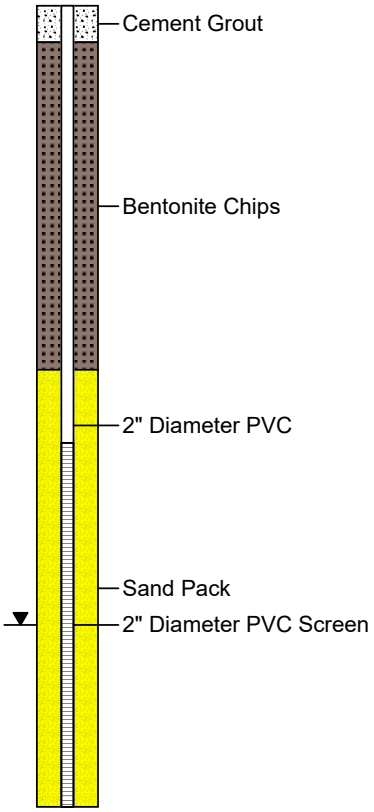
Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/02/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CG		CONCRETE			
	SW		Brown, moist, loose, fine to coarse grained, SAND, w/little large gravel	100%	0.5	
	SM		Brown, moist, medium dense, SILTY SAND		0.8	
	CL		Dark brown, moist, stiff, medium plasticity, CLAY			
5	SW		Brown, moist, medium dense, fine to coarse grained, SAND, w/little large gravel	100%	1.1	
	ML		Brown, moist, medium stiff, non plastic, SILT, w/little coarse sand		1.5	
	SM		Brown, moist, loose, fine to coarse grained, SAND	100%	1.8	
10	SW		Brown, moist, loose, fine to coarse grained, SAND		1.8	
					3.5	
15				60%	4.2	
	SW		Brown, saturated, medium dense, fine to coarse grained, SAND, w/trace small to gravel		4.0	
					7.4	
20				70%	3.6	Sample NW-8 (22-24') collected
					7.7	
25	SW			70%	6.8	
					6.1	
30					7.5	
				70%	1.5	
					1.0	
35	CL		Gray, moist, hard, CLAY, w/little coarse sand and small gravel		1.0	

Boring terminated at 35 ft bgs
Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

Well: MW-41
Elev.:



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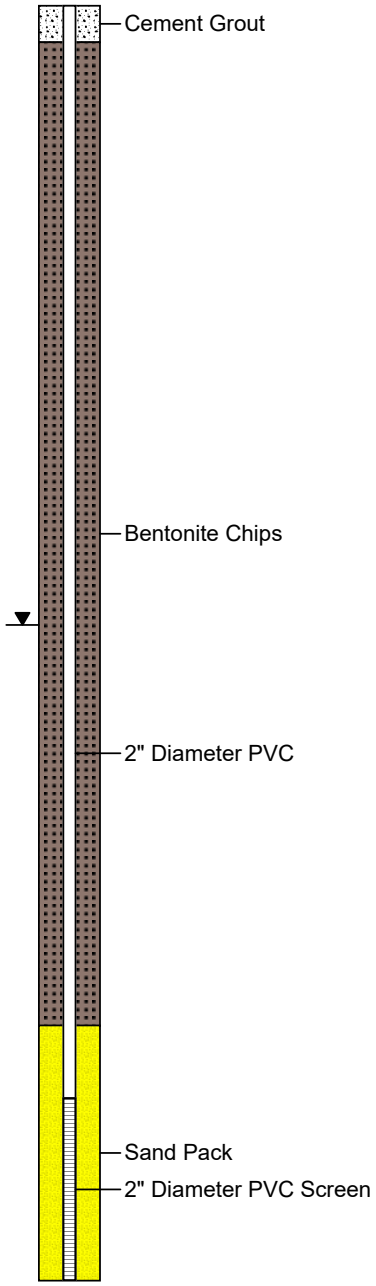
LOG OF BORING MW-41D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/02/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CG		CONCRETE			
	SW		Brown, moist, loose, fine to coarse grained, SAND, w/little large gravel	100%	0.5	
	SM		Brown, moist, medium dense, SILTY SAND		0.8	
	CL					
5	SW		Dark brown, moist, stiff, medium plasticity, CLAY	100%	1.1	
	ML		Brown, moist, medium dense, fine to coarse grained, SAND, w/little large gravel		1.5	
			Brown, moist, medium stiff, non plastic, SILT, w/little coarse sand		1.8	
10	SM		Brown, moist, loose, fine to coarse grained, SAND	100%	1.8	
	SW		Brown, moist, loose, fine to coarse grained, SAND		3.5	
15					4.2	
			Brown, saturated, medium dense, fine to coarse grained, SAND, w/trace small to gravel	60%	4.0	
20					7.4	
				70%	3.6	Sample NW-8 (22-24') collected
					7.7	
25	SW			70%	6.8	
					6.1	
30					7.5	
				70%	1.5	
					1.0	
35	CL		Gray, moist, hard, CLAY, w/little coarse sand and small gravel		1.0	

Boring terminated at 35 ft bgs
Note: TPV = Total Photoionizable Vapors in parts per million (PPM)



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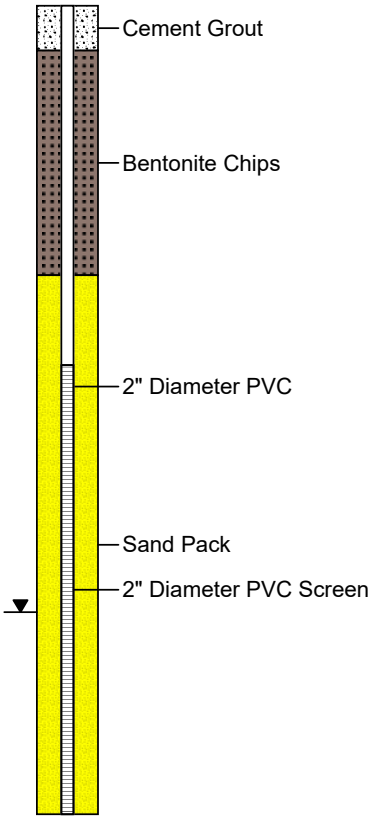
LOG OF BORING MW-42

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/30/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CG		CONCRETE			
	ML		Dark brown, moist, soft, low plasticity, SILT, w/trace large gravel	70%	0.5	
	ML		Brown, slightly moist, stiff, non plastic, SILT, w/some coarse sand		1.3	
5	CL		Dark brown, moist, soft, high plasticity, CLAY	100%	1.1	
	ML		Brown, moist, stiff, non plastic, SILT, w/little coarse sand		0.9	
	SW		Brown, moist, loose, fine to coarse grained, SAND, w/some small to large gravel		1.2	
10	SW		Brown, moist, loose, fine to coarse grained, SAND, w/trace small gravel	60%	0.9	
	SW		Brown, saturated, loose, fine to coarse grained, SAND		1.1	
15	SW		Brown, wet, medium dense, fine to coarse grained, SAND, w/little small gravel	80%	3.0	
					3.6	
20					5.5	
				70%	3.4	
	SW				2.9	
25				0%	6.7	
30						

Well: MW-42
Elev.:



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LOG OF BORING MW-42

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/30/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Well: MW-42
Elev.:

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
30	SW		Brown, wet, medium dense, fine to coarse grained, SAND, w/little small gravel	60%	7.4	Sample NW-9 (30-32') collected
					6.6	
35				50%	5.1	
					4.3	
					6.4	
40				50%	4.5	
					5.1	
45				50%	3.9	
					4.2	
					4.6	
50	CL		Green, moist, hard, CLAY, w/little coarse sand	70%	2.1	
					1.6	
55			Boring terminated at 55 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
60						

PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

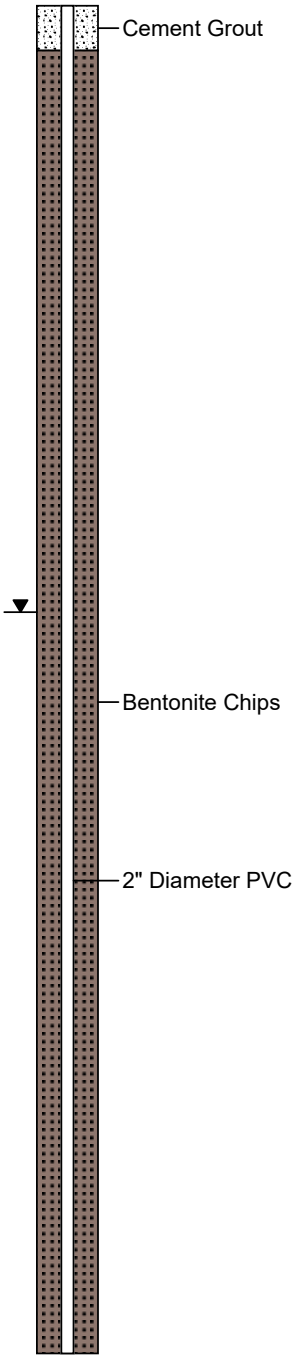
LOG OF BORING MW-42D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/30/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CG		CONCRETE			
	ML		Dark brown, moist, soft, low plasticity, SILT, w/trace large gravel	70%	0.5	
	ML		Brown, slightly moist, stiff, non plastic, SILT, w/some coarse sand		1.3	
5	CL		Dark brown, moist, soft, high plasticity, CLAY	100%	1.1	
	ML		Brown, moist, stiff, non plastic, SILT, w/little coarse sand		0.9	
	SW		Brown, moist, loose, fine to coarse grained, SAND, w/some small to large gravel		1.2	
10	SW		Brown, moist, loose, fine to coarse grained, SAND, w/trace small gravel	60%	0.9	
					1.1	
	SW		Brown, saturated, loose, fine to coarse grained, SAND		3.0	
15				80%	3.6	
					5.5	
20	SW		Brown, wet, medium dense, fine to coarse grained, SAND, w/little small gravel	70%	3.4	
					2.9	
25				0%	6.7	
30						

Well: MW-42D
Elev.:



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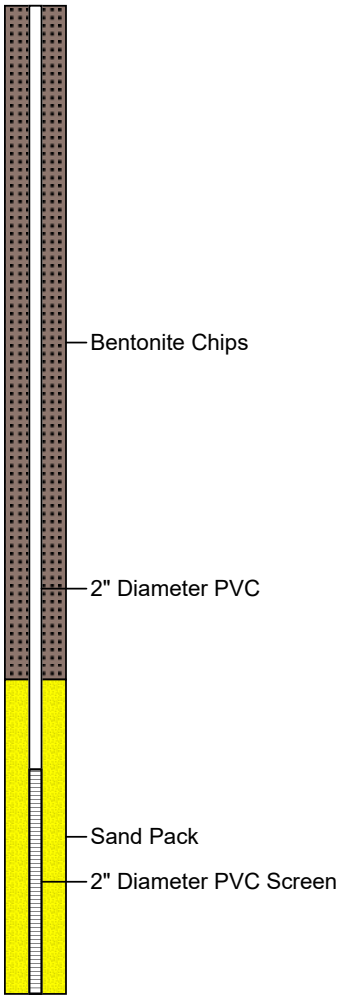
LOG OF BORING MW-42D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/30/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
30	SW		Brown, wet, medium dense, fine to coarse grained, SAND, w/little small gravel	60%	7.4	Sample NW-9 (30-32') collected
					6.6	
35				50%	5.1	
					4.3	
					6.4	
40				50%	4.5	
					5.1	
45				50%	3.9	
					4.2	
					4.6	
50				70%	2.1	
	CL		Green, moist, hard, CLAY, w/little coarse sand		1.6	
55			Boring terminated at 55 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
60						

Well: MW-42D
Elev.:



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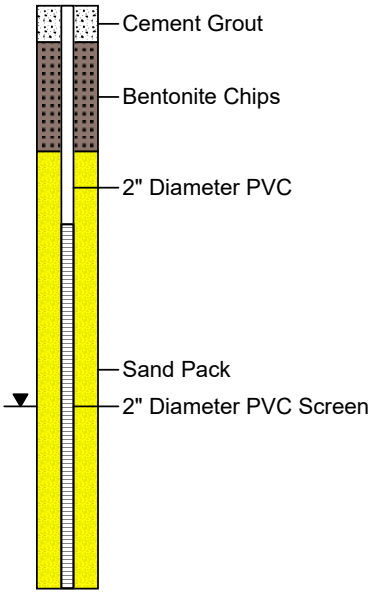
LOG OF BORING MW-43

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, soft, low plasticity, SILT	80%	0.0 0.0	
5	SM		Brown, moist, soft, low plasticity, SANDY SILT	80%	0.6	
	SW		Gray, moist, loose, fine grained, SAND		0.6 0.3	
10	SM		Brown and gray, moist, soft, low plasticity, SANDY SILT	100%	0.5	
	SW		Gray, saturated, loose, fine grained, SAND		0.8	
15	SW		Gray, moist, loose, fine to coarse grained, SAND	100%	0.6 0.9	
20	SW		Gray, moist, fine to coarse grained, SAND, w/little small gravel	60%	1.1 1.2	
	SW		Gray, moist, medium dense, fine grained, SAND		1.0	
	SW		Gray, moist, dense, fine to coarse grained, SAND, w/little small gravel			
25	SW		Gray, saturated, medium dense, fine to coarse grained, SAND, w/some small to large gravel	60%	1.2 0.9	Sample NW-10 (20-22') collected
30	CL		Gray, moist, hard, high plasticity, CLAY, w/trace coarse sand		0.9	
			Boring terminated at 31 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
35						

Well: MW-43
Elev.:



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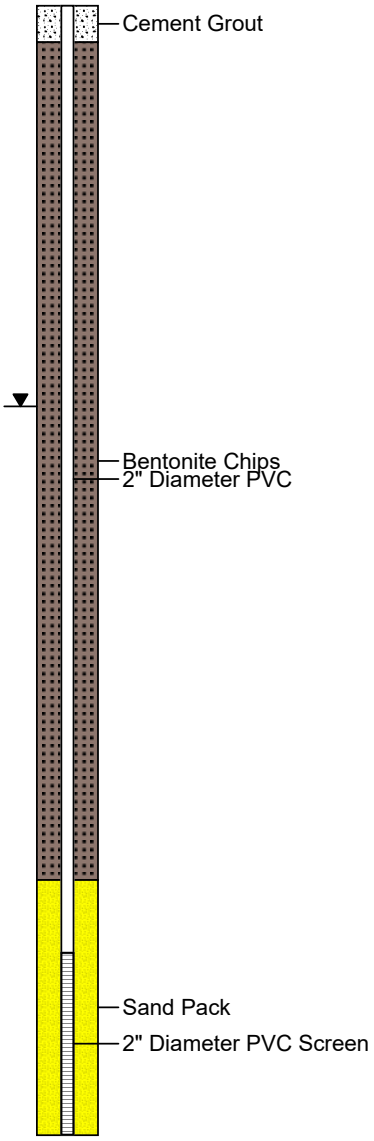
LOG OF BORING MW-43D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/28/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, soft, low plasticity, SILT	80%	0.0 0.0	
5	SM		Brown, moist, soft, low plasticity, SANDY SILT	80%	0.6	
	SW		Gray, moist, loose, fine grained, SAND		0.6 0.3	
10	SM		Brown and gray, moist, soft, low plasticity, SANDY SILT	100%	0.5	
	SW		Gray, saturated, loose, fine grained, SAND		0.8	
15	SW		Gray, moist, loose, fine to coarse grained, SAND	100%	0.6 0.9	
20	SW		Gray, moist, fine to coarse grained, SAND, w/little small gravel	60%	1.1 1.2	
	SW		Gray, moist, medium dense, fine grained, SAND		1.0	
	SW		Gray, moist, dense, fine to coarse grained, SAND, w/little small gravel			
25	SW		Gray, saturated, medium dense, fine to coarse grained, SAND, w/some small to large gravel	60%	1.2 0.9	Sample NW-10 (20-22') collected
30	CL		Gray, moist, hard, high plasticity, CLAY, w/trace coarse sand		0.9	
35			Boring terminated at 31 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			



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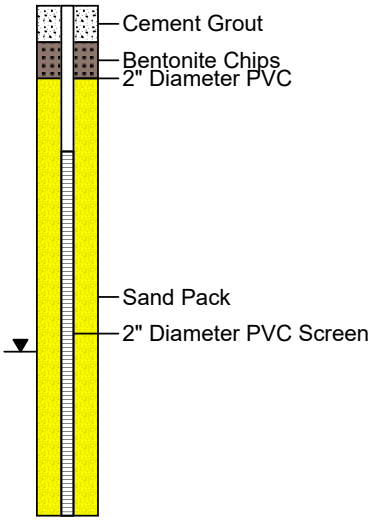
LOG OF BORING MW-44

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/30/2020	Logged By	: D. Lam
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, medium stiff, CLAYEY SILT, w/trace coarse sand	60%	0.5	
5	SM		Brown, dry, medium dense, medium to coarse grained, SAND with SILT and trace gravel	60%	0.0	Sample NW-11 (9') collected
10	SM		Brown, saturated, medium dense, fine grained, SILTY SAND	40%	0.0	
15	SM		Brown, saturated, medium dense, fine to coarse grained, SILTY SAND	40%	0.0	
20	SM		Brown, saturated, dense, fine to coarse grained, SILTY SAND	50%	0.0	
25				40%	0.0	
	CL		Dark gray, dry, hard, CLAY, w/trace coarse sand			
30			Boring terminated at 29 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
35						

Well: MW-44
Elev.:



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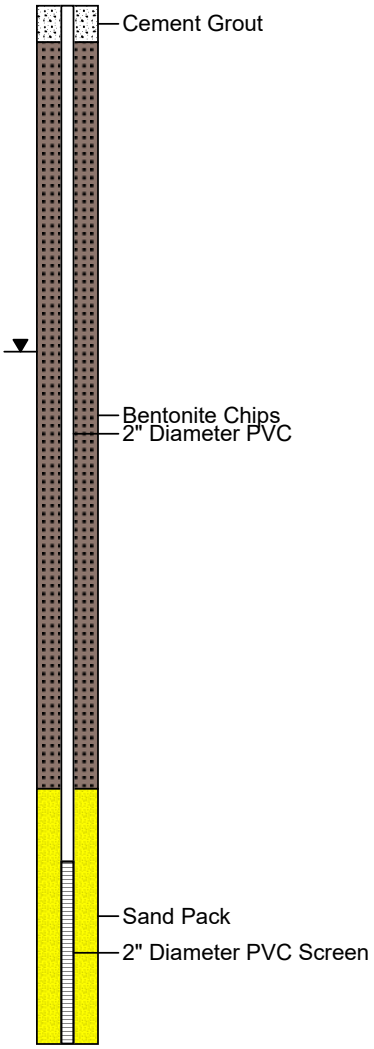
LOG OF BORING MW-44D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/30/2020	Logged By	: D. Lam
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, medium stiff, CLAYEY SILT, w/trace coarse sand	60%	0.5	
5	SM		Brown, dry, medium dense, medium to coarse grained, SAND with SILT and trace gravel	60%	0.0	Sample NW-11 (9') collected
10	SM		Brown, saturated, medium dense, fine grained, SILTY SAND	40%	0.0	
15	SM		Brown, saturated, medium dense, fine to coarse grained, SILTY SAND	40%	0.0	
20	SM		Brown, saturated, dense, fine to coarse grained, SILTY SAND	50%	0.0	
25	CL		Dark gray, dry, hard, CLAY, w/trace coarse sand	40%	0.0	
30			Boring terminated at 29 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
35						

Well: MW-44D
Elev.:



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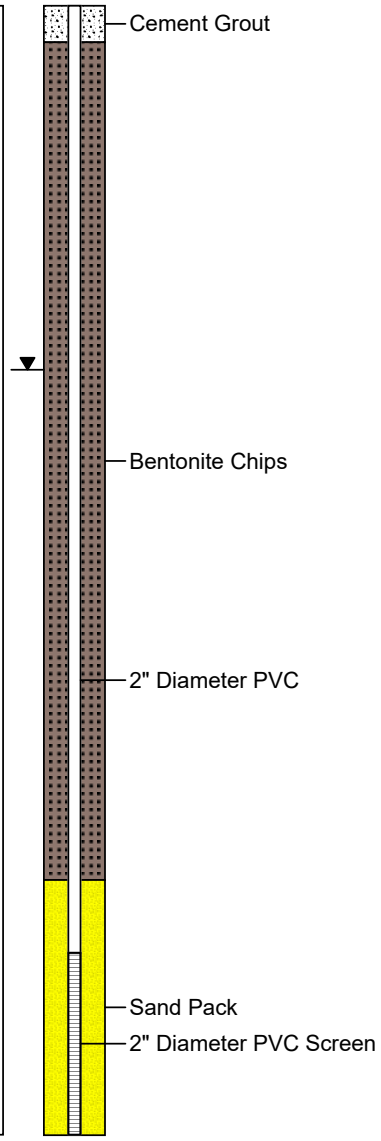
LOG OF BORING MW-45D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 10/30/2020	Logged By	: D. Lam
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	SM		Brown, dry, soft, SANDY SILT, w/trace gravel	80%	0.0	
5	SW		Brown, dry, loose, fine grained, SAND, w/trace gravel	70%	0.0	Sample NW-12 (9') collected
10	SW		Brown, saturated, loose to medium dense, medium grained, SAND, w/trace gravel	50%	0.0	
15	SW		Brown, saturated, medium dense to loose, medium to coarse grained, SAND, w/trace silt and gravel	45%	0.0	
20	SW		Light brown, saturated, dense, coarse grained, SAND, w/trace silt	40%	0.0	
25				40%		
30	CL		Dark gray, dry, hard, CLAY, w/trace coarse grained sand			
35			Boring terminated at 31 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			

Well: MW-45D
Elev.:



PATRIOT ENGINEERING and Environmental Inc.
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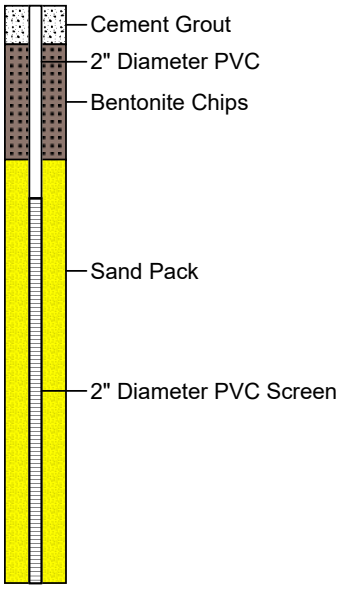
LOG OF BORING MW-46

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/06/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO	TOPSOIL	60%	0.0	
	GW	Gray, moist, loose, small to large GRAVEL w/some sand		0.0	
5	CL	Gray and brown, moist, medium stiff, high plasticity, CLAY, w/little small gravel	60%	0.0	
	SW	Brown, moist, loose, fine to coarse grained, SAND		0.0	Sample NW-13 (7-9') collected
10	SW	Gray, saturated, loose, medium to coarse grained, SAND, w/some small to large gravel	50%	0.0	
15				0.0	
			50%	0.0	
20				0.0	
			20%	0.0	
25				0.0	
		Gray, moist, medium dense, medium to coarse grained, SAND, w/trace gravel	50%	0.0	
30	SW			0.0	
			50%	0.0	
35					

Well: MW-46
Elev.:



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LOG OF BORING MW-46

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/06/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Well: MW-46
Elev.:

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
35	SW		Gray, moist, medium dense, medium to coarse grained, SAND, w/trace gravel	50%	0.0	
					0.0	
40	SW		Gray, moist, medium dense, medium to coarse grained, SAND	50%	0.0	
					0.0	
45	SW		Gray, saturated, medium dense, medium to coarse grained, SAND, w/some small to large gravel	40%	0.1	
					0.0	
50				30%	0.0	
					0.0	
55				20%	0.0	
					0.0	
60				50%	0.0	
					0.0	
65				40%	0.4	
					0.4	
70						

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LOG OF BORING MW-46

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/06/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Well: MW-46
Elev.:

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
70	SW		Gray, saturated, medium dense, medium to coarse grained, SAND, w/some small to large gravel	50%	0.0	
					0.0	
75				30%	0.0	
					0.0	
80				20%	0.0	
					0.0	
85				50%	0.0	
					0.0	
90				50%	0.0	
					0.0	
95				70%		
	CL		Gray, moist, stiff, high plasticity, CLAY			
	ML		Dark brown, moist, hard, non plastic, SILT			
100			Boring terminated at 100 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
105						

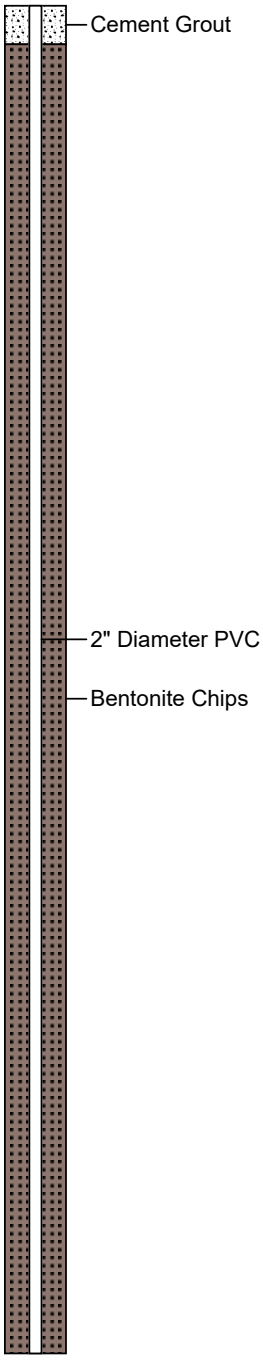
PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING MW-46D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/06/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO	TOPSOIL			
	GW	Gray, moist, loose, small to large GRAVEL w/some sand	60%	0.0	
	CL	Gray and brown, moist, medium stiff, high plasticity, CLAY, w/little small gravel		0.0	
5	SW	Brown, moist, loose, fine to coarse grained, SAND	60%	0.0	Sample NW-13 (7-9') collected
				0.0	
10	SW	Gray, saturated, loose, medium to coarse grained, SAND, w/some small to large gravel	50%	0.0	
				0.0	
15			50%	0.0	
				0.0	
20			20%	0.0	
				0.0	
25	SW	Gray, moist, medium dense, medium to coarse grained, SAND, w/trace gravel	50%	0.0	
				0.0	
30			50%	0.0	
				0.0	
35					



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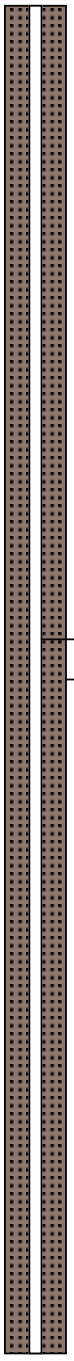
LOG OF BORING MW-46D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/06/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
35	SW		Gray, moist, medium dense, medium to coarse grained, SAND, w/trace gravel	50%	0.0	
					0.0	
40	SW		Gray, moist, medium dense, medium to coarse grained, SAND	50%	0.0	
					0.0	
45	SW		Gray, saturated, medium dense, medium to coarse grained, SAND, w/some small to large gravel	40%	0.1	
					0.0	
50				30%	0.0	
					0.0	
55				20%	0.0	
					0.0	
60				50%	0.0	
					0.0	
65				40%	0.4	
					0.4	
70						

Well: MW-46D
Elev.:



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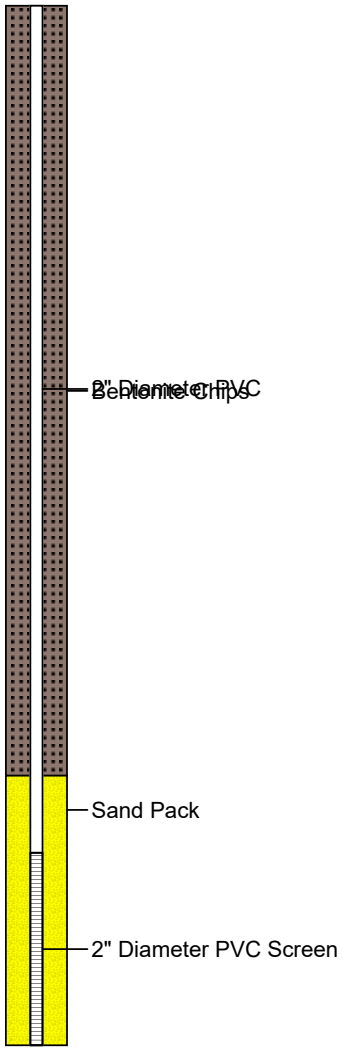
LOG OF BORING MW-46D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/06/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Well: MW-46D
Elev.:

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
70	SW		Gray, saturated, medium dense, medium to coarse grained, SAND, w/some small to large gravel	50%	0.0	
					0.0	
75				30%	0.0	
					0.0	
80				20%	0.0	
					0.0	
85				50%	0.0	
					0.0	
90				50%	0.0	
					0.0	
95				70%		
	CL		Gray, moist, stiff, high plasticity, CLAY			
	ML		Dark brown, moist, hard, non plastic, SILT			
100			Boring terminated at 100 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
105						



PATRIOT ENGINEERING and Environmental Inc.
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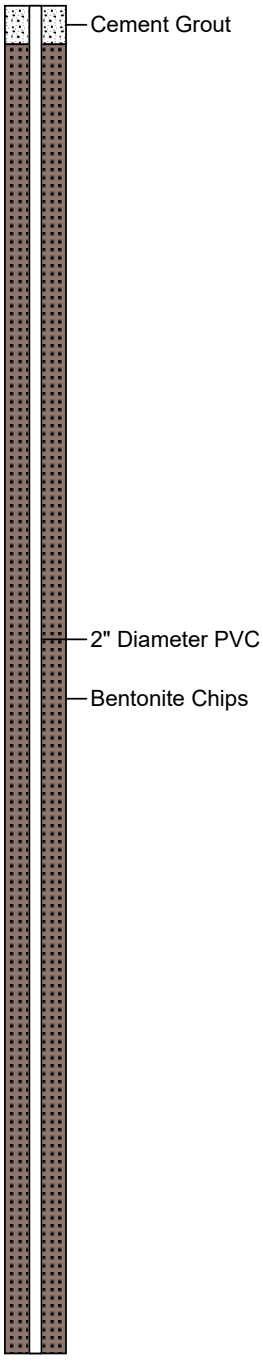
LOG OF BORING MW-46I

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/06/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO	TOPSOIL	60%	0.0	
	GW	Gray, moist, loose, small to large GRAVEL w/some sand		0.0	
5	CL	Gray and brown, moist, medium stiff, high plasticity, CLAY, w/little small gravel	60%	0.0	
	SW	Brown, moist, loose, fine to coarse grained, SAND		0.0	Sample NW-13 (7-9') collected
10	SW	Gray, saturated, loose, medium to coarse grained, SAND, w/some small to large gravel	50%	0.0	
15				0.0	
			50%	0.0	
20				0.0	
			20%	0.0	
25				0.0	
		Gray, moist, medium dense, medium to coarse grained, SAND, w/trace gravel	50%	0.0	
30	SW			0.0	
			50%	0.0	
35					

Well: MW-46I
Elev.:



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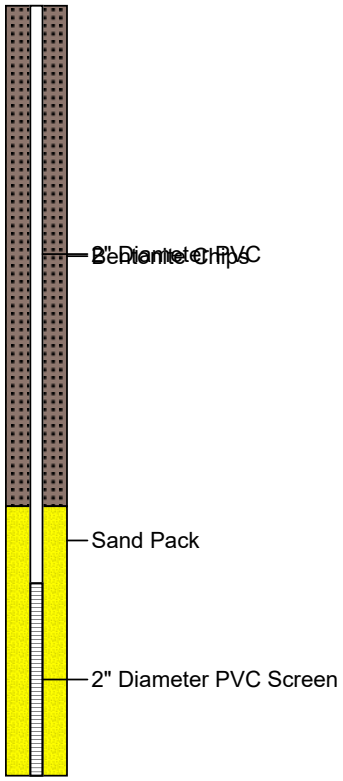
LOG OF BORING MW-46I

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/06/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
35	SW		Gray, moist, medium dense, medium to coarse grained, SAND, w/trace gravel	50%	0.0	
					0.0	
40	SW		Gray, moist, medium dense, medium to coarse grained, SAND	50%	0.0	
					0.0	
45	SW		Gray, saturated, medium dense, medium to coarse grained, SAND, w/some small to large gravel	40%	0.1	
					0.0	
50				30%	0.0	
					0.0	
55				20%	0.0	
					0.0	
60				50%	0.0	
					0.0	
65				40%	0.4	
					0.4	
70						

Well: MW-46I
Elev.:



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LOG OF BORING MW-46I

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/06/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Well: MW-46I
Elev.:

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
70	SW		Gray, saturated, medium dense, medium to coarse grained, SAND, w/some small to large gravel	50%	0.0	
					0.0	
75				30%	0.0	
					0.0	
80				20%	0.0	
					0.0	
85				50%	0.0	
					0.0	
90				50%	0.0	
					0.0	
95				70%		
	CL		Gray, moist, stiff, high plasticity, CLAY			
	ML		Dark brown, moist, hard, non plastic, SILT			
100			Boring terminated at 100 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
105						

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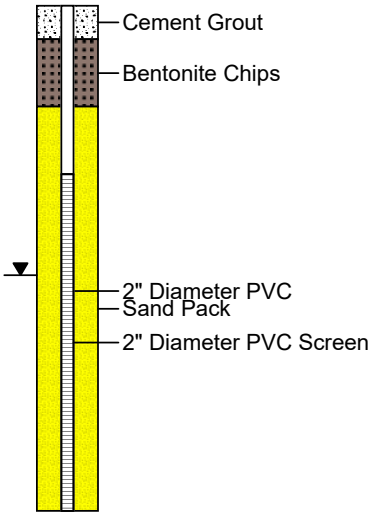
LOG OF BORING MW-47

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/04/2020	Logged By	: J. Cody
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, soft, medium plasticity, SILT	40%	0.0 0.0	
5				80%	0.0 0.0	
10	SW		Gray, saturated, loose, SAND	60%	0.0 0.0	
15				60%	0.0 0.0	
20	SW		Brown, saturated, loose, medium to coarse grained, SAND	50%	0.0 0.0	Sample NW-14 (23-25') collected
25				30%	0.0 0.0	
30				30%	0.0 0.0	
35	SW		Brown, saturated, soft, fine grained, SAND	50%	0.0 0.0	
40						

Well: MW-47
Elev.:



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LOG OF BORING MW-47

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/04/2020	Logged By	: J. Cody
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Well: MW-47
Elev.:

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
40	SW		Brown, saturated, soft, fine grained, SAND	50%	0.0 0.0	
45				40%	0.0 0.0	
50				40%	0.0 0.0	
55				50%	0.0 0.0	
60				50%	0.0 0.0	
65				50%	0.0 0.0	
70	CL		Gray, stiff, high plasticity, CLAY			
75			Boring terminated at 70 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
80						

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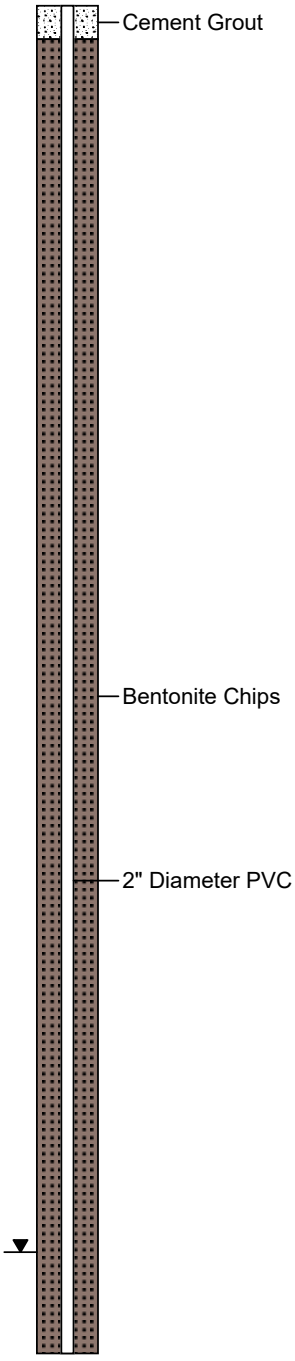
LOG OF BORING MW-47D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/04/2020	Logged By	: J. Cody
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, soft, medium plasticity, SILT	40%	0.0 0.0	
5				80%	0.0 0.0	
10	SW		Gray, saturated, loose, SAND	60%	0.0 0.0	
15				60%	0.0 0.0	
20	SW		Brown, saturated, loose, medium to coarse grained, SAND	50%	0.0 0.0	Sample NW-14 (23-25') collected
25				30%	0.0 0.0	
30				30%	0.0 0.0	
35				50%	0.0 0.0	
40	SW		Brown, saturated, soft, fine grained, SAND			

Well: MW-47D
Elev.:



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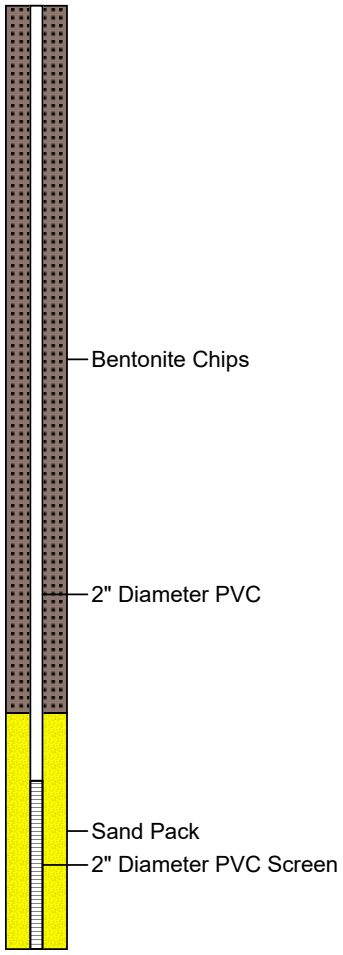
LOG OF BORING MW-47D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/04/2020	Logged By	: J. Cody
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Well: MW-47D
Elev.:

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
40	SW		Brown, saturated, soft, fine grained, SAND	50%	0.0	
					0.0	
45				40%	0.0	
					0.0	
50				40%	0.0	
					0.0	
55				50%	0.0	
					0.0	
60				50%	0.0	
					0.0	
65				50%	0.0	
					0.0	
70	CL		Gray, stiff, high plasticity, CLAY			
			Boring terminated at 70 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
75						
80						



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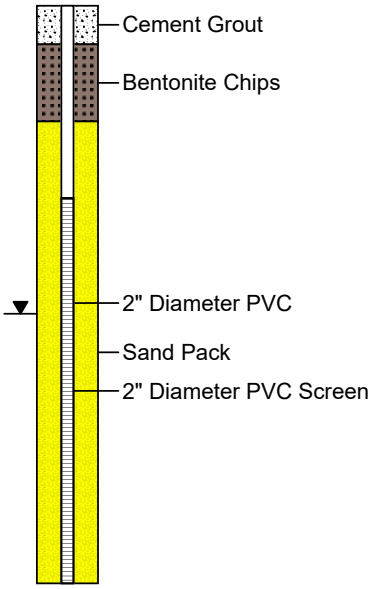
LOG OF BORING MW-48

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/04/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO		TOPSOIL			
	ML		Brown, moist, medium stiff, non plastic, SILT, w/trace coarse sand	80%	0.4 0.4	
5	SW		Brown, moist, loose, fine to coarse grained, SAND, w/some small and large gravel	60%	0.3 0.0	
	SW		Brown, saturated, loose, medium to coarse grained, SAND, w/somee small to large gravel		0.0	
10	SW		Gray, saturated, medium dense, medium to coarse grained, SAND, w/little small gravel	70%	0.9 1.2	
15	ML		Gray, moist, stiff, low plasticity, SILT, w/trace coarse gravel	80%	0.4 0.2 0.9	
20	ML		Gray, moist, stiff, SILT, w/trace sand and small to large gravel	100%	1.3 1.5	Sample NW-15 (24-26') collected
25	ML		Gray, moist, stiff, SILT, w/trace coarse sand	100%	1.7 1.2	
	SW		Gray, saturated, loose, fine to coarse grained, SAND		1.6	
30	ML		Gray, moist, stiff, SILT, w/trace coarse sand	90%	0.4 0.2	
35	SW		Gray, saturated, loose, fine to coarse grained, SAND, w/some small gravel			



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LOG OF BORING MW-48

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/04/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Well: MW-48
Elev.:

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
35	SW		Gray, saturated, loose, fine grained, SAND	60%	0.9	
					0.4	
	SW		Gray, saturated, medium dense, fine to coarse grained, SAND, w/some small gravel		0.2	
40	SW		Gray, saturated, medium dense, fine to coarse grained, SAND, w/some small gravel	70%	0.4	
	ML		Gray, moist, stiff, low plasticity, SILT, w/little coarse sand and small gravel		0.4	
45	SW		Gray, saturated, loose, fine to medium grained, SAND	80%	0.2	
	ML		Gray, moist, hard, low plasticity, w/little coarse sand and small gravel		0.3	
	SW		Gray, saturated, dense, fine grained, SAND		0.3	
50	ML		Gray, moist, hard, low plasticity, SILT, w/little coarse sand and small gravel	80%	0.4	
	SM		Gray, saturated, dense, fine grained, SILTY SAND		0.3	
55	CL		Gray, saturated, soft, high plasticity, CLAY, w/little fine sand	20%	0.0	
					0.0	
60					0.0	
			Boring terminated at 60 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
65						
70						

PATRIOT ENGINEERING and Environmental Inc.
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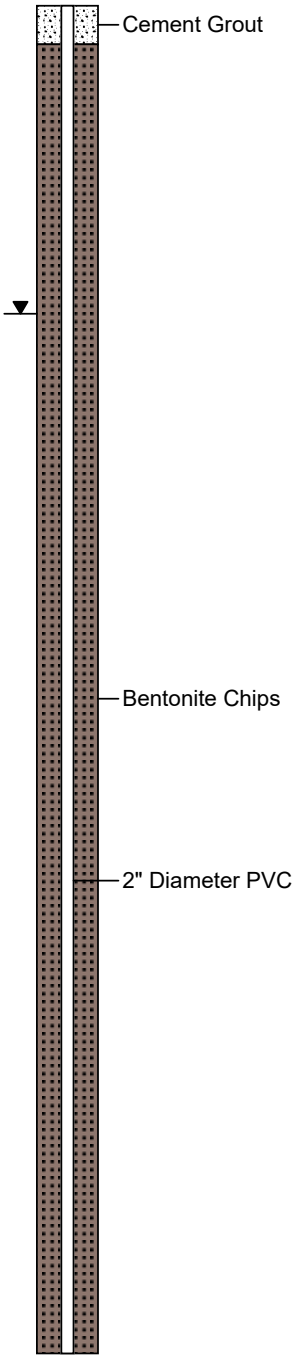
LOG OF BORING MW-48D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/04/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	CO		TOPSOIL			
	ML		Brown, moist, medium stiff, non plastic, SILT, w/trace coarse sand	80%	0.4 0.4	
5	SW		Brown, moist, loose, fine to coarse grained, SAND, w/some small and large gravel	60%	0.3 0.0	
	SW		Brown, saturated, loose, medium to coarse grained, SAND, w/somee small to large gravel		0.0	
10	SW		Gray, saturated, medium dense, medium to coarse grained, SAND, w/little small gravel	70%	0.9 1.2	
15	ML		Gray, moist, stiff, low plasticity, SILT, w/trace coarse gravel	80%	0.4 0.2 0.9	
20	ML		Gray, moist, stiff, SILT, w/trace sand and small to large gravel	100%	1.3 1.5	Sample NW-15 (24-26') collected
25	ML		Gray, moist, stiff, SILT, w/trace coarse sand	100%	1.7 1.2	
	SW		Gray, saturated, loose, fine to coarse grained, SAND		1.6	
30	ML		Gray, moist, stiff, SILT, w/trace coarse sand	90%	0.4 0.2	
35	SW		Gray, saturated, loose, fine to coarse grained, SAND, w/some small gravel			



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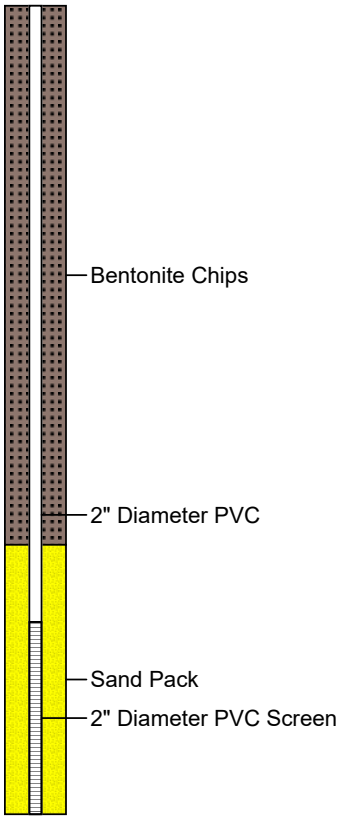
LOG OF BORING MW-48D

Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/04/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
35	SW		Gray, saturated, loose, fine grained, SAND	60%	0.9	
					0.4	
	SW		Gray, saturated, medium dense, fine to coarse grained, SAND, w/some small gravel		0.2	
40	SW		Gray, saturated, medium dense, fine to coarse grained, SAND, w/some small gravel	70%	0.4	
	ML		Gray, moist, stiff, low plasticity, SILT, w/little coarse sand and small gravel		0.4	
45	SW		Gray, saturated, loose, fine to medium grained, SAND	80%	0.2	
	ML		Gray, moist, hard, low plasticity, w/little coarse sand and small gravel		0.3	
50	SW		Gray, saturated, dense, fine grained, SAND		0.3	
	ML		Gray, moist, hard, low plasticity, SILT, w/little coarse sand and small gravel	80%	0.4	
	SM		Gray, saturated, dense, fine grained, SILTY SAND		0.3	
55	CL		Gray, saturated, soft, high plasticity, CLAY, w/little fine sand	20%	0.0	
					0.0	
60					0.0	
65			Boring terminated at 60 ft bgs Note: TPV = Total Photoionizable Vapors in parts per million (PPM)			
70						

Well: MW-48D
Elev.:



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LOG OF BORING MW-49

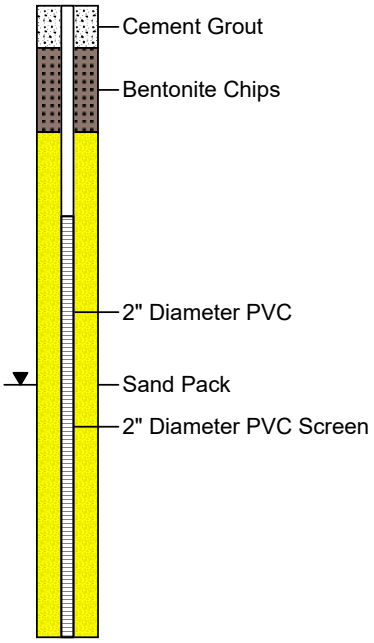
Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/10/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, medium stiff, low plasticity, SILT, w/little small gravel	40%	0.0 0.3	
5	SW		Brown, moist, loose, fine to coarse grained, SAND, w/some small gravel			
	SW		Brown, moist, loose, fine to coarse grained, SAND, w/some small to large gravel	60%	0.1 0.2	
10	SW		Brown, saturated, loose, medium to coarse grained, SAND, w/some small to large gravel	50%	0.0 0.5	
	SW		Gray, saturated, loose, medium to coarse grained, SAND, w/some small to large gravel			
15	CL		Gray, moist, very stiff, high plasticity, CLAY, w/little coarse sand	90%	0.6 2.3	Sample NW-16 (18-20') collected
20	SC		Gray, saturated, dense, fine grained, CLAYEY SAND	90%	0.6 1.1	
25	CL		Gray, moist, very stiff, high plasticity, CLAY, w/little coarse sand and small gravel	90%	0.7	
	SW		Gray, saturated, loose, medium to coarse grained, SAND, w/little small to large gravel		0.4	
	CL		Gray, moist, hard, high plasticity, CLAY			
30			Boring terminated at 30 ft bgs			

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

Well: MW-49
Elev.:



PATRIOT ENGINEERING and Environmental Inc.
Indianapolis, Terre Haute, Evansville, Fort Wayne, Lafayette, Bloomington Louisville, KY Dayton, Cincinnati, OH

LOG OF BORING MW-49D

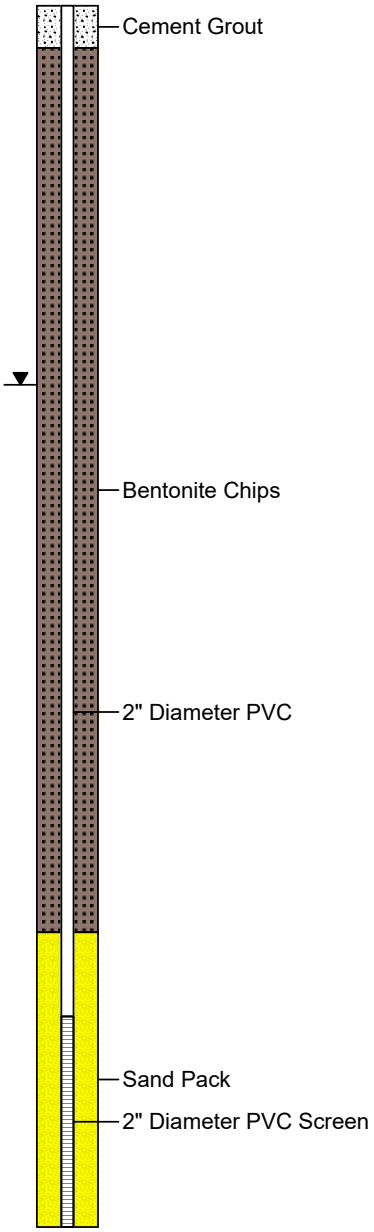
Former Houghland Tomato Cannery FSI #4
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project No.	: 20-0963-01E	Company Rep.	: Patriot Drilling
Boring Date	: 11/10/2020	Logged By	: M. Runyon
Hole Diameter	: 2 inches		
Drilling Method	: DPT/HSA		
Sampling Method	: N/A		

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	RECOVERY	TPV	REMARKS
0	ML		Brown, moist, medium stiff, low plasticity, SILT, w/little small gravel	40%	0.0 0.3	
	SW		Brown, moist, loose, fine to coarse grained, SAND, w/some small gravel			
5	SW		Brown, moist, loose, fine to coarse grained, SAND, w/some small to large gravel	60%	0.1 0.2	
10	SW		Brown, saturated, loose, medium to coarse grained, SAND, w/some small to large gravel	50%	0.0 0.5	
	SW		Gray, saturated, loose, medium to coarse grained, SAND, w/some small to large gravel			
15	CL		Gray, moist, very stiff, high plasticity, CLAY, w/little coarse sand	90%	0.6 2.3	Sample NW-16 (18-20') collected
20	SC		Gray, saturated, dense, fine grained, CLAYEY SAND	90%	0.6 1.1	
25	CL		Gray, moist, very stiff, high plasticity, CLAY, w/little coarse sand and small gravel	90%	0.7	
	SW		Gray, saturated, loose, medium to coarse grained, SAND, w/little small to large gravel		0.4	
	CL		Gray, moist, hard, high plasticity, CLAY			
30			Boring terminated at 30 ft bgs			

Note: TPV = Total Photoionizable Vapors in parts per million (PPM)

Well: MW-49D
Elev.:



APPENDIX D

POTENTIAL SOURCE AREA LABORATORY ANALYTICAL REPORT

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

November 06, 2020

Mr. James Cody
Patriot Engineering
6150 E 75th St
Indianapolis, IN 46250

RE: Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Dear Mr. Cody:

Enclosed are the analytical results for sample(s) received by the laboratory on October 30, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Indianapolis

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

Sincerely,

Tina Sayer

Tina Sayer
tina.sayer@pacelabs.com
(317)228-3100
Project Manager

Enclosures

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project:	Houghland Canning FSI #4
Pace Project No.:	50271804

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Laboratory #: 999788130
USDA Soil Permit #: P330-19-00257

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50271804001	**B12(5-7)**	Solid	10/29/20 13:50	10/30/20 16:18
50271804002	**B13**	Solid	10/29/20 09:55	10/30/20 16:18
50271804003	**B14 (8-10)**	Solid	10/29/20 13:05	10/30/20 16:18
50271804004	**B15 (4-5)**	Solid	10/29/20 14:25	10/30/20 16:18
50271804005	**B16 (7-9)**	Solid	10/29/20 10:22	10/30/20 16:18
50271804006	**B17 (7-9)**	Solid	10/29/20 10:55	10/30/20 16:18
50271804007	**B18 (8-10)**	Solid	10/29/20 12:00	10/30/20 16:18
50271804008	**Trip Blank**	Solid	10/29/20 08:00	10/30/20 16:18

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50271804001	**B12(5-7)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271804002	**B13**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271804003	**B14 (8-10)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271804004	**B15 (4-5)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271804005	**B16 (7-9)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271804006	**B17 (7-9)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271804007	**B18 (8-10)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271804008	**Trip Blank**	EPA 8260	RSW	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50271804001	**B12(5-7)**					
EPA 8260	Tetrachloroethene	0.035	mg/kg	0.0051	11/04/20 02:46	
EPA 8260	Trichloroethene	0.17	mg/kg	0.0051	11/04/20 02:46	
SM 2540G	Percent Moisture	4.1	%	0.10	11/02/20 15:05	N2
50271804002	**B13**					
EPA 8260	cis-1,2-Dichloroethene	0.045	mg/kg	0.0050	11/04/20 03:20	
EPA 8260	Tetrachloroethene	0.093	mg/kg	0.0050	11/04/20 03:20	
EPA 8260	Trichloroethene	16.0	mg/kg	0.47	11/05/20 20:49	
SM 2540G	Percent Moisture	3.1	%	0.10	11/02/20 15:05	N2
50271804003	**B14 (8-10)**					
EPA 8260	Tetrachloroethene	0.036	mg/kg	0.0053	11/04/20 03:54	
EPA 8260	Trichloroethene	0.97	mg/kg	0.30	11/05/20 21:22	
SM 2540G	Percent Moisture	3.5	%	0.10	11/02/20 15:05	N2
50271804004	**B15 (4-5)**					
EPA 8260	Tetrachloroethene	0.015	mg/kg	0.0045	11/04/20 00:32	
EPA 8260	Trichloroethene	0.028	mg/kg	0.0045	11/04/20 00:32	
SM 2540G	Percent Moisture	14.7	%	0.10	11/02/20 15:05	N2
50271804005	**B16 (7-9)**					
EPA 8260	Tetrachloroethene	0.083	mg/kg	0.0053	11/04/20 01:05	
EPA 8260	Trichloroethene	0.17	mg/kg	0.0053	11/04/20 01:05	
SM 2540G	Percent Moisture	13.0	%	0.10	11/02/20 15:06	N2
50271804006	**B17 (7-9)**					
EPA 8260	Tetrachloroethene	0.052	mg/kg	0.0059	11/04/20 01:39	
EPA 8260	Trichloroethene	0.18	mg/kg	0.0059	11/04/20 01:39	
SM 2540G	Percent Moisture	10.8	%	0.10	11/02/20 15:06	N2
50271804007	**B18 (8-10)**					
EPA 8260	Tetrachloroethene	4.3	mg/kg	0.70	11/04/20 04:27	
EPA 8260	Trichloroethene	149	mg/kg	33.0	11/05/20 21:55	
SM 2540G	Percent Moisture	16.3	%	0.10	11/02/20 15:06	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B12(5-7) **Lab ID: 50271804001** Collected: 10/29/20 13:50 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.10	1		11/04/20 02:46	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/04/20 02:46	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/04/20 02:46	107-13-1	
Benzene	ND	mg/kg	0.0051	1		11/04/20 02:46	71-43-2	
Bromobenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	108-86-1	
Bromochloromethane	ND	mg/kg	0.0051	1		11/04/20 02:46	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0051	1		11/04/20 02:46	75-27-4	
Bromoform	ND	mg/kg	0.0051	1		11/04/20 02:46	75-25-2	
Bromomethane	ND	mg/kg	0.0051	1		11/04/20 02:46	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/04/20 02:46	78-93-3	L1
n-Butylbenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/04/20 02:46	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0051	1		11/04/20 02:46	56-23-5	
Chlorobenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	108-90-7	
Chloroethane	ND	mg/kg	0.0051	1		11/04/20 02:46	75-00-3	
Chloroform	ND	mg/kg	0.0051	1		11/04/20 02:46	67-66-3	
Chloromethane	ND	mg/kg	0.0051	1		11/04/20 02:46	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0051	1		11/04/20 02:46	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0051	1		11/04/20 02:46	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0051	1		11/04/20 02:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0051	1		11/04/20 02:46	106-93-4	
Dibromomethane	ND	mg/kg	0.0051	1		11/04/20 02:46	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/04/20 02:46	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0051	1		11/04/20 02:46	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0051	1		11/04/20 02:46	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0051	1		11/04/20 02:46	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0051	1		11/04/20 02:46	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0051	1		11/04/20 02:46	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0051	1		11/04/20 02:46	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0051	1		11/04/20 02:46	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0051	1		11/04/20 02:46	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0051	1		11/04/20 02:46	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0051	1		11/04/20 02:46	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0051	1		11/04/20 02:46	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0051	1		11/04/20 02:46	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/04/20 02:46	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0051	1		11/04/20 02:46	87-68-3	
n-Hexane	ND	mg/kg	0.0051	1		11/04/20 02:46	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		11/04/20 02:46	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B12(5-7) **Lab ID: 50271804001** Collected: 10/29/20 13:50 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.10	1		11/04/20 02:46	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0051	1		11/04/20 02:46	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0051	1		11/04/20 02:46	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/04/20 02:46	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.010	1		11/04/20 02:46	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.010	1		11/04/20 02:46	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/04/20 02:46	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0051	1		11/04/20 02:46	1634-04-4	
Naphthalene	ND	mg/kg	0.0051	1		11/04/20 02:46	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	103-65-1	
Styrene	ND	mg/kg	0.0051	1		11/04/20 02:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0051	1		11/04/20 02:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0051	1		11/04/20 02:46	79-34-5	
Tetrachloroethene	**0.035**	mg/kg	0.0051	1		11/04/20 02:46	127-18-4	
Toluene	ND	mg/kg	0.0051	1		11/04/20 02:46	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0051	1		11/04/20 02:46	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0051	1		11/04/20 02:46	79-00-5	
Trichloroethene	**0.17**	mg/kg	0.0051	1		11/04/20 02:46	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0051	1		11/04/20 02:46	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0051	1		11/04/20 02:46	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0051	1		11/04/20 02:46	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/04/20 02:46	108-05-4	
Vinyl chloride	ND	mg/kg	0.0051	1		11/04/20 02:46	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/04/20 02:46	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	73-133	1		11/04/20 02:46	1868-53-7	
Toluene-d8 (S)	102	%.	73-130	1		11/04/20 02:46	2037-26-5	
4-Bromofluorobenzene (S)	92	%.	55-129	1		11/04/20 02:46	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**4.1**	%	0.10	1		11/02/20 15:05		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B13 **Lab ID: 50271804002** Collected: 10/29/20 09:55 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.10	1		11/04/20 03:20	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/04/20 03:20	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/04/20 03:20	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/04/20 03:20	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/04/20 03:20	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/04/20 03:20	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/04/20 03:20	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/04/20 03:20	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/04/20 03:20	78-93-3	L1
n-Butylbenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/04/20 03:20	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/04/20 03:20	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/04/20 03:20	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/04/20 03:20	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/04/20 03:20	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/04/20 03:20	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/04/20 03:20	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/04/20 03:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/04/20 03:20	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/04/20 03:20	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/04/20 03:20	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/04/20 03:20	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/04/20 03:20	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/04/20 03:20	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/04/20 03:20	75-35-4	
cis-1,2-Dichloroethene	**0.045**	mg/kg	0.0050	1		11/04/20 03:20	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/04/20 03:20	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/04/20 03:20	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/04/20 03:20	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/04/20 03:20	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/04/20 03:20	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/04/20 03:20	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/04/20 03:20	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/04/20 03:20	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/04/20 03:20	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/04/20 03:20	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		11/04/20 03:20	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B13 **Lab ID: 50271804002** Collected: 10/29/20 09:55 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.10	1		11/04/20 03:20	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/04/20 03:20	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/04/20 03:20	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/04/20 03:20	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.010	1		11/04/20 03:20	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.010	1		11/04/20 03:20	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/04/20 03:20	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/04/20 03:20	1634-04-4	
Naphthalene	ND	mg/kg	0.0050	1		11/04/20 03:20	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/04/20 03:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/04/20 03:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/04/20 03:20	79-34-5	
Tetrachloroethene	**0.093**	mg/kg	0.0050	1		11/04/20 03:20	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/04/20 03:20	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/04/20 03:20	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/04/20 03:20	79-00-5	
Trichloroethene	**16.0**	mg/kg	0.47	100		11/05/20 20:49	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/04/20 03:20	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/04/20 03:20	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/04/20 03:20	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/04/20 03:20	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/04/20 03:20	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/04/20 03:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	73-133	1		11/04/20 03:20	1868-53-7	
Toluene-d8 (S)	105	%.	73-130	1		11/04/20 03:20	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	55-129	1		11/04/20 03:20	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**3.1**	%	0.10	1		11/02/20 15:05		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B14 (8-10) **Lab ID: 50271804003** Collected: 10/29/20 13:05 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.11	1		11/04/20 03:54	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/04/20 03:54	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/04/20 03:54	107-13-1	
Benzene	ND	mg/kg	0.0053	1		11/04/20 03:54	71-43-2	
Bromobenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	108-86-1	
Bromochloromethane	ND	mg/kg	0.0053	1		11/04/20 03:54	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0053	1		11/04/20 03:54	75-27-4	
Bromoform	ND	mg/kg	0.0053	1		11/04/20 03:54	75-25-2	
Bromomethane	ND	mg/kg	0.0053	1		11/04/20 03:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		11/04/20 03:54	78-93-3	L1
n-Butylbenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/04/20 03:54	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	1		11/04/20 03:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	108-90-7	
Chloroethane	ND	mg/kg	0.0053	1		11/04/20 03:54	75-00-3	
Chloroform	ND	mg/kg	0.0053	1		11/04/20 03:54	67-66-3	
Chloromethane	ND	mg/kg	0.0053	1		11/04/20 03:54	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0053	1		11/04/20 03:54	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0053	1		11/04/20 03:54	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0053	1		11/04/20 03:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0053	1		11/04/20 03:54	106-93-4	
Dibromomethane	ND	mg/kg	0.0053	1		11/04/20 03:54	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/04/20 03:54	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0053	1		11/04/20 03:54	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0053	1		11/04/20 03:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	1		11/04/20 03:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	1		11/04/20 03:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/04/20 03:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/04/20 03:54	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	1		11/04/20 03:54	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0053	1		11/04/20 03:54	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0053	1		11/04/20 03:54	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0053	1		11/04/20 03:54	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/04/20 03:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/04/20 03:54	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/04/20 03:54	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0053	1		11/04/20 03:54	87-68-3	
n-Hexane	ND	mg/kg	0.0053	1		11/04/20 03:54	110-54-3	
2-Hexanone	ND	mg/kg	0.11	1		11/04/20 03:54	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B14 (8-10) **Lab ID: 50271804003** Collected: 10/29/20 13:05 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.11	1		11/04/20 03:54	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0053	1		11/04/20 03:54	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0053	1		11/04/20 03:54	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/04/20 03:54	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.011	1		11/04/20 03:54	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.011	1		11/04/20 03:54	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		11/04/20 03:54	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	1		11/04/20 03:54	1634-04-4	
Naphthalene	ND	mg/kg	0.0053	1		11/04/20 03:54	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	103-65-1	
Styrene	ND	mg/kg	0.0053	1		11/04/20 03:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/04/20 03:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/04/20 03:54	79-34-5	
Tetrachloroethene	**0.036**	mg/kg	0.0053	1		11/04/20 03:54	127-18-4	
Toluene	ND	mg/kg	0.0053	1		11/04/20 03:54	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0053	1		11/04/20 03:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	1		11/04/20 03:54	79-00-5	
Trichloroethene	**0.97**	mg/kg	0.30	50		11/05/20 21:22	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	1		11/04/20 03:54	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0053	1		11/04/20 03:54	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0053	1		11/04/20 03:54	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/04/20 03:54	108-05-4	
Vinyl chloride	ND	mg/kg	0.0053	1		11/04/20 03:54	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/04/20 03:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	73-133	1		11/04/20 03:54	1868-53-7	
Toluene-d8 (S)	102	%.	73-130	1		11/04/20 03:54	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	55-129	1		11/04/20 03:54	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**3.5**	%	0.10	1		11/02/20 15:05		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B15 (4-5) **Lab ID: 50271804004** Collected: 10/29/20 14:25 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.090	1		11/04/20 00:32	67-64-1	
Acrolein	ND	mg/kg	0.090	1		11/04/20 00:32	107-02-8	
Acrylonitrile	ND	mg/kg	0.090	1		11/04/20 00:32	107-13-1	
Benzene	ND	mg/kg	0.0045	1		11/04/20 00:32	71-43-2	
Bromobenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	108-86-1	
Bromochloromethane	ND	mg/kg	0.0045	1		11/04/20 00:32	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0045	1		11/04/20 00:32	75-27-4	
Bromoform	ND	mg/kg	0.0045	1		11/04/20 00:32	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1		11/04/20 00:32	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		11/04/20 00:32	78-93-3	L1
n-Butylbenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	98-06-6	
Carbon disulfide	ND	mg/kg	0.0090	1		11/04/20 00:32	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1		11/04/20 00:32	56-23-5	
Chlorobenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1		11/04/20 00:32	75-00-3	
Chloroform	ND	mg/kg	0.0045	1		11/04/20 00:32	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1		11/04/20 00:32	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0045	1		11/04/20 00:32	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0045	1		11/04/20 00:32	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0045	1		11/04/20 00:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0045	1		11/04/20 00:32	106-93-4	
Dibromomethane	ND	mg/kg	0.0045	1		11/04/20 00:32	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.090	1		11/04/20 00:32	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0045	1		11/04/20 00:32	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0045	1		11/04/20 00:32	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1		11/04/20 00:32	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1		11/04/20 00:32	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1		11/04/20 00:32	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1		11/04/20 00:32	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1		11/04/20 00:32	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0045	1		11/04/20 00:32	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0045	1		11/04/20 00:32	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0045	1		11/04/20 00:32	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1		11/04/20 00:32	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1		11/04/20 00:32	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.090	1		11/04/20 00:32	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0045	1		11/04/20 00:32	87-68-3	
n-Hexane	ND	mg/kg	0.0045	1		11/04/20 00:32	110-54-3	
2-Hexanone	ND	mg/kg	0.090	1		11/04/20 00:32	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B15 (4-5) **Lab ID: 50271804004** Collected: 10/29/20 14:25 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.090	1		11/04/20 00:32	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0045	1		11/04/20 00:32	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0045	1		11/04/20 00:32	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		11/04/20 00:32	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.0090	1		11/04/20 00:32	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0090	1		11/04/20 00:32	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		11/04/20 00:32	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1		11/04/20 00:32	1634-04-4	
Naphthalene	ND	mg/kg	0.0045	1		11/04/20 00:32	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	103-65-1	
Styrene	ND	mg/kg	0.0045	1		11/04/20 00:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1		11/04/20 00:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1		11/04/20 00:32	79-34-5	
Tetrachloroethene	**0.015**	mg/kg	0.0045	1		11/04/20 00:32	127-18-4	
Toluene	ND	mg/kg	0.0045	1		11/04/20 00:32	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1		11/04/20 00:32	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1		11/04/20 00:32	79-00-5	
Trichloroethene	**0.028**	mg/kg	0.0045	1		11/04/20 00:32	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0045	1		11/04/20 00:32	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0045	1		11/04/20 00:32	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0045	1		11/04/20 00:32	108-67-8	
Vinyl acetate	ND	mg/kg	0.090	1		11/04/20 00:32	108-05-4	
Vinyl chloride	ND	mg/kg	0.0045	1		11/04/20 00:32	75-01-4	
Xylene (Total)	ND	mg/kg	0.0090	1		11/04/20 00:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	114	%.	73-133	1		11/04/20 00:32	1868-53-7	
Toluene-d8 (S)	100	%.	73-130	1		11/04/20 00:32	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	55-129	1		11/04/20 00:32	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**14.7**	%	0.10	1		11/02/20 15:05		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B16 (7-9) **Lab ID: 50271804005** Collected: 10/29/20 10:22 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.11	1		11/04/20 01:05	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/04/20 01:05	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/04/20 01:05	107-13-1	
Benzene	ND	mg/kg	0.0053	1		11/04/20 01:05	71-43-2	
Bromobenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	108-86-1	
Bromochloromethane	ND	mg/kg	0.0053	1		11/04/20 01:05	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0053	1		11/04/20 01:05	75-27-4	
Bromoform	ND	mg/kg	0.0053	1		11/04/20 01:05	75-25-2	
Bromomethane	ND	mg/kg	0.0053	1		11/04/20 01:05	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		11/04/20 01:05	78-93-3	L1
n-Butylbenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/04/20 01:05	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	1		11/04/20 01:05	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	108-90-7	
Chloroethane	ND	mg/kg	0.0053	1		11/04/20 01:05	75-00-3	
Chloroform	ND	mg/kg	0.0053	1		11/04/20 01:05	67-66-3	
Chloromethane	ND	mg/kg	0.0053	1		11/04/20 01:05	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0053	1		11/04/20 01:05	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0053	1		11/04/20 01:05	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0053	1		11/04/20 01:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0053	1		11/04/20 01:05	106-93-4	
Dibromomethane	ND	mg/kg	0.0053	1		11/04/20 01:05	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/04/20 01:05	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0053	1		11/04/20 01:05	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0053	1		11/04/20 01:05	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	1		11/04/20 01:05	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	1		11/04/20 01:05	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/04/20 01:05	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/04/20 01:05	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	1		11/04/20 01:05	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0053	1		11/04/20 01:05	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0053	1		11/04/20 01:05	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0053	1		11/04/20 01:05	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/04/20 01:05	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/04/20 01:05	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/04/20 01:05	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0053	1		11/04/20 01:05	87-68-3	
n-Hexane	ND	mg/kg	0.0053	1		11/04/20 01:05	110-54-3	
2-Hexanone	ND	mg/kg	0.11	1		11/04/20 01:05	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B16 (7-9) **Lab ID: 50271804005** Collected: 10/29/20 10:22 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.11	1		11/04/20 01:05	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0053	1		11/04/20 01:05	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0053	1		11/04/20 01:05	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/04/20 01:05	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.011	1		11/04/20 01:05	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.011	1		11/04/20 01:05	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/04/20 01:05	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	1		11/04/20 01:05	1634-04-4	
Naphthalene	ND	mg/kg	0.0053	1		11/04/20 01:05	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	103-65-1	
Styrene	ND	mg/kg	0.0053	1		11/04/20 01:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/04/20 01:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/04/20 01:05	79-34-5	
Tetrachloroethene	**0.083**	mg/kg	0.0053	1		11/04/20 01:05	127-18-4	
Toluene	ND	mg/kg	0.0053	1		11/04/20 01:05	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0053	1		11/04/20 01:05	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	1		11/04/20 01:05	79-00-5	
Trichloroethene	**0.17**	mg/kg	0.0053	1		11/04/20 01:05	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	1		11/04/20 01:05	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0053	1		11/04/20 01:05	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0053	1		11/04/20 01:05	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/04/20 01:05	108-05-4	
Vinyl chloride	ND	mg/kg	0.0053	1		11/04/20 01:05	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/04/20 01:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	109	%.	73-133	1		11/04/20 01:05	1868-53-7	
Toluene-d8 (S)	105	%.	73-130	1		11/04/20 01:05	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	55-129	1		11/04/20 01:05	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**13.0**	%	0.10	1		11/02/20 15:06		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B17 (7-9) **Lab ID: 50271804006** Collected: 10/29/20 10:55 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.12	1		11/04/20 01:39	67-64-1	
Acrolein	ND	mg/kg	0.12	1		11/04/20 01:39	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		11/04/20 01:39	107-13-1	
Benzene	ND	mg/kg	0.0059	1		11/04/20 01:39	71-43-2	
Bromobenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	108-86-1	
Bromochloromethane	ND	mg/kg	0.0059	1		11/04/20 01:39	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0059	1		11/04/20 01:39	75-27-4	
Bromoform	ND	mg/kg	0.0059	1		11/04/20 01:39	75-25-2	
Bromomethane	ND	mg/kg	0.0059	1		11/04/20 01:39	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	1		11/04/20 01:39	78-93-3	L1
n-Butylbenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		11/04/20 01:39	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0059	1		11/04/20 01:39	56-23-5	
Chlorobenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	108-90-7	
Chloroethane	ND	mg/kg	0.0059	1		11/04/20 01:39	75-00-3	
Chloroform	ND	mg/kg	0.0059	1		11/04/20 01:39	67-66-3	
Chloromethane	ND	mg/kg	0.0059	1		11/04/20 01:39	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0059	1		11/04/20 01:39	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0059	1		11/04/20 01:39	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0059	1		11/04/20 01:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0059	1		11/04/20 01:39	106-93-4	
Dibromomethane	ND	mg/kg	0.0059	1		11/04/20 01:39	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		11/04/20 01:39	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0059	1		11/04/20 01:39	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0059	1		11/04/20 01:39	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0059	1		11/04/20 01:39	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0059	1		11/04/20 01:39	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0059	1		11/04/20 01:39	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0059	1		11/04/20 01:39	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0059	1		11/04/20 01:39	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0059	1		11/04/20 01:39	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0059	1		11/04/20 01:39	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0059	1		11/04/20 01:39	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0059	1		11/04/20 01:39	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0059	1		11/04/20 01:39	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		11/04/20 01:39	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0059	1		11/04/20 01:39	87-68-3	
n-Hexane	ND	mg/kg	0.0059	1		11/04/20 01:39	110-54-3	
2-Hexanone	ND	mg/kg	0.12	1		11/04/20 01:39	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B17 (7-9) **Lab ID: 50271804006** Collected: 10/29/20 10:55 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.12	1		11/04/20 01:39	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0059	1		11/04/20 01:39	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0059	1		11/04/20 01:39	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	1		11/04/20 01:39	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.012	1		11/04/20 01:39	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.012	1		11/04/20 01:39	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	1		11/04/20 01:39	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0059	1		11/04/20 01:39	1634-04-4	
Naphthalene	ND	mg/kg	0.0059	1		11/04/20 01:39	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	103-65-1	
Styrene	ND	mg/kg	0.0059	1		11/04/20 01:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0059	1		11/04/20 01:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0059	1		11/04/20 01:39	79-34-5	
Tetrachloroethene	**0.052**	mg/kg	0.0059	1		11/04/20 01:39	127-18-4	
Toluene	ND	mg/kg	0.0059	1		11/04/20 01:39	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0059	1		11/04/20 01:39	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0059	1		11/04/20 01:39	79-00-5	
Trichloroethene	**0.18**	mg/kg	0.0059	1		11/04/20 01:39	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0059	1		11/04/20 01:39	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0059	1		11/04/20 01:39	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0059	1		11/04/20 01:39	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		11/04/20 01:39	108-05-4	
Vinyl chloride	ND	mg/kg	0.0059	1		11/04/20 01:39	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		11/04/20 01:39	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	113	%.	73-133	1		11/04/20 01:39	1868-53-7	
Toluene-d8 (S)	104	%.	73-130	1		11/04/20 01:39	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	55-129	1		11/04/20 01:39	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**10.8**	%	0.10	1		11/02/20 15:06		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B18 (8-10) **Lab ID: 50271804007** Collected: 10/29/20 12:00 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	14.0	100		11/04/20 04:27	67-64-1	
Acrolein	ND	mg/kg	14.0	100		11/04/20 04:27	107-02-8	
Acrylonitrile	ND	mg/kg	14.0	100		11/04/20 04:27	107-13-1	
Benzene	ND	mg/kg	0.70	100		11/04/20 04:27	71-43-2	
Bromobenzene	ND	mg/kg	0.70	100		11/04/20 04:27	108-86-1	
Bromochloromethane	ND	mg/kg	0.70	100		11/04/20 04:27	74-97-5	
Bromodichloromethane	ND	mg/kg	0.70	100		11/04/20 04:27	75-27-4	
Bromoform	ND	mg/kg	0.70	100		11/04/20 04:27	75-25-2	
Bromomethane	ND	mg/kg	0.70	100		11/04/20 04:27	74-83-9	
2-Butanone (MEK)	ND	mg/kg	3.5	100		11/04/20 04:27	78-93-3	L1
n-Butylbenzene	ND	mg/kg	0.70	100		11/04/20 04:27	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.70	100		11/04/20 04:27	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.70	100		11/04/20 04:27	98-06-6	
Carbon disulfide	ND	mg/kg	1.4	100		11/04/20 04:27	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.70	100		11/04/20 04:27	56-23-5	
Chlorobenzene	ND	mg/kg	0.70	100		11/04/20 04:27	108-90-7	
Chloroethane	ND	mg/kg	0.70	100		11/04/20 04:27	75-00-3	
Chloroform	ND	mg/kg	0.70	100		11/04/20 04:27	67-66-3	
Chloromethane	ND	mg/kg	0.70	100		11/04/20 04:27	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.70	100		11/04/20 04:27	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.70	100		11/04/20 04:27	106-43-4	
Dibromochloromethane	ND	mg/kg	0.70	100		11/04/20 04:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.70	100		11/04/20 04:27	106-93-4	
Dibromomethane	ND	mg/kg	0.70	100		11/04/20 04:27	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.70	100		11/04/20 04:27	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.70	100		11/04/20 04:27	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.70	100		11/04/20 04:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	14.0	100		11/04/20 04:27	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.70	100		11/04/20 04:27	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.70	100		11/04/20 04:27	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.70	100		11/04/20 04:27	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.70	100		11/04/20 04:27	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.70	100		11/04/20 04:27	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.70	100		11/04/20 04:27	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.70	100		11/04/20 04:27	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.70	100		11/04/20 04:27	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.70	100		11/04/20 04:27	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.70	100		11/04/20 04:27	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.70	100		11/04/20 04:27	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.70	100		11/04/20 04:27	10061-02-6	
Ethylbenzene	ND	mg/kg	0.70	100		11/04/20 04:27	100-41-4	
Ethyl methacrylate	ND	mg/kg	14.0	100		11/04/20 04:27	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.70	100		11/04/20 04:27	87-68-3	
n-Hexane	ND	mg/kg	0.70	100		11/04/20 04:27	110-54-3	
2-Hexanone	ND	mg/kg	14.0	100		11/04/20 04:27	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: B18 (8-10) **Lab ID: 50271804007** Collected: 10/29/20 12:00 Received: 10/30/20 16:18 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	14.0	100		11/04/20 04:27	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.70	100		11/04/20 04:27	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.70	100		11/04/20 04:27	99-87-6	
Methylene Chloride	ND	mg/kg	2.8	100		11/04/20 04:27	75-09-2	
1-Methylnaphthalene	ND	mg/kg	1.4	100		11/04/20 04:27	90-12-0	
2-Methylnaphthalene	ND	mg/kg	1.4	100		11/04/20 04:27	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	3.5	100		11/04/20 04:27	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.70	100		11/04/20 04:27	1634-04-4	
Naphthalene	ND	mg/kg	0.70	100		11/04/20 04:27	91-20-3	
n-Propylbenzene	ND	mg/kg	0.70	100		11/04/20 04:27	103-65-1	
Styrene	ND	mg/kg	0.70	100		11/04/20 04:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.70	100		11/04/20 04:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.70	100		11/04/20 04:27	79-34-5	
Tetrachloroethene	**4.3**	mg/kg	0.70	100		11/04/20 04:27	127-18-4	
Toluene	ND	mg/kg	0.70	100		11/04/20 04:27	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.70	100		11/04/20 04:27	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.70	100		11/04/20 04:27	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.70	100		11/04/20 04:27	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.70	100		11/04/20 04:27	79-00-5	
Trichloroethene	**149**	mg/kg	33.0	5000		11/05/20 21:55	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.70	100		11/04/20 04:27	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.70	100		11/04/20 04:27	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.70	100		11/04/20 04:27	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.70	100		11/04/20 04:27	108-67-8	
Vinyl acetate	ND	mg/kg	14.0	100		11/04/20 04:27	108-05-4	
Vinyl chloride	ND	mg/kg	0.70	100		11/04/20 04:27	75-01-4	
Xylene (Total)	ND	mg/kg	1.4	100		11/04/20 04:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	73-133	100		11/04/20 04:27	1868-53-7	D4
Toluene-d8 (S)	100	%.	73-130	100		11/04/20 04:27	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	55-129	100		11/04/20 04:27	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**16.3**	%	0.10	1		11/02/20 15:06		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: Trip Blank **Lab ID: 50271804008** Collected: 10/29/20 08:00 Received: 10/30/20 16:18 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.10	1		11/04/20 02:12	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/04/20 02:12	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/04/20 02:12	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/04/20 02:12	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/04/20 02:12	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/04/20 02:12	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/04/20 02:12	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/04/20 02:12	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/04/20 02:12	78-93-3	L1
n-Butylbenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/04/20 02:12	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/04/20 02:12	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/04/20 02:12	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/04/20 02:12	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/04/20 02:12	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/04/20 02:12	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/04/20 02:12	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/04/20 02:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/04/20 02:12	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/04/20 02:12	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/04/20 02:12	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/04/20 02:12	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/04/20 02:12	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/04/20 02:12	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/04/20 02:12	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/04/20 02:12	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/04/20 02:12	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/04/20 02:12	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/04/20 02:12	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/04/20 02:12	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/04/20 02:12	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/04/20 02:12	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/04/20 02:12	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/04/20 02:12	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/04/20 02:12	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/04/20 02:12	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		11/04/20 02:12	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Sample: Trip Blank **Lab ID: 50271804008** Collected: 10/29/20 08:00 Received: 10/30/20 16:18 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.10	1		11/04/20 02:12	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/04/20 02:12	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/04/20 02:12	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/04/20 02:12	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.010	1		11/04/20 02:12	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.010	1		11/04/20 02:12	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/04/20 02:12	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/04/20 02:12	1634-04-4	
Naphthalene	ND	mg/kg	0.0050	1		11/04/20 02:12	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/04/20 02:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/04/20 02:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/04/20 02:12	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/04/20 02:12	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/04/20 02:12	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/04/20 02:12	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/04/20 02:12	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/04/20 02:12	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/04/20 02:12	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/04/20 02:12	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/04/20 02:12	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/04/20 02:12	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/04/20 02:12	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/04/20 02:12	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	112	%.	73-133	1		11/04/20 02:12	1868-53-7	
Toluene-d8 (S)	101	%.	73-130	1		11/04/20 02:12	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	55-129	1		11/04/20 02:12	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

QC Batch: 590857
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50271804001, 50271804002, 50271804003, 50271804004, 50271804005, 50271804006, 50271804007, 50271804008

METHOD BLANK: 2725447
Matrix: Solid
Associated Lab Samples: 50271804001, 50271804002, 50271804003, 50271804004, 50271804005, 50271804006, 50271804007, 50271804008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/03/20 23:58	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/03/20 23:58	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/03/20 23:58	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/03/20 23:58	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/03/20 23:58	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/03/20 23:58	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/03/20 23:58	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/03/20 23:58	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/03/20 23:58	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/03/20 23:58	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/03/20 23:58	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/03/20 23:58	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/03/20 23:58	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/03/20 23:58	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/03/20 23:58	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/03/20 23:58	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/03/20 23:58	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/03/20 23:58	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/03/20 23:58	
1-Methylnaphthalene	mg/kg	ND	0.010	11/03/20 23:58	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/03/20 23:58	
2-Butanone (MEK)	mg/kg	ND	0.025	11/03/20 23:58	
2-Chlorotoluene	mg/kg	ND	0.0050	11/03/20 23:58	
2-Hexanone	mg/kg	ND	0.10	11/03/20 23:58	
2-Methylnaphthalene	mg/kg	ND	0.010	11/03/20 23:58	
4-Chlorotoluene	mg/kg	ND	0.0050	11/03/20 23:58	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/03/20 23:58	
Acetone	mg/kg	ND	0.10	11/03/20 23:58	
Acrolein	mg/kg	ND	0.10	11/03/20 23:58	
Acrylonitrile	mg/kg	ND	0.10	11/03/20 23:58	
Benzene	mg/kg	ND	0.0050	11/03/20 23:58	
Bromobenzene	mg/kg	ND	0.0050	11/03/20 23:58	
Bromochloromethane	mg/kg	ND	0.0050	11/03/20 23:58	
Bromodichloromethane	mg/kg	ND	0.0050	11/03/20 23:58	
Bromoform	mg/kg	ND	0.0050	11/03/20 23:58	
Bromomethane	mg/kg	ND	0.0050	11/03/20 23:58	
Carbon disulfide	mg/kg	ND	0.010	11/03/20 23:58	
Carbon tetrachloride	mg/kg	ND	0.0050	11/03/20 23:58	
Chlorobenzene	mg/kg	ND	0.0050	11/03/20 23:58	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

METHOD BLANK: 2725447 Matrix: Solid
Associated Lab Samples: 50271804001, 50271804002, 50271804003, 50271804004, 50271804005, 50271804006, 50271804007, 50271804008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	mg/kg	ND	0.0050	11/03/20 23:58	
Chloroform	mg/kg	ND	0.0050	11/03/20 23:58	
Chloromethane	mg/kg	ND	0.0050	11/03/20 23:58	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/03/20 23:58	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/03/20 23:58	
Dibromochloromethane	mg/kg	ND	0.0050	11/03/20 23:58	
Dibromomethane	mg/kg	ND	0.0050	11/03/20 23:58	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/03/20 23:58	
Ethyl methacrylate	mg/kg	ND	0.10	11/03/20 23:58	
Ethylbenzene	mg/kg	ND	0.0050	11/03/20 23:58	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/03/20 23:58	
Iodomethane	mg/kg	ND	0.10	11/03/20 23:58	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/03/20 23:58	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/03/20 23:58	
Methylene Chloride	mg/kg	ND	0.020	11/03/20 23:58	
n-Butylbenzene	mg/kg	ND	0.0050	11/03/20 23:58	
n-Hexane	mg/kg	ND	0.0050	11/03/20 23:58	
n-Propylbenzene	mg/kg	ND	0.0050	11/03/20 23:58	
Naphthalene	mg/kg	ND	0.0050	11/03/20 23:58	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/03/20 23:58	
sec-Butylbenzene	mg/kg	ND	0.0050	11/03/20 23:58	
Styrene	mg/kg	ND	0.0050	11/03/20 23:58	
tert-Butylbenzene	mg/kg	ND	0.0050	11/03/20 23:58	
Tetrachloroethene	mg/kg	ND	0.0050	11/03/20 23:58	
Toluene	mg/kg	ND	0.0050	11/03/20 23:58	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/03/20 23:58	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/03/20 23:58	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/03/20 23:58	
Trichloroethene	mg/kg	ND	0.0050	11/03/20 23:58	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/03/20 23:58	
Vinyl acetate	mg/kg	ND	0.10	11/03/20 23:58	
Vinyl chloride	mg/kg	ND	0.0050	11/03/20 23:58	
Xylene (Total)	mg/kg	ND	0.010	11/03/20 23:58	
4-Bromofluorobenzene (S)	%.	96	55-129	11/03/20 23:58	
Dibromofluoromethane (S)	%.	114	73-133	11/03/20 23:58	
Toluene-d8 (S)	%.	100	73-130	11/03/20 23:58	

LABORATORY CONTROL SAMPLE: 2725448

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.053	106	74-119	
1,1,1-Trichloroethane	mg/kg	0.05	0.051	103	72-132	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.057	114	63-127	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

LABORATORY CONTROL SAMPLE: 2725448

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	mg/kg	0.05	0.058	117	69-123	
1,1-Dichloroethane	mg/kg	0.05	0.050	101	73-122	
1,1-Dichloroethene	mg/kg	0.05	0.050	100	70-126	
1,1-Dichloropropene	mg/kg	0.05	0.049	99	67-119	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.040	79	55-122	
1,2,3-Trichloropropane	mg/kg	0.05	0.059	117	69-123	
1,2,4-Trichlorobenzene	mg/kg	0.05	0.038	77	46-130	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.043	86	62-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.057	114	73-124	
1,2-Dichlorobenzene	mg/kg	0.05	0.044	88	67-112	
1,2-Dichloroethane	mg/kg	0.05	0.053	105	67-129	
1,2-Dichloropropane	mg/kg	0.05	0.052	104	72-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.044	88	63-115	
1,3-Dichlorobenzene	mg/kg	0.05	0.042	85	61-115	
1,3-Dichloropropane	mg/kg	0.05	0.054	108	73-126	
1,4-Dichlorobenzene	mg/kg	0.05	0.041	83	59-113	
1-Methylnaphthalene	mg/kg	0.05	0.042	84	64-128	
2,2-Dichloropropane	mg/kg	0.05	0.047	95	62-130	
2-Butanone (MEK)	mg/kg	0.25	0.34	135	62-131	L1
2-Chlorotoluene	mg/kg	0.05	0.043	87	64-118	
2-Hexanone	mg/kg	0.25	0.30	120	53-136	
2-Methylnaphthalene	mg/kg	0.05	0.042	84	53-124	
4-Chlorotoluene	mg/kg	0.05	0.045	91	61-115	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.33	132	56-135	
Acetone	mg/kg	0.25	0.31	123	46-138	
Acrolein	mg/kg	0.25	0.24	95	35-135	
Acrylonitrile	mg/kg	0.25	0.26	104	62-124	
Benzene	mg/kg	0.05	0.050	100	74-117	
Bromobenzene	mg/kg	0.05	0.051	103	65-120	
Bromochloromethane	mg/kg	0.05	0.052	104	64-125	
Bromodichloromethane	mg/kg	0.05	0.051	103	64-123	
Bromoform	mg/kg	0.05	0.057	114	57-118	
Bromomethane	mg/kg	0.05	0.029	57	38-162	
Carbon disulfide	mg/kg	0.05	0.045	90	61-128	
Carbon tetrachloride	mg/kg	0.05	0.050	101	63-129	
Chlorobenzene	mg/kg	0.05	0.046	91	72-114	
Chloroethane	mg/kg	0.05	0.046	92	50-132	
Chloroform	mg/kg	0.05	0.048	95	69-120	
Chloromethane	mg/kg	0.05	0.025	49	46-120	
cis-1,2-Dichloroethene	mg/kg	0.05	0.049	98	73-117	
cis-1,3-Dichloropropene	mg/kg	0.05	0.057	115	65-127	
Dibromochloromethane	mg/kg	0.05	0.056	111	66-122	
Dibromomethane	mg/kg	0.05	0.051	102	72-123	
Dichlorodifluoromethane	mg/kg	0.05	0.017	35	32-134	
Ethyl methacrylate	mg/kg	0.05	.047J	95	63-132	
Ethylbenzene	mg/kg	0.05	0.048	96	68-118	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.043	86	53-132	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

LABORATORY CONTROL SAMPLE: 2725448

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	mg/kg	0.05	.037J	74	53-163	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.046	92	69-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.061	122	75-136	
Methylene Chloride	mg/kg	0.05	0.057	113	62-137	
n-Butylbenzene	mg/kg	0.05	0.042	83	50-120	
n-Hexane	mg/kg	0.05	0.049	99	53-132	
n-Propylbenzene	mg/kg	0.05	0.044	88	60-119	
Naphthalene	mg/kg	0.05	0.046	91	66-120	
p-Isopropyltoluene	mg/kg	0.05	0.044	88	60-118	
sec-Butylbenzene	mg/kg	0.05	0.045	91	72-117	
Styrene	mg/kg	0.05	0.045	89	69-116	
tert-Butylbenzene	mg/kg	0.05	0.046	91	50-99	
Tetrachloroethene	mg/kg	0.05	0.050	100	59-119	
Toluene	mg/kg	0.05	0.050	99	68-115	
trans-1,2-Dichloroethene	mg/kg	0.05	0.050	100	71-125	
trans-1,3-Dichloropropene	mg/kg	0.05	0.055	111	65-117	
trans-1,4-Dichloro-2-butene	mg/kg	0.05	.057J	113	46-116	
Trichloroethene	mg/kg	0.05	0.049	98	68-118	
Trichlorofluoromethane	mg/kg	0.05	0.045	90	57-152	
Vinyl acetate	mg/kg	0.2	0.13	66	46-118	
Vinyl chloride	mg/kg	0.05	0.032	64	49-125	
Xylene (Total)	mg/kg	0.15	0.14	91	69-118	
4-Bromofluorobenzene (S)	%.			98	55-129	
Dibromofluoromethane (S)	%.			95	73-133	
Toluene-d8 (S)	%.			103	73-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

QC Batch: 590459
QC Batch Method: SM 2540G
Analysis Method: SM 2540G
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50271804001, 50271804002, 50271804003, 50271804004, 50271804005, 50271804006, 50271804007

SAMPLE DUPLICATE: 2723818

Parameter	Units	50271785002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.2	6.2	14	5	N2,R1

SAMPLE DUPLICATE: 2723843

Parameter	Units	50271783001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.8	7.0	2	5	N2

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

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 adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

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

D4	Sample was diluted due to the presence of high levels of target analytes.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Houghland Canning FSI #4
Pace Project No.: 50271804

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50271804001	**B12(5-7)**	EPA 8260	590857		
50271804002	**B13**	EPA 8260	590857		
50271804003	**B14 (8-10)**	EPA 8260	590857		
50271804004	**B15 (4-5)**	EPA 8260	590857		
50271804005	**B16 (7-9)**	EPA 8260	590857		
50271804006	**B17 (7-9)**	EPA 8260	590857		
50271804007	**B18 (8-10)**	EPA 8260	590857		
50271804008	**Trip Blank**	EPA 8260	590857		
50271804001	**B12(5-7)**	SM 2540G	590459		
50271804002	**B13**	SM 2540G	590459		
50271804003	**B14 (8-10)**	SM 2540G	590459		
50271804004	**B15 (4-5)**	SM 2540G	590459		
50271804005	**B16 (7-9)**	SM 2540G	590459		
50271804006	**B17 (7-9)**	SM 2540G	590459		
50271804007	**B18 (8-10)**	SM 2540G	590459		

WO# : 50271804

50271804

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Patriot_Indianapolis	Report To:	James Cody	Attention:	
Address:	6150 E 75th St	Copy To:	MIKE CASPER	Company Name:	
	Indianapolis, IN 46250			Address:	
Email:	jcody@patrioteng.com	Purchase Order #:		Pace Quote:	
Phone:	(317)576-8058 Fax:	Project Name:	Houghland Canning FSI #4	Pace Project Manager:	lina.sayer@pacelabs.com,
Requested Due Date:	SEE BELOW	Project #:	20-0963-IE	Pace Profile #:	6950

Regulatory Agency	State / Location
	IN

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	IN VOC DI bulk 5035	IN Trip Blank	VOCs 8260	Residual Chlorine (Y/N)	
37	B12 (5-7)	SL	G			10/29	13:50		4	X						X			X					001
38	B13	SL	|			10/29	9:55		4	X						X	X		X					002
39	B14 (8-10)	SL	|			10/29	13:05		4	X						X	X		X					003
40	B15 (4-5)	SL	|			10/29	14:25		4	X						X	X		X					004
41	B16 (7-9)	SL	|			10/29	10:27		4	X						X	X		X					005
42	B17 (7-9)	SL	|			10/29	10:55		4	X						X	X		X					006
43	B18 (8-10)	SL	|			10/29	12:00		4	X						X	X		X					007
44	B14 GW	GW	|			10/30	13:45		3				X							X				
45	B15 GW	GW	|			10/30	14:45		3				X							X				
46	B16 GW	GW	|			10/30	14:25		3				X							X				
47	B17 GW	GW	|			10/30	14:00		3				X							X				
48	TRIP BLANK	-	-			-	-		3										X					008

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
48 HR FOR WATER	JAMES CODY/PATRIOT	10/30	16:18	Pace	10/30/20	1618	0.8	Y	N	Y
4 DAY FOR SOILS										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JAMES CODY

SIGNATURE of SAMPLER: James Cody DATE Signed: 10/30/20

Pace Analytical

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: MRP 10/30/20 1655

Courier: Fed Ex UPS (Client) Pace USPS Other _____

Custody Seal on Cooler/Box Present: Yes (No) **(If yes)Seals Intact:** Yes No **(leave blank if no seals were present)**

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer: 1 2 3 4 5 6 A B (C) D E F **Ice Type:** (Wet) Blue None

Cooler Temperature: 0.8/0.8 **If temp. is over 6°C or under 0°C, was the PM notified?:** Yes No

Temp should be above freezing to 6°C **(Initial/Corrected)**

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		✓	All containers needing acid/base pres. Have been CHECKED?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** **Circle:** **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			✓
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Short Hold Time Analysis (48 hours or less)? **Analysis:** TC	✓			Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1715		Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested (4 days or less):		✓	Headspace Wisconsin Sulfide?			✓
Custody Signatures Present?	✓	MRP X 10/30	Headspace in VOA Vials (>6mm):		✓	
Containers Intact?:	✓		Trip Blank Present?	✓		
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?:	✓		
Extra labels on Terracore Vials? (soils only)		✓				

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>10
1		4																									SL			
2		↓																									↓			
3																														
4																														
5																														
6																														
7		↓																												
8		3-TB																												
9			3																								WT			
10			↓																								↓			
11																														
12					TB																									

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL. HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass
VSG	Headspace septa vial & HCl	BG1H	1L HCl clear glass
WGKU	8oz unpreserved clear jar	BG1S	1L H2SO4 clear glass
WGFU	4oz clear soil jar	BG1T	1L Na Thiosulfate clear glass
JGFU	4oz unpreserved amber wide	BG1U	1L unpreserved glass
CG3H	250mL clear glass HCl	BG3H	250mL HCl Clear Glass

Plastic / Misc.

BG3U	250mL Unpres Clear Glass
BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)

BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

November 04, 2020

Mr. James Cody
Patriot Engineering
6150 E 75th St
Indianapolis, IN 46250

RE: Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Dear Mr. Cody:

Enclosed are the analytical results for sample(s) received by the laboratory on October 29, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Indianapolis

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

Sincerely,

Tina Sayer

Tina Sayer
tina.sayer@pacelabs.com
(317)228-3100
Project Manager

Enclosures

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project:	Houghland Canning FSI #4
Pace Project No.:	50271575

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Laboratory #: 999788130
USDA Soil Permit #: P330-19-00257

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50271575001	**B1 (7-9)**	Solid	10/28/20 10:35	10/29/20 09:00
50271575002	**B2 (7-8)**	Solid	10/28/20 11:00	10/29/20 09:00
50271575003	**B3 (3-5)**	Solid	10/28/20 11:50	10/29/20 09:00
50271575004	**B4 (7-9)**	Solid	10/28/20 12:10	10/29/20 09:00
50271575005	**B5 (5-6)**	Solid	10/28/20 12:30	10/29/20 09:00
50271575006	**B6 (0-2)**	Solid	10/28/20 12:40	10/29/20 09:00
50271575007	**B7 (7-8)**	Solid	10/28/20 13:00	10/29/20 09:00
50271575008	**TRIP BLANK**	Solid	10/28/20 08:00	10/29/20 09:00

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(317)228-3100

SAMPLE ANALYTE COUNT

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50271575001	**B1 (7-9)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	HCF	1	PASI-I
50271575002	**B2 (7-8)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271575003	**B3 (3-5)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271575004	**B4 (7-9)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271575005	**B5 (5-6)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271575006	**B6 (0-2)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271575007	**B7 (7-8)**	EPA 8260	RSW	75	PASI-I
		SM 2540G	WZE	1	PASI-I
50271575008	**TRIP BLANK**	EPA 8260	RSW	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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7726 Moller Road
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(317)228-3100

SUMMARY OF DETECTION

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50271575001	**B1 (7-9)**					
SM 2540G	Percent Moisture	19.0	%	0.10	10/31/20 13:19	N2
50271575002	**B2 (7-8)**					
SM 2540G	Percent Moisture	16.8	%	0.10	11/02/20 10:37	N2
50271575003	**B3 (3-5)**					
SM 2540G	Percent Moisture	10.8	%	0.10	11/02/20 10:37	N2
50271575004	**B4 (7-9)**					
EPA 8260	Trichloroethene	0.014	mg/kg	0.0043	11/02/20 14:11	
SM 2540G	Percent Moisture	8.8	%	0.10	11/02/20 10:37	N2
50271575005	**B5 (5-6)**					
EPA 8260	Trichloroethene	0.0061	mg/kg	0.0050	11/02/20 14:48	
SM 2540G	Percent Moisture	18.1	%	0.10	11/02/20 10:37	N2
50271575006	**B6 (0-2)**					
EPA 8260	Trichloroethene	0.025	mg/kg	0.0074	11/02/20 15:26	
SM 2540G	Percent Moisture	18.9	%	0.10	11/02/20 10:37	N2
50271575007	**B7 (7-8)**					
SM 2540G	Percent Moisture	6.3	%	0.10	11/02/20 10:38	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B1 (7-9) **Lab ID: 50271575001** Collected: 10/28/20 10:35 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.11	1		11/02/20 12:18	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/02/20 12:18	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/02/20 12:18	107-13-1	
Benzene	ND	mg/kg	0.0053	1		11/02/20 12:18	71-43-2	
Bromobenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	108-86-1	
Bromochloromethane	ND	mg/kg	0.0053	1		11/02/20 12:18	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0053	1		11/02/20 12:18	75-27-4	
Bromoform	ND	mg/kg	0.0053	1		11/02/20 12:18	75-25-2	
Bromomethane	ND	mg/kg	0.0053	1		11/02/20 12:18	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		11/02/20 12:18	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/02/20 12:18	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	1		11/02/20 12:18	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	108-90-7	
Chloroethane	ND	mg/kg	0.0053	1		11/02/20 12:18	75-00-3	
Chloroform	ND	mg/kg	0.0053	1		11/02/20 12:18	67-66-3	
Chloromethane	ND	mg/kg	0.0053	1		11/02/20 12:18	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0053	1		11/02/20 12:18	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0053	1		11/02/20 12:18	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0053	1		11/02/20 12:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0053	1		11/02/20 12:18	106-93-4	
Dibromomethane	ND	mg/kg	0.0053	1		11/02/20 12:18	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/02/20 12:18	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0053	1		11/02/20 12:18	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0053	1		11/02/20 12:18	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	1		11/02/20 12:18	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	1		11/02/20 12:18	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/02/20 12:18	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	1		11/02/20 12:18	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	1		11/02/20 12:18	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0053	1		11/02/20 12:18	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0053	1		11/02/20 12:18	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0053	1		11/02/20 12:18	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/02/20 12:18	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	1		11/02/20 12:18	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/02/20 12:18	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0053	1		11/02/20 12:18	87-68-3	
n-Hexane	ND	mg/kg	0.0053	1		11/02/20 12:18	110-54-3	
2-Hexanone	ND	mg/kg	0.11	1		11/02/20 12:18	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B1 (7-9) **Lab ID: 50271575001** Collected: 10/28/20 10:35 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.11	1		11/02/20 12:18	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0053	1		11/02/20 12:18	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0053	1		11/02/20 12:18	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		11/02/20 12:18	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.011	1		11/02/20 12:18	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.011	1		11/02/20 12:18	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		11/02/20 12:18	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	1		11/02/20 12:18	1634-04-4	L1
Naphthalene	ND	mg/kg	0.0053	1		11/02/20 12:18	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	103-65-1	
Styrene	ND	mg/kg	0.0053	1		11/02/20 12:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/02/20 12:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	1		11/02/20 12:18	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0053	1		11/02/20 12:18	127-18-4	
Toluene	ND	mg/kg	0.0053	1		11/02/20 12:18	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0053	1		11/02/20 12:18	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	1		11/02/20 12:18	79-00-5	
Trichloroethene	ND	mg/kg	0.0053	1		11/02/20 12:18	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	1		11/02/20 12:18	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0053	1		11/02/20 12:18	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0053	1		11/02/20 12:18	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/02/20 12:18	108-05-4	
Vinyl chloride	ND	mg/kg	0.0053	1		11/02/20 12:18	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/02/20 12:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	73-133	1		11/02/20 12:18	1868-53-7	
Toluene-d8 (S)	99	%.	73-130	1		11/02/20 12:18	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	55-129	1		11/02/20 12:18	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**19.0**	%	0.10	1		10/31/20 13:19		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B2 (7-8) **Lab ID: 50271575002** Collected: 10/28/20 11:00 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.088	1		11/02/20 12:56	67-64-1	
Acrolein	ND	mg/kg	0.088	1		11/02/20 12:56	107-02-8	
Acrylonitrile	ND	mg/kg	0.088	1		11/02/20 12:56	107-13-1	
Benzene	ND	mg/kg	0.0044	1		11/02/20 12:56	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		11/02/20 12:56	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		11/02/20 12:56	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		11/02/20 12:56	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		11/02/20 12:56	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		11/02/20 12:56	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	98-06-6	
Carbon disulfide	ND	mg/kg	0.0088	1		11/02/20 12:56	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		11/02/20 12:56	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		11/02/20 12:56	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		11/02/20 12:56	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		11/02/20 12:56	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		11/02/20 12:56	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		11/02/20 12:56	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		11/02/20 12:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		11/02/20 12:56	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		11/02/20 12:56	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.088	1		11/02/20 12:56	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		11/02/20 12:56	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		11/02/20 12:56	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		11/02/20 12:56	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		11/02/20 12:56	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		11/02/20 12:56	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		11/02/20 12:56	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		11/02/20 12:56	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		11/02/20 12:56	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		11/02/20 12:56	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		11/02/20 12:56	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		11/02/20 12:56	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		11/02/20 12:56	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.088	1		11/02/20 12:56	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		11/02/20 12:56	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		11/02/20 12:56	110-54-3	
2-Hexanone	ND	mg/kg	0.088	1		11/02/20 12:56	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B2 (7-8) **Lab ID: 50271575002** Collected: 10/28/20 11:00 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.088	1		11/02/20 12:56	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		11/02/20 12:56	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		11/02/20 12:56	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		11/02/20 12:56	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.0088	1		11/02/20 12:56	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0088	1		11/02/20 12:56	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		11/02/20 12:56	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		11/02/20 12:56	1634-04-4	L1
Naphthalene	ND	mg/kg	0.0044	1		11/02/20 12:56	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	103-65-1	
Styrene	ND	mg/kg	0.0044	1		11/02/20 12:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		11/02/20 12:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		11/02/20 12:56	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		11/02/20 12:56	127-18-4	
Toluene	ND	mg/kg	0.0044	1		11/02/20 12:56	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		11/02/20 12:56	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		11/02/20 12:56	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		11/02/20 12:56	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		11/02/20 12:56	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		11/02/20 12:56	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		11/02/20 12:56	108-67-8	
Vinyl acetate	ND	mg/kg	0.088	1		11/02/20 12:56	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		11/02/20 12:56	75-01-4	
Xylene (Total)	ND	mg/kg	0.0088	1		11/02/20 12:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	73-133	1		11/02/20 12:56	1868-53-7	
Toluene-d8 (S)	103	%.	73-130	1		11/02/20 12:56	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	55-129	1		11/02/20 12:56	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**16.8**	%	0.10	1		11/02/20 10:37		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B3 (3-5) **Lab ID: 50271575003** Collected: 10/28/20 11:50 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.11	1		11/02/20 13:33	67-64-1	
Acrolein	ND	mg/kg	0.11	1		11/02/20 13:33	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		11/02/20 13:33	107-13-1	
Benzene	ND	mg/kg	0.0057	1		11/02/20 13:33	71-43-2	
Bromobenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	108-86-1	
Bromochloromethane	ND	mg/kg	0.0057	1		11/02/20 13:33	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0057	1		11/02/20 13:33	75-27-4	
Bromoform	ND	mg/kg	0.0057	1		11/02/20 13:33	75-25-2	
Bromomethane	ND	mg/kg	0.0057	1		11/02/20 13:33	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	1		11/02/20 13:33	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		11/02/20 13:33	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0057	1		11/02/20 13:33	56-23-5	
Chlorobenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	108-90-7	
Chloroethane	ND	mg/kg	0.0057	1		11/02/20 13:33	75-00-3	
Chloroform	ND	mg/kg	0.0057	1		11/02/20 13:33	67-66-3	
Chloromethane	ND	mg/kg	0.0057	1		11/02/20 13:33	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0057	1		11/02/20 13:33	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0057	1		11/02/20 13:33	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0057	1		11/02/20 13:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0057	1		11/02/20 13:33	106-93-4	
Dibromomethane	ND	mg/kg	0.0057	1		11/02/20 13:33	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		11/02/20 13:33	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0057	1		11/02/20 13:33	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0057	1		11/02/20 13:33	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0057	1		11/02/20 13:33	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0057	1		11/02/20 13:33	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/02/20 13:33	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0057	1		11/02/20 13:33	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0057	1		11/02/20 13:33	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0057	1		11/02/20 13:33	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0057	1		11/02/20 13:33	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0057	1		11/02/20 13:33	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/02/20 13:33	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0057	1		11/02/20 13:33	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		11/02/20 13:33	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0057	1		11/02/20 13:33	87-68-3	
n-Hexane	ND	mg/kg	0.0057	1		11/02/20 13:33	110-54-3	
2-Hexanone	ND	mg/kg	0.11	1		11/02/20 13:33	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B3 (3-5) **Lab ID: 50271575003** Collected: 10/28/20 11:50 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.11	1		11/02/20 13:33	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0057	1		11/02/20 13:33	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0057	1		11/02/20 13:33	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		11/02/20 13:33	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.011	1		11/02/20 13:33	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.011	1		11/02/20 13:33	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	1		11/02/20 13:33	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0057	1		11/02/20 13:33	1634-04-4	L1
Naphthalene	ND	mg/kg	0.0057	1		11/02/20 13:33	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	103-65-1	
Styrene	ND	mg/kg	0.0057	1		11/02/20 13:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/02/20 13:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0057	1		11/02/20 13:33	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0057	1		11/02/20 13:33	127-18-4	
Toluene	ND	mg/kg	0.0057	1		11/02/20 13:33	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0057	1		11/02/20 13:33	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0057	1		11/02/20 13:33	79-00-5	
Trichloroethene	ND	mg/kg	0.0057	1		11/02/20 13:33	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0057	1		11/02/20 13:33	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0057	1		11/02/20 13:33	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0057	1		11/02/20 13:33	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		11/02/20 13:33	108-05-4	
Vinyl chloride	ND	mg/kg	0.0057	1		11/02/20 13:33	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		11/02/20 13:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	73-133	1		11/02/20 13:33	1868-53-7	
Toluene-d8 (S)	104	%.	73-130	1		11/02/20 13:33	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	55-129	1		11/02/20 13:33	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**10.8**	%	0.10	1		11/02/20 10:37		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B4 (7-9) **Lab ID: 50271575004** Collected: 10/28/20 12:10 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.087	1		11/02/20 14:11	67-64-1	
Acrolein	ND	mg/kg	0.087	1		11/02/20 14:11	107-02-8	
Acrylonitrile	ND	mg/kg	0.087	1		11/02/20 14:11	107-13-1	
Benzene	ND	mg/kg	0.0043	1		11/02/20 14:11	71-43-2	
Bromobenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	108-86-1	
Bromochloromethane	ND	mg/kg	0.0043	1		11/02/20 14:11	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0043	1		11/02/20 14:11	75-27-4	
Bromoform	ND	mg/kg	0.0043	1		11/02/20 14:11	75-25-2	
Bromomethane	ND	mg/kg	0.0043	1		11/02/20 14:11	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		11/02/20 14:11	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	98-06-6	
Carbon disulfide	ND	mg/kg	0.0087	1		11/02/20 14:11	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0043	1		11/02/20 14:11	56-23-5	
Chlorobenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	108-90-7	
Chloroethane	ND	mg/kg	0.0043	1		11/02/20 14:11	75-00-3	
Chloroform	ND	mg/kg	0.0043	1		11/02/20 14:11	67-66-3	
Chloromethane	ND	mg/kg	0.0043	1		11/02/20 14:11	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0043	1		11/02/20 14:11	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0043	1		11/02/20 14:11	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0043	1		11/02/20 14:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0043	1		11/02/20 14:11	106-93-4	
Dibromomethane	ND	mg/kg	0.0043	1		11/02/20 14:11	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.087	1		11/02/20 14:11	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0043	1		11/02/20 14:11	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0043	1		11/02/20 14:11	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0043	1		11/02/20 14:11	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0043	1		11/02/20 14:11	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	1		11/02/20 14:11	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	1		11/02/20 14:11	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0043	1		11/02/20 14:11	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0043	1		11/02/20 14:11	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0043	1		11/02/20 14:11	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0043	1		11/02/20 14:11	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	1		11/02/20 14:11	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	1		11/02/20 14:11	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.087	1		11/02/20 14:11	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0043	1		11/02/20 14:11	87-68-3	
n-Hexane	ND	mg/kg	0.0043	1		11/02/20 14:11	110-54-3	
2-Hexanone	ND	mg/kg	0.087	1		11/02/20 14:11	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B4 (7-9) **Lab ID: 50271575004** Collected: 10/28/20 12:10 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.087	1		11/02/20 14:11	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0043	1		11/02/20 14:11	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0043	1		11/02/20 14:11	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		11/02/20 14:11	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.0087	1		11/02/20 14:11	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0087	1		11/02/20 14:11	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		11/02/20 14:11	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0043	1		11/02/20 14:11	1634-04-4	L1
Naphthalene	ND	mg/kg	0.0043	1		11/02/20 14:11	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	103-65-1	
Styrene	ND	mg/kg	0.0043	1		11/02/20 14:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	1		11/02/20 14:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	1		11/02/20 14:11	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0043	1		11/02/20 14:11	127-18-4	
Toluene	ND	mg/kg	0.0043	1		11/02/20 14:11	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0043	1		11/02/20 14:11	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0043	1		11/02/20 14:11	79-00-5	
Trichloroethene	**0.014**	mg/kg	0.0043	1		11/02/20 14:11	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0043	1		11/02/20 14:11	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0043	1		11/02/20 14:11	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	1		11/02/20 14:11	108-67-8	
Vinyl acetate	ND	mg/kg	0.087	1		11/02/20 14:11	108-05-4	
Vinyl chloride	ND	mg/kg	0.0043	1		11/02/20 14:11	75-01-4	
Xylene (Total)	ND	mg/kg	0.0087	1		11/02/20 14:11	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	73-133	1		11/02/20 14:11	1868-53-7	
Toluene-d8 (S)	100	%.	73-130	1		11/02/20 14:11	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	55-129	1		11/02/20 14:11	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**8.8**	%	0.10	1		11/02/20 10:37		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B5 (5-6) **Lab ID: 50271575005** Collected: 10/28/20 12:30 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.10	1		11/02/20 14:48	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/02/20 14:48	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/02/20 14:48	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/02/20 14:48	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/02/20 14:48	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/02/20 14:48	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/02/20 14:48	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/02/20 14:48	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/02/20 14:48	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/02/20 14:48	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/02/20 14:48	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/02/20 14:48	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/02/20 14:48	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/02/20 14:48	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/02/20 14:48	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/02/20 14:48	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/02/20 14:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/02/20 14:48	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/02/20 14:48	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/02/20 14:48	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/02/20 14:48	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/02/20 14:48	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/02/20 14:48	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/02/20 14:48	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/02/20 14:48	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/02/20 14:48	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/02/20 14:48	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/02/20 14:48	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/02/20 14:48	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/02/20 14:48	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/02/20 14:48	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/02/20 14:48	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/02/20 14:48	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/02/20 14:48	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/02/20 14:48	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		11/02/20 14:48	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B5 (5-6) **Lab ID: 50271575005** Collected: 10/28/20 12:30 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.10	1		11/02/20 14:48	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/02/20 14:48	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/02/20 14:48	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/02/20 14:48	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.010	1		11/02/20 14:48	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.010	1		11/02/20 14:48	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/02/20 14:48	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/02/20 14:48	1634-04-4	L1
Naphthalene	ND	mg/kg	0.0050	1		11/02/20 14:48	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/02/20 14:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/02/20 14:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/02/20 14:48	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/02/20 14:48	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/02/20 14:48	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/02/20 14:48	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/02/20 14:48	79-00-5	
Trichloroethene	**0.0061**	mg/kg	0.0050	1		11/02/20 14:48	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/02/20 14:48	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/02/20 14:48	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/02/20 14:48	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/02/20 14:48	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/02/20 14:48	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/02/20 14:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	73-133	1		11/02/20 14:48	1868-53-7	
Toluene-d8 (S)	102	%.	73-130	1		11/02/20 14:48	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	55-129	1		11/02/20 14:48	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**18.1**	%	0.10	1		11/02/20 10:37		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B6 (0-2) **Lab ID: 50271575006** Collected: 10/28/20 12:40 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.15	1		11/02/20 15:26	67-64-1	
Acrolein	ND	mg/kg	0.15	1		11/02/20 15:26	107-02-8	
Acrylonitrile	ND	mg/kg	0.15	1		11/02/20 15:26	107-13-1	
Benzene	ND	mg/kg	0.0074	1		11/02/20 15:26	71-43-2	
Bromobenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	108-86-1	
Bromochloromethane	ND	mg/kg	0.0074	1		11/02/20 15:26	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0074	1		11/02/20 15:26	75-27-4	
Bromoform	ND	mg/kg	0.0074	1		11/02/20 15:26	75-25-2	
Bromomethane	ND	mg/kg	0.0074	1		11/02/20 15:26	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.037	1		11/02/20 15:26	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	98-06-6	
Carbon disulfide	ND	mg/kg	0.015	1		11/02/20 15:26	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0074	1		11/02/20 15:26	56-23-5	
Chlorobenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	108-90-7	
Chloroethane	ND	mg/kg	0.0074	1		11/02/20 15:26	75-00-3	
Chloroform	ND	mg/kg	0.0074	1		11/02/20 15:26	67-66-3	
Chloromethane	ND	mg/kg	0.0074	1		11/02/20 15:26	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0074	1		11/02/20 15:26	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0074	1		11/02/20 15:26	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0074	1		11/02/20 15:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0074	1		11/02/20 15:26	106-93-4	
Dibromomethane	ND	mg/kg	0.0074	1		11/02/20 15:26	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.15	1		11/02/20 15:26	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0074	1		11/02/20 15:26	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0074	1		11/02/20 15:26	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0074	1		11/02/20 15:26	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0074	1		11/02/20 15:26	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0074	1		11/02/20 15:26	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0074	1		11/02/20 15:26	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0074	1		11/02/20 15:26	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0074	1		11/02/20 15:26	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0074	1		11/02/20 15:26	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0074	1		11/02/20 15:26	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0074	1		11/02/20 15:26	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0074	1		11/02/20 15:26	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.15	1		11/02/20 15:26	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0074	1		11/02/20 15:26	87-68-3	
n-Hexane	ND	mg/kg	0.0074	1		11/02/20 15:26	110-54-3	
2-Hexanone	ND	mg/kg	0.15	1		11/02/20 15:26	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B6 (0-2) **Lab ID: 50271575006** Collected: 10/28/20 12:40 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.15	1		11/02/20 15:26	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0074	1		11/02/20 15:26	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0074	1		11/02/20 15:26	99-87-6	
Methylene Chloride	ND	mg/kg	0.030	1		11/02/20 15:26	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.015	1		11/02/20 15:26	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.015	1		11/02/20 15:26	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.037	1		11/02/20 15:26	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0074	1		11/02/20 15:26	1634-04-4	L1
Naphthalene	ND	mg/kg	0.0074	1		11/02/20 15:26	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	103-65-1	
Styrene	ND	mg/kg	0.0074	1		11/02/20 15:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0074	1		11/02/20 15:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0074	1		11/02/20 15:26	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0074	1		11/02/20 15:26	127-18-4	
Toluene	ND	mg/kg	0.0074	1		11/02/20 15:26	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0074	1		11/02/20 15:26	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0074	1		11/02/20 15:26	79-00-5	
Trichloroethene	**0.025**	mg/kg	0.0074	1		11/02/20 15:26	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0074	1		11/02/20 15:26	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0074	1		11/02/20 15:26	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0074	1		11/02/20 15:26	108-67-8	
Vinyl acetate	ND	mg/kg	0.15	1		11/02/20 15:26	108-05-4	
Vinyl chloride	ND	mg/kg	0.0074	1		11/02/20 15:26	75-01-4	
Xylene (Total)	ND	mg/kg	0.015	1		11/02/20 15:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	115	%.	73-133	1		11/02/20 15:26	1868-53-7	
Toluene-d8 (S)	124	%.	73-130	1		11/02/20 15:26	2037-26-5	
4-Bromofluorobenzene (S)	76	%.	55-129	1		11/02/20 15:26	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**18.9**	%	0.10	1		11/02/20 10:37		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B7 (7-8) **Lab ID: 50271575007** Collected: 10/28/20 13:00 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.095	1		11/02/20 16:04	67-64-1	
Acrolein	ND	mg/kg	0.095	1		11/02/20 16:04	107-02-8	
Acrylonitrile	ND	mg/kg	0.095	1		11/02/20 16:04	107-13-1	
Benzene	ND	mg/kg	0.0048	1		11/02/20 16:04	71-43-2	
Bromobenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	108-86-1	
Bromochloromethane	ND	mg/kg	0.0048	1		11/02/20 16:04	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0048	1		11/02/20 16:04	75-27-4	
Bromoform	ND	mg/kg	0.0048	1		11/02/20 16:04	75-25-2	
Bromomethane	ND	mg/kg	0.0048	1		11/02/20 16:04	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.024	1		11/02/20 16:04	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	98-06-6	
Carbon disulfide	ND	mg/kg	0.0095	1		11/02/20 16:04	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0048	1		11/02/20 16:04	56-23-5	
Chlorobenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	108-90-7	
Chloroethane	ND	mg/kg	0.0048	1		11/02/20 16:04	75-00-3	
Chloroform	ND	mg/kg	0.0048	1		11/02/20 16:04	67-66-3	
Chloromethane	ND	mg/kg	0.0048	1		11/02/20 16:04	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0048	1		11/02/20 16:04	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0048	1		11/02/20 16:04	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0048	1		11/02/20 16:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0048	1		11/02/20 16:04	106-93-4	
Dibromomethane	ND	mg/kg	0.0048	1		11/02/20 16:04	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.095	1		11/02/20 16:04	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0048	1		11/02/20 16:04	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0048	1		11/02/20 16:04	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0048	1		11/02/20 16:04	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0048	1		11/02/20 16:04	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0048	1		11/02/20 16:04	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0048	1		11/02/20 16:04	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0048	1		11/02/20 16:04	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0048	1		11/02/20 16:04	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0048	1		11/02/20 16:04	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0048	1		11/02/20 16:04	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0048	1		11/02/20 16:04	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0048	1		11/02/20 16:04	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.095	1		11/02/20 16:04	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0048	1		11/02/20 16:04	87-68-3	
n-Hexane	ND	mg/kg	0.0048	1		11/02/20 16:04	110-54-3	
2-Hexanone	ND	mg/kg	0.095	1		11/02/20 16:04	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: B7 (7-8) **Lab ID: 50271575007** Collected: 10/28/20 13:00 Received: 10/29/20 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	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
	Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.095	1		11/02/20 16:04	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0048	1		11/02/20 16:04	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0048	1		11/02/20 16:04	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		11/02/20 16:04	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.0095	1		11/02/20 16:04	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0095	1		11/02/20 16:04	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.024	1		11/02/20 16:04	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0048	1		11/02/20 16:04	1634-04-4	L1
Naphthalene	ND	mg/kg	0.0048	1		11/02/20 16:04	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	103-65-1	
Styrene	ND	mg/kg	0.0048	1		11/02/20 16:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0048	1		11/02/20 16:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0048	1		11/02/20 16:04	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0048	1		11/02/20 16:04	127-18-4	
Toluene	ND	mg/kg	0.0048	1		11/02/20 16:04	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0048	1		11/02/20 16:04	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0048	1		11/02/20 16:04	79-00-5	
Trichloroethene	ND	mg/kg	0.0048	1		11/02/20 16:04	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0048	1		11/02/20 16:04	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0048	1		11/02/20 16:04	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0048	1		11/02/20 16:04	108-67-8	
Vinyl acetate	ND	mg/kg	0.095	1		11/02/20 16:04	108-05-4	
Vinyl chloride	ND	mg/kg	0.0048	1		11/02/20 16:04	75-01-4	
Xylene (Total)	ND	mg/kg	0.0095	1		11/02/20 16:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	73-133	1		11/02/20 16:04	1868-53-7	
Toluene-d8 (S)	100	%.	73-130	1		11/02/20 16:04	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	55-129	1		11/02/20 16:04	460-00-4	
Percent Moisture	Analytical Method: SM 2540G							
	Pace Analytical Services - Indianapolis							
Percent Moisture	**6.3**	%	0.10	1		11/02/20 10:38		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: TRIP BLANK **Lab ID: 50271575008** Collected: 10/28/20 08:00 Received: 10/29/20 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Acetone	ND	mg/kg	0.10	1		11/02/20 16:42	67-64-1	
Acrolein	ND	mg/kg	0.10	1		11/02/20 16:42	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		11/02/20 16:42	107-13-1	
Benzene	ND	mg/kg	0.0050	1		11/02/20 16:42	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		11/02/20 16:42	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		11/02/20 16:42	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		11/02/20 16:42	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		11/02/20 16:42	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		11/02/20 16:42	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		11/02/20 16:42	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		11/02/20 16:42	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		11/02/20 16:42	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		11/02/20 16:42	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		11/02/20 16:42	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		11/02/20 16:42	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		11/02/20 16:42	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		11/02/20 16:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		11/02/20 16:42	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		11/02/20 16:42	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		11/02/20 16:42	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		11/02/20 16:42	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		11/02/20 16:42	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		11/02/20 16:42	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		11/02/20 16:42	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/02/20 16:42	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		11/02/20 16:42	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		11/02/20 16:42	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		11/02/20 16:42	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		11/02/20 16:42	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		11/02/20 16:42	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/02/20 16:42	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		11/02/20 16:42	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		11/02/20 16:42	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		11/02/20 16:42	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		11/02/20 16:42	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		11/02/20 16:42	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Sample: TRIP BLANK **Lab ID: 50271575008** Collected: 10/28/20 08:00 Received: 10/29/20 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Iodomethane	ND	mg/kg	0.10	1		11/02/20 16:42	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		11/02/20 16:42	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		11/02/20 16:42	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		11/02/20 16:42	75-09-2	
1-Methylnaphthalene	ND	mg/kg	0.010	1		11/02/20 16:42	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.010	1		11/02/20 16:42	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		11/02/20 16:42	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		11/02/20 16:42	1634-04-4	L1
Naphthalene	ND	mg/kg	0.0050	1		11/02/20 16:42	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	103-65-1	
Styrene	ND	mg/kg	0.0050	1		11/02/20 16:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/02/20 16:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		11/02/20 16:42	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		11/02/20 16:42	127-18-4	
Toluene	ND	mg/kg	0.0050	1		11/02/20 16:42	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		11/02/20 16:42	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		11/02/20 16:42	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		11/02/20 16:42	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		11/02/20 16:42	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		11/02/20 16:42	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		11/02/20 16:42	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		11/02/20 16:42	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		11/02/20 16:42	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		11/02/20 16:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	73-133	1		11/02/20 16:42	1868-53-7	
Toluene-d8 (S)	98	%.	73-130	1		11/02/20 16:42	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	55-129	1		11/02/20 16:42	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

QC Batch: 590392 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50271575001, 50271575002, 50271575003, 50271575004, 50271575005, 50271575006, 50271575007, 50271575008

METHOD BLANK: 2723617 Matrix: Solid
Associated Lab Samples: 50271575001, 50271575002, 50271575003, 50271575004, 50271575005, 50271575006, 50271575007, 50271575008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	11/02/20 11:03	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	11/02/20 11:03	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	11/02/20 11:03	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	11/02/20 11:03	
1,1-Dichloroethane	mg/kg	ND	0.0050	11/02/20 11:03	
1,1-Dichloroethene	mg/kg	ND	0.0050	11/02/20 11:03	
1,1-Dichloropropene	mg/kg	ND	0.0050	11/02/20 11:03	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	11/02/20 11:03	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	11/02/20 11:03	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	11/02/20 11:03	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	11/02/20 11:03	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	11/02/20 11:03	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	11/02/20 11:03	
1,2-Dichloroethane	mg/kg	ND	0.0050	11/02/20 11:03	
1,2-Dichloropropane	mg/kg	ND	0.0050	11/02/20 11:03	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	11/02/20 11:03	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	11/02/20 11:03	
1,3-Dichloropropane	mg/kg	ND	0.0050	11/02/20 11:03	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	11/02/20 11:03	
1-Methylnaphthalene	mg/kg	ND	0.010	11/02/20 11:03	
2,2-Dichloropropane	mg/kg	ND	0.0050	11/02/20 11:03	
2-Butanone (MEK)	mg/kg	ND	0.025	11/02/20 11:03	
2-Chlorotoluene	mg/kg	ND	0.0050	11/02/20 11:03	
2-Hexanone	mg/kg	ND	0.10	11/02/20 11:03	
2-Methylnaphthalene	mg/kg	ND	0.010	11/02/20 11:03	
4-Chlorotoluene	mg/kg	ND	0.0050	11/02/20 11:03	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	11/02/20 11:03	
Acetone	mg/kg	ND	0.10	11/02/20 11:03	
Acrolein	mg/kg	ND	0.10	11/02/20 11:03	
Acrylonitrile	mg/kg	ND	0.10	11/02/20 11:03	
Benzene	mg/kg	ND	0.0050	11/02/20 11:03	
Bromobenzene	mg/kg	ND	0.0050	11/02/20 11:03	
Bromochloromethane	mg/kg	ND	0.0050	11/02/20 11:03	
Bromodichloromethane	mg/kg	ND	0.0050	11/02/20 11:03	
Bromoform	mg/kg	ND	0.0050	11/02/20 11:03	
Bromomethane	mg/kg	ND	0.0050	11/02/20 11:03	
Carbon disulfide	mg/kg	ND	0.010	11/02/20 11:03	
Carbon tetrachloride	mg/kg	ND	0.0050	11/02/20 11:03	
Chlorobenzene	mg/kg	ND	0.0050	11/02/20 11:03	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

METHOD BLANK: 2723617 Matrix: Solid
Associated Lab Samples: 50271575001, 50271575002, 50271575003, 50271575004, 50271575005, 50271575006, 50271575007, 50271575008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	mg/kg	ND	0.0050	11/02/20 11:03	
Chloroform	mg/kg	ND	0.0050	11/02/20 11:03	
Chloromethane	mg/kg	ND	0.0050	11/02/20 11:03	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	11/02/20 11:03	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	11/02/20 11:03	
Dibromochloromethane	mg/kg	ND	0.0050	11/02/20 11:03	
Dibromomethane	mg/kg	ND	0.0050	11/02/20 11:03	
Dichlorodifluoromethane	mg/kg	ND	0.0050	11/02/20 11:03	
Ethyl methacrylate	mg/kg	ND	0.10	11/02/20 11:03	
Ethylbenzene	mg/kg	ND	0.0050	11/02/20 11:03	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	11/02/20 11:03	
Iodomethane	mg/kg	ND	0.10	11/02/20 11:03	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	11/02/20 11:03	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	11/02/20 11:03	
Methylene Chloride	mg/kg	ND	0.020	11/02/20 11:03	
n-Butylbenzene	mg/kg	ND	0.0050	11/02/20 11:03	
n-Hexane	mg/kg	ND	0.0050	11/02/20 11:03	
n-Propylbenzene	mg/kg	ND	0.0050	11/02/20 11:03	
Naphthalene	mg/kg	ND	0.0050	11/02/20 11:03	
p-Isopropyltoluene	mg/kg	ND	0.0050	11/02/20 11:03	
sec-Butylbenzene	mg/kg	ND	0.0050	11/02/20 11:03	
Styrene	mg/kg	ND	0.0050	11/02/20 11:03	
tert-Butylbenzene	mg/kg	ND	0.0050	11/02/20 11:03	
Tetrachloroethene	mg/kg	ND	0.0050	11/02/20 11:03	
Toluene	mg/kg	ND	0.0050	11/02/20 11:03	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	11/02/20 11:03	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	11/02/20 11:03	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	11/02/20 11:03	
Trichloroethene	mg/kg	ND	0.0050	11/02/20 11:03	
Trichlorofluoromethane	mg/kg	ND	0.0050	11/02/20 11:03	
Vinyl acetate	mg/kg	ND	0.10	11/02/20 11:03	
Vinyl chloride	mg/kg	ND	0.0050	11/02/20 11:03	
Xylene (Total)	mg/kg	ND	0.010	11/02/20 11:03	
4-Bromofluorobenzene (S)	%.	101	55-129	11/02/20 11:03	
Dibromofluoromethane (S)	%.	99	73-133	11/02/20 11:03	
Toluene-d8 (S)	%.	101	73-130	11/02/20 11:03	

LABORATORY CONTROL SAMPLE: 2723618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.054	108	72-132	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.057	115	63-127	
1,1-Dichloroethene	mg/kg	0.05	0.051	102	70-126	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

LABORATORY CONTROL SAMPLE: 2723618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	0.05	0.054	108	62-117	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.055	109	73-124	
1,2-Dichloroethane	mg/kg	0.05	0.055	110	67-129	
1,2-Dichloropropane	mg/kg	0.05	0.056	112	72-125	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.055	110	63-115	
Benzene	mg/kg	0.05	0.052	105	74-117	
Chlorobenzene	mg/kg	0.05	0.051	102	72-114	
Chloroform	mg/kg	0.05	0.054	108	69-120	
cis-1,2-Dichloroethene	mg/kg	0.05	0.047	95	73-117	
Ethylbenzene	mg/kg	0.05	0.050	100	68-118	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.055	109	69-121	
Methyl-tert-butyl ether	mg/kg	0.05	0.069	138	75-136	L1
Naphthalene	mg/kg	0.05	0.055	110	66-120	
Tetrachloroethene	mg/kg	0.05	0.045	89	59-119	
Toluene	mg/kg	0.05	0.055	110	68-115	
trans-1,2-Dichloroethene	mg/kg	0.05	0.056	112	71-125	
Trichloroethene	mg/kg	0.05	0.048	95	68-118	
Vinyl chloride	mg/kg	0.05	0.052	104	49-125	
Xylene (Total)	mg/kg	0.15	0.16	108	69-118	
4-Bromofluorobenzene (S)	%.			116	55-129	
Dibromofluoromethane (S)	%.			94	73-133	
Toluene-d8 (S)	%.			106	73-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

QC Batch: 590217
QC Batch Method: SM 2540G
Analysis Method: SM 2540G
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50271575001

SAMPLE DUPLICATE: 2723071

Parameter	Units	50271104002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.6	16.2	4	5	N2

SAMPLE DUPLICATE: 2723072

Parameter	Units	50271173004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.5	7.0	25	5	N2,R1

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

QC Batch: 590347
QC Batch Method: SM 2540G
Analysis Method: SM 2540G
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50271575002, 50271575003, 50271575004, 50271575005, 50271575006, 50271575007

SAMPLE DUPLICATE: 2723456

Parameter	Units	50271546001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	ND	ND		5	N2

SAMPLE DUPLICATE: 2723457

Parameter	Units	50271737001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.9	12.8	16	5	N2,R1

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

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 adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

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

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Houghland Canning FSI #4
Pace Project No.: 50271575

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50271575001	**B1 (7-9)**	EPA 8260	590392		
50271575002	**B2 (7-8)**	EPA 8260	590392		
50271575003	**B3 (3-5)**	EPA 8260	590392		
50271575004	**B4 (7-9)**	EPA 8260	590392		
50271575005	**B5 (5-6)**	EPA 8260	590392		
50271575006	**B6 (0-2)**	EPA 8260	590392		
50271575007	**B7 (7-8)**	EPA 8260	590392		
50271575008	**TRIP BLANK**	EPA 8260	590392		
50271575001	**B1 (7-9)**	SM 2540G	590217		
50271575002	**B2 (7-8)**	SM 2540G	590347		
50271575003	**B3 (3-5)**	SM 2540G	590347		
50271575004	**B4 (7-9)**	SM 2540G	590347		
50271575005	**B5 (5-6)**	SM 2540G	590347		
50271575006	**B6 (0-2)**	SM 2540G	590347		
50271575007	**B7 (7-8)**	SM 2540G	590347		

WO# : 50271575

50271575

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 of 1

Section A — Required Client Information:

Company: Patriot_Indianapolis
Address: 6150 E 75th St
Indianapolis, IN 46250
Email: jcody@patrioteng.com
Phone: (317)576-8058 Fax:
Requested Due Date: 4 DAY

Required Project Information:

Report To: James Cody
Copy To: MIKE CASPER
Purchase Order #:
Project Name: Houghland Canning FSI #4
Project #: 20-0963-01E

Section C — Invoice Information:

Attention: AP@patrioteng.com
Company Name:
Address:
Pace Quote:
Pace Project Manager: tina.sayer@pacelabs.com,
Pace Profile #: 6950

Regulatory Agency:
State / Location: IN

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	IN VOC DI bulk 5035	IN Trip Blank	Residual Chlorine (Y/N)	
25	B1 (7-9)	SL	G			10/28	10:35		4	X						X	X		X			001
26	B2 (7-8)	SL	"			"	11:00		"	"						"	"		X			002
27	B3 (3-5)	SL	"			"	11:50		"	"						"	"		X			003
28	B4 (7-9)	SL	"			"	12:10		"	"						"	"		X			004
29	B5 (5-6)	SL	"			"	12:30		"	"						"	"		X			005
30	B6 (0-2)	SL	"			"	12:40		"	"						"	"		X			006
31	B7 (7-8)	SL	"			✓	13:00		"	"						"	"		X			007
32	TRIP BLANK	SL	✓			—	—		✓	✓						✓	✓		X	X		008
33		SL																	X			
34		SL																	X			
35		SL																	X			
36		SL																	X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
4 DAY TURN	JAMES CODY/PATRIOT	10/28	14:00	MS Shuttle / Patriot	14:45	10/28				
	MS Shuttle / Patriot	10/29		Pace	10/29/20	0900	3.6	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JAMES CODY

SIGNATURE of SAMPLER: James Cody

DATE Signed: 10/23/20

Pace Analytical

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: MRP 10/29/20 1036

Courier: Fed Ex UPS (Client) Pace USPS Other _____

Custody Seal on Cooler/Box Present: (Yes) No **(If yes)Seals Intact:** (Yes) No **(leave blank if no seals were present)**

Packing Material: Bubble Wrap (Bubble Bags) None Other _____

Thermometer: (1)2 3 4 5 6 A B C D E F **Ice Type:** (Wet) Blue None

Cooler Temperature: 4.0/3.C

Temp should be above freezing to 6°C **(Initial/Corrected)**

If temp. is over 6°C or under 0°C, was the PM notified?: Yes No

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		✓	All containers needing acid/base pres. Have been CHECKED?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** **Circle:** **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			✓
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Short Hold Time Analysis (48 hours or less)? **Analysis:** TC	✓		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1050		Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested (4 days or less):		✓	Headspace Wisconsin Sulfide?			✓
Custody Signatures Present?	✓		Headspace in VOA Vials (>6mm):			✓
Containers Intact?:	✓		Trip Blank Present?	✓		
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?:	✓		
Extra labels on Terracore Vials? (soils only)		✓				

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

SBS
DI
BK
Kit

Sample Line Item	WGFU	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>10
1		4																								SL			
2		↓																								↓			
3																													
4																													
5																													
6																													
7		↓																											
8		3																											
9																													
10																													
11																													
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass
VSG	Headspace septa vial & HCl	BG1H	1L HCl clear glass
WGKU	8oz unpreserved clear jar	BG1S	1L H2SO4 clear glass
WGFU	4oz clear soil jar	BG1T	1L Na Thiosulfate clear glass
JGFU	4oz unpreserved amber wide	BG1U	1L unpreserved glass
CG3H	250mL clear glass HCl	BG3H	250mL HCl Clear Glass

Plastic / Misc.

BG3U	250mL Unpres Clear Glass
BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)

BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

APPENDIX E

GROUNDWATER LABORATORY ANALYTICAL REPORT

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

November 23, 2020

Mr. James Cody
Patriot Engineering
6150 E 75th St
Indianapolis, IN 46250

RE: Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Dear Mr. Cody:

Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Indianapolis

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

Sincerely,

Tina Sayer

Tina Sayer
tina.sayer@pacelabs.com
(317)228-3100
Project Manager

Enclosures

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Laboratory #: 999788130
USDA Soil Permit #: P330-19-00257

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50273493001	**MW-20**	Water	11/16/20 12:25	11/17/20 17:47
50273493002	**MW-21**	Water	11/16/20 13:20	11/17/20 17:47
50273493003	**MW-25**	Water	11/16/20 14:10	11/17/20 17:47
50273493004	**MW-24**	Water	11/16/20 15:00	11/17/20 17:47
50273493005	**MW-27**	Water	11/16/20 15:50	11/17/20 17:47
50273493006	**MW-10**	Water	11/16/20 16:40	11/17/20 17:47
50273493007	**DUP-1**	Water	11/16/20 08:00	11/17/20 17:47
50273493008	**MW-32**	Water	11/16/20 16:30	11/17/20 17:47
50273493009	**MW-22D**	Water	11/17/20 08:30	11/17/20 17:47
50273493010	**MW-22**	Water	11/17/20 09:20	11/17/20 17:47
50273493011	**MW-29D**	Water	11/17/20 10:30	11/17/20 17:47
50273493012	**MW-42**	Water	11/17/20 11:30	11/17/20 17:47
50273493013	**MW-42D**	Water	11/17/20 12:20	11/17/20 17:47
50273493014	**MW-41**	Water	11/17/20 13:20	11/17/20 17:47
50273493015	**MW-41D**	Water	11/17/20 14:10	11/17/20 17:47
50273493016	**MW-13**	Water	11/17/20 15:00	11/17/20 17:47
50273493017	**MW-12**	Water	11/17/20 15:50	11/17/20 17:47
50273493018	**MW-12D**	Water	11/17/20 16:40	11/17/20 17:47
50273493019	**MW-11**	Water	11/17/20 09:25	11/17/20 17:47
50273493020	**MW-11D**	Water	11/17/20 10:05	11/17/20 17:47
50273493021	**MW-30**	Water	11/17/20 11:00	11/17/20 17:47
50273493022	**MW-31**	Water	11/17/20 11:45	11/17/20 17:47
50273493023	**MW-26**	Water	11/17/20 12:30	11/17/20 17:47
50273493024	**MW-33D**	Water	11/17/20 13:15	11/17/20 17:47
50273493025	**MW-33**	Water	11/17/20 14:25	11/17/20 17:47
50273493026	**MW-38**	Water	11/17/20 15:10	11/17/20 17:47
50273493027	**MW-38D**	Water	11/17/20 16:00	11/17/20 17:47
50273493028	**DUP-2**	Water	11/17/20 08:00	11/17/20 17:47
50273493029	**TRIP BLANK**	Water	11/16/20 08:00	11/17/20 17:47

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50273493001	MW-20	EPA 5030/8260	LKC	75	PASI-I
50273493002	MW-21	EPA 5030/8260	LKC	75	PASI-I
50273493003	MW-25	EPA 5030/8260	LKC	75	PASI-I
50273493004	MW-24	EPA 5030/8260	LKC	75	PASI-I
50273493005	MW-27	EPA 5030/8260	LKC	75	PASI-I
50273493006	MW-10	EPA 5030/8260	LKC	75	PASI-I
50273493007	DUP-1	EPA 5030/8260	LKC	75	PASI-I
50273493008	MW-32	EPA 5030/8260	LKC	75	PASI-I
50273493009	MW-22D	EPA 5030/8260	LKC	75	PASI-I
50273493010	MW-22	EPA 5030/8260	LKC	75	PASI-I
50273493011	MW-29D	EPA 5030/8260	LKC	75	PASI-I
50273493012	MW-42	EPA 5030/8260	LKC	75	PASI-I
50273493013	MW-42D	EPA 5030/8260	LKC	75	PASI-I
50273493014	MW-41	EPA 5030/8260	LKC	75	PASI-I
50273493015	MW-41D	EPA 5030/8260	LKC	75	PASI-I
50273493016	MW-13	EPA 5030/8260	LKC	75	PASI-I
50273493017	MW-12	EPA 5030/8260	LKC	75	PASI-I
50273493018	MW-12D	EPA 5030/8260	LKC	75	PASI-I
50273493019	MW-11	EPA 5030/8260	LKC	75	PASI-I
50273493020	MW-11D	EPA 5030/8260	LKC	75	PASI-I
50273493021	MW-30	EPA 5030/8260	LKC	75	PASI-I
50273493022	MW-31	EPA 5030/8260	LKC	75	PASI-I
50273493023	MW-26	EPA 5030/8260	LKC	75	PASI-I
50273493024	MW-33D	EPA 5030/8260	LKC	75	PASI-I
50273493025	MW-33	EPA 5030/8260	LKC	75	PASI-I
50273493026	MW-38	EPA 5030/8260	LKC	75	PASI-I
50273493027	MW-38D	EPA 5030/8260	LKC	75	PASI-I
50273493028	DUP-2	EPA 5030/8260	LKC	75	PASI-I
50273493029	TRIP BLANK	EPA 5030/8260	LKC	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50273493004	**MW-24**					
EPA 5030/8260	Tetrachloroethene	64.9	ug/L	5.0	11/19/20 22:46	
EPA 5030/8260	Trichloroethene	35.9	ug/L	5.0	11/19/20 22:46	
50273493007	**DUP-1**					
EPA 5030/8260	cis-1,2-Dichloroethene	8.7	ug/L	5.0	11/20/20 00:26	
EPA 5030/8260	Tetrachloroethene	7.8	ug/L	5.0	11/20/20 00:26	
EPA 5030/8260	Trichloroethene	7.8	ug/L	5.0	11/20/20 00:26	
50273493008	**MW-32**					
EPA 5030/8260	cis-1,2-Dichloroethene	8.2	ug/L	5.0	11/20/20 00:59	
EPA 5030/8260	Tetrachloroethene	7.6	ug/L	5.0	11/20/20 00:59	
EPA 5030/8260	Trichloroethene	7.8	ug/L	5.0	11/20/20 00:59	
50273493009	**MW-22D**					
EPA 5030/8260	Tetrachloroethene	10.5	ug/L	5.0	11/20/20 01:32	
EPA 5030/8260	Trichloroethene	32.8	ug/L	5.0	11/20/20 01:32	
50273493010	**MW-22**					
EPA 5030/8260	Tetrachloroethene	11.8	ug/L	5.0	11/20/20 09:04	
EPA 5030/8260	Trichloroethene	68.7	ug/L	5.0	11/20/20 09:04	
50273493011	**MW-29D**					
EPA 5030/8260	cis-1,2-Dichloroethene	90.0	ug/L	5.0	11/20/20 09:37	
EPA 5030/8260	Tetrachloroethene	7.4	ug/L	5.0	11/20/20 09:37	
EPA 5030/8260	Trichloroethene	75.9	ug/L	5.0	11/20/20 09:37	
50273493012	**MW-42**					
EPA 5030/8260	Trichloroethene	258	ug/L	5.0	11/20/20 10:11	
50273493013	**MW-42D**					
EPA 5030/8260	cis-1,2-Dichloroethene	450	ug/L	50.0	11/21/20 05:24	
EPA 5030/8260	trans-1,2-Dichloroethene	37.0	ug/L	5.0	11/20/20 10:44	
EPA 5030/8260	Trichloroethene	46.4	ug/L	5.0	11/20/20 10:44	
50273493014	**MW-41**					
EPA 5030/8260	cis-1,2-Dichloroethene	6.3	ug/L	5.0	11/20/20 11:18	
EPA 5030/8260	Trichloroethene	400	ug/L	50.0	11/21/20 05:58	
EPA 5030/8260	Vinyl chloride	3.3	ug/L	2.0	11/20/20 11:18	
50273493015	**MW-41D**					
EPA 5030/8260	cis-1,2-Dichloroethene	7.1	ug/L	5.0	11/20/20 04:20	
EPA 5030/8260	Trichloroethene	277	ug/L	5.0	11/20/20 04:20	
50273493017	**MW-12**					
EPA 5030/8260	Trichloroethene	55.3	ug/L	5.0	11/20/20 05:27	
50273493019	**MW-11**					
EPA 5030/8260	Tetrachloroethene	110	ug/L	5.0	11/20/20 06:34	
EPA 5030/8260	Trichloroethene	37.5	ug/L	5.0	11/20/20 06:34	
50273493021	**MW-30**					
EPA 5030/8260	Tetrachloroethene	636	ug/L	50.0	11/21/20 06:31	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50273493021	**MW-30**					
EPA 5030/8260	Trichloroethene	214	ug/L	5.0	11/20/20 07:40	
50273493022	**MW-31**					
EPA 5030/8260	Tetrachloroethene	13.3	ug/L	5.0	11/20/20 08:13	
50273493023	**MW-26**					
EPA 5030/8260	Tetrachloroethene	27.9	ug/L	5.0	11/20/20 08:47	
EPA 5030/8260	Trichloroethene	47.6	ug/L	5.0	11/20/20 08:47	
50273493024	**MW-33D**					
EPA 5030/8260	Tetrachloroethene	24.6	ug/L	5.0	11/20/20 09:21	
EPA 5030/8260	Trichloroethene	68.6	ug/L	5.0	11/20/20 09:21	
50273493025	**MW-33**					
EPA 5030/8260	Tetrachloroethene	28.4	ug/L	5.0	11/20/20 11:35	
EPA 5030/8260	Trichloroethene	56.6	ug/L	5.0	11/20/20 11:35	
50273493026	**MW-38**					
EPA 5030/8260	Tetrachloroethene	47.6	ug/L	5.0	11/20/20 12:08	M1
EPA 5030/8260	Trichloroethene	35.1	ug/L	5.0	11/20/20 12:08	
50273493027	**MW-38D**					
EPA 5030/8260	Tetrachloroethene	18.5	ug/L	5.0	11/21/20 08:44	
EPA 5030/8260	Trichloroethene	105	ug/L	5.0	11/21/20 08:44	

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ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-20 **Lab ID: 50273493001** Collected: 11/16/20 12:25 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/19/20 19:58	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/19/20 19:58	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/19/20 19:58	107-13-1	
Benzene	ND	ug/L	5.0	1		11/19/20 19:58	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/19/20 19:58	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/19/20 19:58	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/19/20 19:58	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/19/20 19:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/19/20 19:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/19/20 19:58	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/19/20 19:58	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/19/20 19:58	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/19/20 19:58	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/19/20 19:58	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/19/20 19:58	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/19/20 19:58	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/19/20 19:58	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/19/20 19:58	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/19/20 19:58	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 19:58	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 19:58	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/19/20 19:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/19/20 19:58	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/19/20 19:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 19:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 19:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 19:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/19/20 19:58	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/19/20 19:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/19/20 19:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/19/20 19:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/19/20 19:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 19:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 19:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 19:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/19/20 19:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 19:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/19/20 19:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 19:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 19:58	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/19/20 19:58	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/19/20 19:58	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/19/20 19:58	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/19/20 19:58	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/19/20 19:58	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/19/20 19:58	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-20 **Lab ID: 50273493001** Collected: 11/16/20 12:25 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/19/20 19:58	98-82-8	L2
p-Isopropyltoluene	ND	ug/L	5.0	1		11/19/20 19:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/19/20 19:58	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 19:58	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 19:58	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/19/20 19:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/19/20 19:58	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/19/20 19:58	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/19/20 19:58	103-65-1	
Styrene	ND	ug/L	5.0	1		11/19/20 19:58	100-42-5	L2
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 19:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 19:58	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/19/20 19:58	127-18-4	
Toluene	ND	ug/L	5.0	1		11/19/20 19:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 19:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 19:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/19/20 19:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/19/20 19:58	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/19/20 19:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/19/20 19:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/19/20 19:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 19:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 19:58	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/19/20 19:58	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/19/20 19:58	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/19/20 19:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	109	%.	75-120	1		11/19/20 19:58	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	85-116	1		11/19/20 19:58	460-00-4	
Toluene-d8 (S)	94	%.	83-111	1		11/19/20 19:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-21 **Lab ID: 50273493002** Collected: 11/16/20 13:20 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/19/20 21:39	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/19/20 21:39	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/19/20 21:39	107-13-1	
Benzene	ND	ug/L	5.0	1		11/19/20 21:39	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/19/20 21:39	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/19/20 21:39	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/19/20 21:39	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/19/20 21:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/19/20 21:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/19/20 21:39	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/19/20 21:39	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/19/20 21:39	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/19/20 21:39	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/19/20 21:39	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/19/20 21:39	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/19/20 21:39	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/19/20 21:39	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/19/20 21:39	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/19/20 21:39	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 21:39	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 21:39	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/19/20 21:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/19/20 21:39	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/19/20 21:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 21:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 21:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 21:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/19/20 21:39	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/19/20 21:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/19/20 21:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/19/20 21:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/19/20 21:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 21:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 21:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 21:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/19/20 21:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 21:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/19/20 21:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 21:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 21:39	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/19/20 21:39	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/19/20 21:39	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/19/20 21:39	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/19/20 21:39	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/19/20 21:39	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/19/20 21:39	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-21 **Lab ID: 50273493002** Collected: 11/16/20 13:20 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/19/20 21:39	98-82-8	L2
p-Isopropyltoluene	ND	ug/L	5.0	1		11/19/20 21:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/19/20 21:39	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 21:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 21:39	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/19/20 21:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/19/20 21:39	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/19/20 21:39	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/19/20 21:39	103-65-1	
Styrene	ND	ug/L	5.0	1		11/19/20 21:39	100-42-5	L2
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 21:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 21:39	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/19/20 21:39	127-18-4	
Toluene	ND	ug/L	5.0	1		11/19/20 21:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 21:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 21:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/19/20 21:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/19/20 21:39	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/19/20 21:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/19/20 21:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/19/20 21:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 21:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 21:39	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/19/20 21:39	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/19/20 21:39	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/19/20 21:39	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	75-120	1		11/19/20 21:39	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/19/20 21:39	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/19/20 21:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-25 **Lab ID: 50273493003** Collected: 11/16/20 14:10 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/19/20 22:13	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/19/20 22:13	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/19/20 22:13	107-13-1	
Benzene	ND	ug/L	5.0	1		11/19/20 22:13	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/19/20 22:13	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/19/20 22:13	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/19/20 22:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/19/20 22:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/19/20 22:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/19/20 22:13	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/19/20 22:13	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/19/20 22:13	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/19/20 22:13	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/19/20 22:13	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/19/20 22:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/19/20 22:13	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/19/20 22:13	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/19/20 22:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/19/20 22:13	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 22:13	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 22:13	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/19/20 22:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/19/20 22:13	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/19/20 22:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/19/20 22:13	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/19/20 22:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/19/20 22:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/19/20 22:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/19/20 22:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 22:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 22:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 22:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/19/20 22:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 22:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/19/20 22:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 22:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 22:13	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/19/20 22:13	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/19/20 22:13	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/19/20 22:13	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/19/20 22:13	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/19/20 22:13	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/19/20 22:13	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-25 **Lab ID: 50273493003** Collected: 11/16/20 14:10 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/19/20 22:13	98-82-8	L2
p-Isopropyltoluene	ND	ug/L	5.0	1		11/19/20 22:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/19/20 22:13	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 22:13	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 22:13	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/19/20 22:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/19/20 22:13	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/19/20 22:13	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/19/20 22:13	103-65-1	
Styrene	ND	ug/L	5.0	1		11/19/20 22:13	100-42-5	L2
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 22:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 22:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/19/20 22:13	127-18-4	
Toluene	ND	ug/L	5.0	1		11/19/20 22:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/19/20 22:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/19/20 22:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/19/20 22:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/19/20 22:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/19/20 22:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 22:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 22:13	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/19/20 22:13	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/19/20 22:13	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/19/20 22:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	112	%.	75-120	1		11/19/20 22:13	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/19/20 22:13	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/19/20 22:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-24 **Lab ID: 50273493004** Collected: 11/16/20 15:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/19/20 22:46	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/19/20 22:46	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/19/20 22:46	107-13-1	
Benzene	ND	ug/L	5.0	1		11/19/20 22:46	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/19/20 22:46	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/19/20 22:46	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/19/20 22:46	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/19/20 22:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/19/20 22:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/19/20 22:46	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/19/20 22:46	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/19/20 22:46	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/19/20 22:46	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/19/20 22:46	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/19/20 22:46	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/19/20 22:46	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/19/20 22:46	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/19/20 22:46	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/19/20 22:46	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 22:46	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 22:46	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/19/20 22:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/19/20 22:46	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/19/20 22:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/19/20 22:46	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/19/20 22:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/19/20 22:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/19/20 22:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/19/20 22:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 22:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 22:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 22:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/19/20 22:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 22:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/19/20 22:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 22:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 22:46	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/19/20 22:46	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/19/20 22:46	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/19/20 22:46	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/19/20 22:46	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/19/20 22:46	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/19/20 22:46	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-24 **Lab ID: 50273493004** Collected: 11/16/20 15:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/19/20 22:46	98-82-8	L2
p-Isopropyltoluene	ND	ug/L	5.0	1		11/19/20 22:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/19/20 22:46	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 22:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 22:46	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/19/20 22:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/19/20 22:46	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/19/20 22:46	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/19/20 22:46	103-65-1	
Styrene	ND	ug/L	5.0	1		11/19/20 22:46	100-42-5	L2
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 22:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 22:46	79-34-5	
Tetrachloroethene	**64.9**	ug/L	5.0	1		11/19/20 22:46	127-18-4	
Toluene	ND	ug/L	5.0	1		11/19/20 22:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 22:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/19/20 22:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/19/20 22:46	79-00-5	
Trichloroethene	**35.9**	ug/L	5.0	1		11/19/20 22:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/19/20 22:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/19/20 22:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 22:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 22:46	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/19/20 22:46	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/19/20 22:46	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/19/20 22:46	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	75-120	1		11/19/20 22:46	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/19/20 22:46	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/19/20 22:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-27 **Lab ID: 50273493005** Collected: 11/16/20 15:50 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/19/20 23:19	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/19/20 23:19	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/19/20 23:19	107-13-1	
Benzene	ND	ug/L	5.0	1		11/19/20 23:19	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/19/20 23:19	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/19/20 23:19	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/19/20 23:19	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/19/20 23:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/19/20 23:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/19/20 23:19	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/19/20 23:19	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/19/20 23:19	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/19/20 23:19	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/19/20 23:19	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/19/20 23:19	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/19/20 23:19	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/19/20 23:19	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/19/20 23:19	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/19/20 23:19	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 23:19	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 23:19	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/19/20 23:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/19/20 23:19	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/19/20 23:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/19/20 23:19	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/19/20 23:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/19/20 23:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/19/20 23:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/19/20 23:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 23:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 23:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 23:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/19/20 23:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 23:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/19/20 23:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 23:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 23:19	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/19/20 23:19	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/19/20 23:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/19/20 23:19	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/19/20 23:19	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/19/20 23:19	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/19/20 23:19	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-27 **Lab ID: 50273493005** Collected: 11/16/20 15:50 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/19/20 23:19	98-82-8	L2
p-Isopropyltoluene	ND	ug/L	5.0	1		11/19/20 23:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/19/20 23:19	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 23:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 23:19	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/19/20 23:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/19/20 23:19	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/19/20 23:19	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/19/20 23:19	103-65-1	
Styrene	ND	ug/L	5.0	1		11/19/20 23:19	100-42-5	L2
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 23:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 23:19	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/19/20 23:19	127-18-4	
Toluene	ND	ug/L	5.0	1		11/19/20 23:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/19/20 23:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/19/20 23:19	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/19/20 23:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/19/20 23:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/19/20 23:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 23:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 23:19	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/19/20 23:19	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/19/20 23:19	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/19/20 23:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	110	%.	75-120	1		11/19/20 23:19	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/19/20 23:19	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/19/20 23:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-10 **Lab ID: 50273493006** Collected: 11/16/20 16:40 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/19/20 23:53	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/19/20 23:53	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/19/20 23:53	107-13-1	
Benzene	ND	ug/L	5.0	1		11/19/20 23:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/19/20 23:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/19/20 23:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/19/20 23:53	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/19/20 23:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/19/20 23:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/19/20 23:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/19/20 23:53	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/19/20 23:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/19/20 23:53	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/19/20 23:53	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/19/20 23:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/19/20 23:53	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/19/20 23:53	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/19/20 23:53	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/19/20 23:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 23:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/19/20 23:53	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/19/20 23:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/19/20 23:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/19/20 23:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/19/20 23:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/19/20 23:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/19/20 23:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/19/20 23:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/19/20 23:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 23:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/19/20 23:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 23:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/19/20 23:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/19/20 23:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/19/20 23:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 23:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/19/20 23:53	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/19/20 23:53	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/19/20 23:53	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/19/20 23:53	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/19/20 23:53	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/19/20 23:53	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/19/20 23:53	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-10 **Lab ID: 50273493006** Collected: 11/16/20 16:40 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/19/20 23:53	98-82-8	L2
p-Isopropyltoluene	ND	ug/L	5.0	1		11/19/20 23:53	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/19/20 23:53	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 23:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/19/20 23:53	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/19/20 23:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/19/20 23:53	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/19/20 23:53	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/19/20 23:53	103-65-1	
Styrene	ND	ug/L	5.0	1		11/19/20 23:53	100-42-5	L2
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 23:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/19/20 23:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/19/20 23:53	127-18-4	
Toluene	ND	ug/L	5.0	1		11/19/20 23:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/19/20 23:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/19/20 23:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/19/20 23:53	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/19/20 23:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/19/20 23:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/19/20 23:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 23:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/19/20 23:53	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/19/20 23:53	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/19/20 23:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/19/20 23:53	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	75-120	1		11/19/20 23:53	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/19/20 23:53	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/19/20 23:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: DUP-1 **Lab ID: 50273493007** Collected: 11/16/20 08:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 00:26	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 00:26	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 00:26	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 00:26	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 00:26	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 00:26	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 00:26	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 00:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 00:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 00:26	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 00:26	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 00:26	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 00:26	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 00:26	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 00:26	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 00:26	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 00:26	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 00:26	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 00:26	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 00:26	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 00:26	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 00:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 00:26	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 00:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 00:26	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 00:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 00:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 00:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 00:26	75-35-4	
cis-1,2-Dichloroethene	**8.7**	ug/L	5.0	1		11/20/20 00:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 00:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 00:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 00:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 00:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 00:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 00:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 00:26	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 00:26	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 00:26	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 00:26	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 00:26	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 00:26	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 00:26	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: DUP-1 **Lab ID: 50273493007** Collected: 11/16/20 08:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 00:26	98-82-8	L2
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 00:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 00:26	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 00:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 00:26	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 00:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 00:26	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 00:26	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 00:26	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 00:26	100-42-5	L2
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 00:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 00:26	79-34-5	
Tetrachloroethene	**7.8**	ug/L	5.0	1		11/20/20 00:26	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 00:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 00:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 00:26	79-00-5	
Trichloroethene	**7.8**	ug/L	5.0	1		11/20/20 00:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 00:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 00:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 00:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 00:26	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 00:26	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 00:26	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 00:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	75-120	1		11/20/20 00:26	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-116	1		11/20/20 00:26	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/20/20 00:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-32 **Lab ID: 50273493008** Collected: 11/16/20 16:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 00:59	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 00:59	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 00:59	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 00:59	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 00:59	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 00:59	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 00:59	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 00:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 00:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 00:59	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 00:59	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 00:59	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 00:59	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 00:59	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 00:59	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 00:59	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 00:59	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 00:59	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 00:59	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 00:59	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 00:59	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 00:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 00:59	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 00:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 00:59	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 00:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 00:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 00:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 00:59	75-35-4	
cis-1,2-Dichloroethene	**8.2**	ug/L	5.0	1		11/20/20 00:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 00:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 00:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 00:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 00:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 00:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 00:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 00:59	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 00:59	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 00:59	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 00:59	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 00:59	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 00:59	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 00:59	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-32 **Lab ID: 50273493008** Collected: 11/16/20 16:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 00:59	98-82-8	L2
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 00:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 00:59	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 00:59	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 00:59	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 00:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 00:59	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 00:59	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 00:59	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 00:59	100-42-5	L2
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 00:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 00:59	79-34-5	
Tetrachloroethene	**7.6**	ug/L	5.0	1		11/20/20 00:59	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 00:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 00:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 00:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 00:59	79-00-5	
Trichloroethene	**7.8**	ug/L	5.0	1		11/20/20 00:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 00:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 00:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 00:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 00:59	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 00:59	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 00:59	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 00:59	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	109	%.	75-120	1		11/20/20 00:59	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/20/20 00:59	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/20/20 00:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-22D **Lab ID: 50273493009** Collected: 11/17/20 08:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 01:32	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 01:32	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 01:32	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 01:32	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 01:32	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 01:32	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 01:32	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 01:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 01:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 01:32	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 01:32	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 01:32	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 01:32	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 01:32	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 01:32	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 01:32	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 01:32	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 01:32	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 01:32	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 01:32	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 01:32	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 01:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 01:32	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 01:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 01:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 01:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 01:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 01:32	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 01:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 01:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 01:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 01:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 01:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 01:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 01:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 01:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 01:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 01:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 01:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 01:32	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 01:32	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 01:32	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 01:32	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 01:32	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 01:32	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 01:32	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-22D **Lab ID: 50273493009** Collected: 11/17/20 08:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 01:32	98-82-8	L2
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 01:32	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 01:32	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 01:32	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 01:32	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 01:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 01:32	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 01:32	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 01:32	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 01:32	100-42-5	L2
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 01:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 01:32	79-34-5	
Tetrachloroethene	**10.5**	ug/L	5.0	1		11/20/20 01:32	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 01:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 01:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 01:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 01:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 01:32	79-00-5	
Trichloroethene	**32.8**	ug/L	5.0	1		11/20/20 01:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 01:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 01:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 01:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 01:32	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 01:32	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 01:32	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 01:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	110	%.	75-120	1		11/20/20 01:32	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	85-116	1		11/20/20 01:32	460-00-4	
Toluene-d8 (S)	93	%.	83-111	1		11/20/20 01:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-22 **Lab ID: 50273493010** Collected: 11/17/20 09:20 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 09:04	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 09:04	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 09:04	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 09:04	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 09:04	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 09:04	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 09:04	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 09:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 09:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 09:04	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 09:04	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 09:04	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 09:04	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 09:04	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 09:04	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 09:04	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 09:04	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 09:04	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 09:04	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 09:04	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 09:04	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 09:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 09:04	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 09:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 09:04	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 09:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 09:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 09:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 09:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 09:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 09:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 09:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 09:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 09:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 09:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 09:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 09:04	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 09:04	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 09:04	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 09:04	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 09:04	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 09:04	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 09:04	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-22 **Lab ID: 50273493010** Collected: 11/17/20 09:20 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 09:04	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 09:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 09:04	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 09:04	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 09:04	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 09:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 09:04	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 09:04	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 09:04	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 09:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 09:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 09:04	79-34-5	
Tetrachloroethene	**11.8**	ug/L	5.0	1		11/20/20 09:04	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 09:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 09:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 09:04	79-00-5	
Trichloroethene	**68.7**	ug/L	5.0	1		11/20/20 09:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 09:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 09:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 09:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 09:04	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 09:04	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 09:04	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 09:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	75-120	1		11/20/20 09:04	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-116	1		11/20/20 09:04	460-00-4	
Toluene-d8 (S)	94	%.	83-111	1		11/20/20 09:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-29D **Lab ID: 50273493011** Collected: 11/17/20 10:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 09:37	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 09:37	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 09:37	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 09:37	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 09:37	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 09:37	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 09:37	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 09:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 09:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 09:37	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 09:37	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 09:37	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 09:37	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 09:37	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 09:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 09:37	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 09:37	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 09:37	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 09:37	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 09:37	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 09:37	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 09:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 09:37	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 09:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 09:37	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 09:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 09:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 09:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 09:37	75-35-4	
cis-1,2-Dichloroethene	**90.0**	ug/L	5.0	1		11/20/20 09:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 09:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 09:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 09:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 09:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 09:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 09:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 09:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 09:37	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 09:37	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 09:37	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 09:37	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 09:37	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 09:37	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-29D **Lab ID: 50273493011** Collected: 11/17/20 10:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 09:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 09:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 09:37	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 09:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 09:37	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 09:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 09:37	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 09:37	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 09:37	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 09:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 09:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 09:37	79-34-5	
Tetrachloroethene	**7.4**	ug/L	5.0	1		11/20/20 09:37	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 09:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 09:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 09:37	79-00-5	
Trichloroethene	**75.9**	ug/L	5.0	1		11/20/20 09:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 09:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 09:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 09:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 09:37	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 09:37	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 09:37	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 09:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	75-120	1		11/20/20 09:37	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/20/20 09:37	460-00-4	
Toluene-d8 (S)	94	%.	83-111	1		11/20/20 09:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-42 **Lab ID: 50273493012** Collected: 11/17/20 11:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 10:11	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 10:11	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 10:11	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 10:11	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 10:11	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 10:11	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 10:11	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 10:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 10:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 10:11	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 10:11	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 10:11	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 10:11	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 10:11	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 10:11	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 10:11	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 10:11	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 10:11	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 10:11	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 10:11	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 10:11	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 10:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 10:11	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 10:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 10:11	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 10:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 10:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 10:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 10:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 10:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 10:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 10:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 10:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 10:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 10:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 10:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 10:11	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 10:11	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 10:11	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 10:11	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 10:11	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 10:11	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 10:11	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-42 **Lab ID: 50273493012** Collected: 11/17/20 11:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 10:11	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 10:11	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 10:11	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 10:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 10:11	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 10:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 10:11	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 10:11	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 10:11	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 10:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 10:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 10:11	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/20/20 10:11	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 10:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 10:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 10:11	79-00-5	
Trichloroethene	**258**	ug/L	5.0	1		11/20/20 10:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 10:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 10:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 10:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 10:11	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 10:11	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 10:11	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 10:11	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	75-120	1		11/20/20 10:11	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-116	1		11/20/20 10:11	460-00-4	
Toluene-d8 (S)	94	%.	83-111	1		11/20/20 10:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-42D **Lab ID: 50273493013** Collected: 11/17/20 12:20 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 10:44	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 10:44	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 10:44	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 10:44	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 10:44	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 10:44	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 10:44	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 10:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 10:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 10:44	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 10:44	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 10:44	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 10:44	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 10:44	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 10:44	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 10:44	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 10:44	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 10:44	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 10:44	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 10:44	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 10:44	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 10:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 10:44	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 10:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 10:44	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 10:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 10:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 10:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 10:44	75-35-4	
cis-1,2-Dichloroethene	**450**	ug/L	50.0	10		11/21/20 05:24	156-59-2	
trans-1,2-Dichloroethene	**37.0**	ug/L	5.0	1		11/20/20 10:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 10:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 10:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 10:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 10:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 10:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 10:44	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 10:44	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 10:44	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 10:44	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 10:44	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 10:44	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 10:44	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-42D **Lab ID: 50273493013** Collected: 11/17/20 12:20 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 10:44	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 10:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 10:44	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 10:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 10:44	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 10:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 10:44	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 10:44	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 10:44	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 10:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 10:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 10:44	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/20/20 10:44	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 10:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 10:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 10:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 10:44	79-00-5	
Trichloroethene	**46.4**	ug/L	5.0	1		11/20/20 10:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 10:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 10:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 10:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 10:44	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 10:44	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 10:44	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 10:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	75-120	1		11/20/20 10:44	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-116	1		11/20/20 10:44	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/20/20 10:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-41 **Lab ID: 50273493014** Collected: 11/17/20 13:20 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 11:18	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 11:18	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 11:18	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 11:18	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 11:18	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 11:18	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 11:18	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 11:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 11:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 11:18	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 11:18	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 11:18	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 11:18	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 11:18	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 11:18	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 11:18	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 11:18	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 11:18	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 11:18	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 11:18	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 11:18	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 11:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 11:18	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 11:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 11:18	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 11:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 11:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 11:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 11:18	75-35-4	
cis-1,2-Dichloroethene	**6.3**	ug/L	5.0	1		11/20/20 11:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 11:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 11:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 11:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 11:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 11:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 11:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 11:18	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 11:18	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 11:18	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 11:18	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 11:18	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 11:18	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 11:18	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-41 **Lab ID: 50273493014** Collected: 11/17/20 13:20 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 11:18	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 11:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 11:18	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 11:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 11:18	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 11:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 11:18	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 11:18	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 11:18	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 11:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 11:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 11:18	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/20/20 11:18	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 11:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 11:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 11:18	79-00-5	
Trichloroethene	**400**	ug/L	50.0	10		11/21/20 05:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 11:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 11:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 11:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 11:18	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 11:18	108-05-4	
Vinyl chloride	**3.3**	ug/L	2.0	1		11/20/20 11:18	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 11:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	75-120	1		11/20/20 11:18	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-116	1		11/20/20 11:18	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/20/20 11:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-41D **Lab ID: 50273493015** Collected: 11/17/20 14:10 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 04:20	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 04:20	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 04:20	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 04:20	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 04:20	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 04:20	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 04:20	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 04:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 04:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 04:20	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 04:20	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 04:20	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 04:20	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 04:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 04:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 04:20	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 04:20	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 04:20	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 04:20	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 04:20	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 04:20	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 04:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 04:20	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 04:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 04:20	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 04:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 04:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 04:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 04:20	75-35-4	
cis-1,2-Dichloroethene	**7.1**	ug/L	5.0	1		11/20/20 04:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 04:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 04:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 04:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 04:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 04:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 04:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 04:20	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 04:20	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 04:20	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 04:20	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 04:20	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 04:20	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 04:20	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-41D **Lab ID: 50273493015** Collected: 11/17/20 14:10 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 04:20	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 04:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 04:20	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 04:20	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 04:20	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 04:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 04:20	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 04:20	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 04:20	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 04:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 04:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 04:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/20/20 04:20	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 04:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 04:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 04:20	79-00-5	
Trichloroethene	**277**	ug/L	5.0	1		11/20/20 04:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 04:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 04:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 04:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 04:20	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 04:20	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 04:20	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 04:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	113	%.	75-120	1		11/20/20 04:20	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/20/20 04:20	460-00-4	
Toluene-d8 (S)	94	%.	83-111	1		11/20/20 04:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-13 **Lab ID: 50273493016** Collected: 11/17/20 15:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 04:54	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 04:54	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 04:54	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 04:54	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 04:54	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 04:54	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 04:54	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 04:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 04:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 04:54	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 04:54	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 04:54	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 04:54	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 04:54	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 04:54	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 04:54	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 04:54	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 04:54	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 04:54	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 04:54	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 04:54	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 04:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 04:54	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 04:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 04:54	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 04:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 04:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 04:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 04:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 04:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 04:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 04:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 04:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 04:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 04:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 04:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 04:54	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 04:54	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 04:54	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 04:54	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 04:54	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 04:54	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 04:54	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-13 **Lab ID: 50273493016** Collected: 11/17/20 15:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 04:54	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 04:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 04:54	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 04:54	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 04:54	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 04:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 04:54	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 04:54	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 04:54	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 04:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 04:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 04:54	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/20/20 04:54	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 04:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 04:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 04:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 04:54	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/20/20 04:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 04:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 04:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 04:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 04:54	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 04:54	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 04:54	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 04:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	109	%.	75-120	1		11/20/20 04:54	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/20/20 04:54	460-00-4	
Toluene-d8 (S)	94	%.	83-111	1		11/20/20 04:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-12 **Lab ID: 50273493017** Collected: 11/17/20 15:50 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 05:27	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 05:27	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 05:27	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 05:27	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 05:27	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 05:27	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 05:27	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 05:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 05:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 05:27	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 05:27	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 05:27	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 05:27	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 05:27	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 05:27	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 05:27	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 05:27	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 05:27	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 05:27	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 05:27	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 05:27	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 05:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 05:27	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 05:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 05:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 05:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 05:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 05:27	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 05:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 05:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 05:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 05:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 05:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 05:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 05:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 05:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 05:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 05:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 05:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 05:27	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 05:27	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 05:27	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 05:27	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 05:27	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 05:27	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 05:27	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-12 **Lab ID: 50273493017** Collected: 11/17/20 15:50 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 05:27	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 05:27	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 05:27	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 05:27	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 05:27	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 05:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 05:27	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 05:27	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 05:27	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 05:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 05:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 05:27	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/20/20 05:27	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 05:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 05:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 05:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 05:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 05:27	79-00-5	
Trichloroethene	**55.3**	ug/L	5.0	1		11/20/20 05:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 05:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 05:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 05:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 05:27	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 05:27	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 05:27	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 05:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	110	%.	75-120	1		11/20/20 05:27	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/20/20 05:27	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/20/20 05:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-12D **Lab ID: 50273493018** Collected: 11/17/20 16:40 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 06:01	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 06:01	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 06:01	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 06:01	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 06:01	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 06:01	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 06:01	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 06:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 06:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 06:01	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 06:01	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 06:01	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 06:01	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 06:01	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 06:01	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 06:01	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 06:01	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 06:01	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 06:01	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 06:01	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 06:01	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 06:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 06:01	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 06:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 06:01	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 06:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 06:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 06:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 06:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 06:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 06:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 06:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 06:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 06:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 06:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 06:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 06:01	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 06:01	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 06:01	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 06:01	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 06:01	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 06:01	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 06:01	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-12D **Lab ID: 50273493018** Collected: 11/17/20 16:40 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 06:01	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 06:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 06:01	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 06:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 06:01	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 06:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 06:01	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 06:01	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 06:01	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 06:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 06:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 06:01	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/20/20 06:01	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 06:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 06:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 06:01	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/20/20 06:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 06:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 06:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 06:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 06:01	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 06:01	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 06:01	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 06:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	110	%.	75-120	1		11/20/20 06:01	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/20/20 06:01	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/20/20 06:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-11 **Lab ID: 50273493019** Collected: 11/17/20 09:25 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 06:34	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 06:34	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 06:34	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 06:34	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 06:34	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 06:34	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 06:34	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 06:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 06:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 06:34	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 06:34	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 06:34	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 06:34	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 06:34	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 06:34	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 06:34	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 06:34	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 06:34	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 06:34	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 06:34	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 06:34	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 06:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 06:34	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 06:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 06:34	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 06:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 06:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 06:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 06:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 06:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 06:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 06:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 06:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 06:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 06:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 06:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 06:34	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 06:34	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 06:34	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 06:34	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 06:34	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 06:34	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 06:34	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-11 **Lab ID: 50273493019** Collected: 11/17/20 09:25 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 06:34	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 06:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 06:34	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 06:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 06:34	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 06:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 06:34	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 06:34	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 06:34	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 06:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 06:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 06:34	79-34-5	
Tetrachloroethene	**110**	ug/L	5.0	1		11/20/20 06:34	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 06:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 06:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 06:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 06:34	79-00-5	
Trichloroethene	**37.5**	ug/L	5.0	1		11/20/20 06:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 06:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 06:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 06:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 06:34	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 06:34	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 06:34	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 06:34	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	75-120	1		11/20/20 06:34	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-116	1		11/20/20 06:34	460-00-4	
Toluene-d8 (S)	93	%.	83-111	1		11/20/20 06:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-11D **Lab ID: 50273493020** Collected: 11/17/20 10:05 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 07:07	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 07:07	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 07:07	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 07:07	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 07:07	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 07:07	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 07:07	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 07:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 07:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 07:07	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 07:07	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 07:07	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 07:07	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 07:07	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 07:07	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 07:07	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 07:07	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 07:07	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 07:07	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 07:07	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 07:07	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 07:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 07:07	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 07:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 07:07	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 07:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 07:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 07:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 07:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 07:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 07:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 07:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 07:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 07:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 07:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 07:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 07:07	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 07:07	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 07:07	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 07:07	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 07:07	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 07:07	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 07:07	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-11D **Lab ID: 50273493020** Collected: 11/17/20 10:05 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 07:07	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 07:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 07:07	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 07:07	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 07:07	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 07:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 07:07	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 07:07	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 07:07	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 07:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 07:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 07:07	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/20/20 07:07	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 07:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 07:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 07:07	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/20/20 07:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 07:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 07:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 07:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 07:07	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 07:07	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 07:07	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 07:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	75-120	1		11/20/20 07:07	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/20/20 07:07	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/20/20 07:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-30 **Lab ID: 50273493021** Collected: 11/17/20 11:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 07:40	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 07:40	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 07:40	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 07:40	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 07:40	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 07:40	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 07:40	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 07:40	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 07:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 07:40	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 07:40	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 07:40	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 07:40	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 07:40	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 07:40	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 07:40	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 07:40	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 07:40	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 07:40	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 07:40	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 07:40	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 07:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 07:40	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 07:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 07:40	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 07:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 07:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 07:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 07:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 07:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 07:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 07:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 07:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 07:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 07:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 07:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 07:40	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 07:40	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 07:40	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 07:40	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 07:40	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 07:40	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 07:40	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-30 **Lab ID: 50273493021** Collected: 11/17/20 11:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 07:40	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 07:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 07:40	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 07:40	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 07:40	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 07:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 07:40	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 07:40	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 07:40	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 07:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 07:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 07:40	79-34-5	
Tetrachloroethene	**636**	ug/L	50.0	10		11/21/20 06:31	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 07:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 07:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 07:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 07:40	79-00-5	
Trichloroethene	**214**	ug/L	5.0	1		11/20/20 07:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 07:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 07:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 07:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 07:40	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 07:40	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 07:40	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 07:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	75-120	1		11/20/20 07:40	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/20/20 07:40	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/20/20 07:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-31 **Lab ID: 50273493022** Collected: 11/17/20 11:45 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 08:13	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 08:13	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 08:13	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 08:13	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 08:13	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 08:13	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 08:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 08:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 08:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 08:13	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 08:13	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 08:13	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 08:13	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 08:13	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 08:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 08:13	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 08:13	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 08:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 08:13	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 08:13	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 08:13	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 08:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 08:13	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 08:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 08:13	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 08:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 08:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 08:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 08:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 08:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 08:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 08:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 08:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 08:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 08:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 08:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 08:13	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 08:13	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 08:13	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 08:13	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 08:13	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 08:13	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 08:13	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-31 **Lab ID: 50273493022** Collected: 11/17/20 11:45 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 08:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 08:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 08:13	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 08:13	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 08:13	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 08:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 08:13	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 08:13	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 08:13	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 08:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 08:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 08:13	79-34-5	
Tetrachloroethene	**13.3**	ug/L	5.0	1		11/20/20 08:13	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 08:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 08:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 08:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/20/20 08:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 08:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 08:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 08:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 08:13	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 08:13	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 08:13	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 08:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	113	%.	75-120	1		11/20/20 08:13	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	85-116	1		11/20/20 08:13	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/20/20 08:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-26 **Lab ID: 50273493023** Collected: 11/17/20 12:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 08:47	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 08:47	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 08:47	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 08:47	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 08:47	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 08:47	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 08:47	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 08:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 08:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 08:47	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 08:47	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 08:47	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 08:47	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 08:47	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 08:47	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 08:47	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 08:47	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 08:47	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 08:47	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 08:47	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 08:47	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 08:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 08:47	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 08:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 08:47	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 08:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 08:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 08:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 08:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 08:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 08:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 08:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 08:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 08:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 08:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 08:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 08:47	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 08:47	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 08:47	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 08:47	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 08:47	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 08:47	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 08:47	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-26 **Lab ID: 50273493023** Collected: 11/17/20 12:30 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 08:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 08:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 08:47	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 08:47	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 08:47	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 08:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 08:47	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 08:47	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 08:47	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 08:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 08:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 08:47	79-34-5	
Tetrachloroethene	**27.9**	ug/L	5.0	1		11/20/20 08:47	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 08:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 08:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 08:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 08:47	79-00-5	
Trichloroethene	**47.6**	ug/L	5.0	1		11/20/20 08:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 08:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 08:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 08:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 08:47	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 08:47	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 08:47	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 08:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	75-120	1		11/20/20 08:47	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/20/20 08:47	460-00-4	
Toluene-d8 (S)	94	%.	83-111	1		11/20/20 08:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-33D **Lab ID: 50273493024** Collected: 11/17/20 13:15 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 09:21	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 09:21	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 09:21	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 09:21	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 09:21	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 09:21	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 09:21	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 09:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 09:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 09:21	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 09:21	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 09:21	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 09:21	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 09:21	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 09:21	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 09:21	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 09:21	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 09:21	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 09:21	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 09:21	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 09:21	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 09:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 09:21	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 09:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 09:21	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 09:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 09:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 09:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 09:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 09:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 09:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 09:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 09:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 09:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 09:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 09:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 09:21	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 09:21	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 09:21	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 09:21	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 09:21	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 09:21	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 09:21	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-33D **Lab ID: 50273493024** Collected: 11/17/20 13:15 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 09:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 09:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 09:21	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 09:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 09:21	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 09:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 09:21	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 09:21	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 09:21	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 09:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 09:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 09:21	79-34-5	
Tetrachloroethene	**24.6**	ug/L	5.0	1		11/20/20 09:21	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 09:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 09:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 09:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 09:21	79-00-5	
Trichloroethene	**68.6**	ug/L	5.0	1		11/20/20 09:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 09:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 09:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 09:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 09:21	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 09:21	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 09:21	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 09:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	75-120	1		11/20/20 09:21	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/20/20 09:21	460-00-4	
Toluene-d8 (S)	94	%.	83-111	1		11/20/20 09:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-33 **Lab ID: 50273493025** Collected: 11/17/20 14:25 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 11:35	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 11:35	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 11:35	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 11:35	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 11:35	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 11:35	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 11:35	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 11:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 11:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 11:35	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 11:35	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 11:35	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 11:35	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 11:35	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 11:35	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 11:35	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 11:35	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 11:35	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 11:35	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 11:35	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 11:35	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 11:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 11:35	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 11:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 11:35	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 11:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 11:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 11:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 11:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 11:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 11:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 11:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 11:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 11:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 11:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 11:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 11:35	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 11:35	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 11:35	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 11:35	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 11:35	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 11:35	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 11:35	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-33 **Lab ID: 50273493025** Collected: 11/17/20 14:25 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 11:35	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 11:35	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 11:35	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 11:35	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 11:35	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 11:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 11:35	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 11:35	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 11:35	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 11:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 11:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 11:35	79-34-5	
Tetrachloroethene	**28.4**	ug/L	5.0	1		11/20/20 11:35	127-18-4	
Toluene	ND	ug/L	5.0	1		11/20/20 11:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 11:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 11:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 11:35	79-00-5	
Trichloroethene	**56.6**	ug/L	5.0	1		11/20/20 11:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 11:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 11:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 11:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 11:35	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 11:35	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 11:35	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 11:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	110	%.	75-120	1		11/20/20 11:35	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	85-116	1		11/20/20 11:35	460-00-4	
Toluene-d8 (S)	93	%.	83-111	1		11/20/20 11:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-38 **Lab ID: 50273493026** Collected: 11/17/20 15:10 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/20/20 12:08	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/20/20 12:08	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/20/20 12:08	107-13-1	
Benzene	ND	ug/L	5.0	1		11/20/20 12:08	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/20/20 12:08	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/20/20 12:08	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/20/20 12:08	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/20/20 12:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/20/20 12:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/20/20 12:08	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/20/20 12:08	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/20/20 12:08	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/20/20 12:08	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/20/20 12:08	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/20/20 12:08	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/20/20 12:08	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/20/20 12:08	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/20/20 12:08	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/20/20 12:08	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 12:08	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/20/20 12:08	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/20/20 12:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/20/20 12:08	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/20/20 12:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 12:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 12:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/20/20 12:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/20/20 12:08	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/20/20 12:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/20/20 12:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/20/20 12:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/20/20 12:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 12:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/20/20 12:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 12:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/20/20 12:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/20/20 12:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/20/20 12:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 12:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/20/20 12:08	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/20/20 12:08	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/20/20 12:08	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/20/20 12:08	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/20/20 12:08	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/20/20 12:08	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/20/20 12:08	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-38 **Lab ID: 50273493026** Collected: 11/17/20 15:10 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/20/20 12:08	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/20/20 12:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/20/20 12:08	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 12:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/20/20 12:08	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/20/20 12:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/20/20 12:08	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/20/20 12:08	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/20/20 12:08	103-65-1	
Styrene	ND	ug/L	5.0	1		11/20/20 12:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 12:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/20/20 12:08	79-34-5	
Tetrachloroethene	**47.6**	ug/L	5.0	1		11/20/20 12:08	127-18-4	M1
Toluene	ND	ug/L	5.0	1		11/20/20 12:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 12:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/20/20 12:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/20/20 12:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/20/20 12:08	79-00-5	
Trichloroethene	**35.1**	ug/L	5.0	1		11/20/20 12:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/20/20 12:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/20/20 12:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 12:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/20/20 12:08	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/20/20 12:08	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/20/20 12:08	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/20/20 12:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	75-120	1		11/20/20 12:08	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-116	1		11/20/20 12:08	460-00-4	
Toluene-d8 (S)	94	%.	83-111	1		11/20/20 12:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-38D **Lab ID: 50273493027** Collected: 11/17/20 16:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/21/20 08:44	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/21/20 08:44	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/21/20 08:44	107-13-1	
Benzene	ND	ug/L	5.0	1		11/21/20 08:44	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/21/20 08:44	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/21/20 08:44	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/21/20 08:44	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/21/20 08:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/21/20 08:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/21/20 08:44	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/21/20 08:44	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/21/20 08:44	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/21/20 08:44	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/21/20 08:44	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/21/20 08:44	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/21/20 08:44	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/21/20 08:44	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/21/20 08:44	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/21/20 08:44	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/21/20 08:44	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/21/20 08:44	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/21/20 08:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/21/20 08:44	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/21/20 08:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/21/20 08:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/21/20 08:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/21/20 08:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/21/20 08:44	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/21/20 08:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/21/20 08:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/21/20 08:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/21/20 08:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/21/20 08:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/21/20 08:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/21/20 08:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/21/20 08:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/21/20 08:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/21/20 08:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/21/20 08:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/21/20 08:44	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/21/20 08:44	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/21/20 08:44	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/21/20 08:44	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/21/20 08:44	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/21/20 08:44	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/21/20 08:44	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: MW-38D **Lab ID: 50273493027** Collected: 11/17/20 16:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/21/20 08:44	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/21/20 08:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/21/20 08:44	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/21/20 08:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/21/20 08:44	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/21/20 08:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/21/20 08:44	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/21/20 08:44	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/21/20 08:44	103-65-1	
Styrene	ND	ug/L	5.0	1		11/21/20 08:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/21/20 08:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/21/20 08:44	79-34-5	
Tetrachloroethene	**18.5**	ug/L	5.0	1		11/21/20 08:44	127-18-4	
Toluene	ND	ug/L	5.0	1		11/21/20 08:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/21/20 08:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/21/20 08:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/21/20 08:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/21/20 08:44	79-00-5	
Trichloroethene	**105**	ug/L	5.0	1		11/21/20 08:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/21/20 08:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/21/20 08:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/21/20 08:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/21/20 08:44	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/21/20 08:44	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/21/20 08:44	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/21/20 08:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	75-120	1		11/21/20 08:44	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-116	1		11/21/20 08:44	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/21/20 08:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: DUP-2 **Lab ID: 50273493028** Collected: 11/17/20 08:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/21/20 09:18	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/21/20 09:18	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/21/20 09:18	107-13-1	
Benzene	ND	ug/L	5.0	1		11/21/20 09:18	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/21/20 09:18	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/21/20 09:18	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/21/20 09:18	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/21/20 09:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/21/20 09:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/21/20 09:18	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/21/20 09:18	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/21/20 09:18	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/21/20 09:18	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/21/20 09:18	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/21/20 09:18	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/21/20 09:18	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/21/20 09:18	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/21/20 09:18	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/21/20 09:18	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/21/20 09:18	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/21/20 09:18	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/21/20 09:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/21/20 09:18	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/21/20 09:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/21/20 09:18	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/21/20 09:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/21/20 09:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/21/20 09:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/21/20 09:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/21/20 09:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/21/20 09:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/21/20 09:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/21/20 09:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/21/20 09:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/21/20 09:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/21/20 09:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/21/20 09:18	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/21/20 09:18	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/21/20 09:18	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/21/20 09:18	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/21/20 09:18	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/21/20 09:18	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/21/20 09:18	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: DUP-2 **Lab ID: 50273493028** Collected: 11/17/20 08:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/21/20 09:18	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/21/20 09:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/21/20 09:18	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/21/20 09:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/21/20 09:18	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/21/20 09:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/21/20 09:18	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/21/20 09:18	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/21/20 09:18	103-65-1	
Styrene	ND	ug/L	5.0	1		11/21/20 09:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/21/20 09:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/21/20 09:18	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/21/20 09:18	127-18-4	
Toluene	ND	ug/L	5.0	1		11/21/20 09:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/21/20 09:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/21/20 09:18	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/21/20 09:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/21/20 09:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/21/20 09:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/21/20 09:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/21/20 09:18	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/21/20 09:18	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/21/20 09:18	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/21/20 09:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	75-120	1		11/21/20 09:18	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	85-116	1		11/21/20 09:18	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/21/20 09:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: TRIP BLANK **Lab ID: 50273493029** Collected: 11/16/20 08:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/21/20 09:51	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/21/20 09:51	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/21/20 09:51	107-13-1	
Benzene	ND	ug/L	5.0	1		11/21/20 09:51	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/21/20 09:51	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/21/20 09:51	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/21/20 09:51	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/21/20 09:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/21/20 09:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/21/20 09:51	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/21/20 09:51	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/21/20 09:51	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/21/20 09:51	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/21/20 09:51	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/21/20 09:51	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/21/20 09:51	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/21/20 09:51	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/21/20 09:51	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/21/20 09:51	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/21/20 09:51	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/21/20 09:51	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/21/20 09:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/21/20 09:51	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/21/20 09:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/21/20 09:51	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/21/20 09:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/21/20 09:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/21/20 09:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/21/20 09:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/21/20 09:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/21/20 09:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/21/20 09:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/21/20 09:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/21/20 09:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/21/20 09:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/21/20 09:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/21/20 09:51	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/21/20 09:51	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/21/20 09:51	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/21/20 09:51	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/21/20 09:51	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/21/20 09:51	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/21/20 09:51	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Sample: TRIP BLANK **Lab ID: 50273493029** Collected: 11/16/20 08:00 Received: 11/17/20 17:47 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/21/20 09:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/21/20 09:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/21/20 09:51	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/21/20 09:51	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/21/20 09:51	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/21/20 09:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/21/20 09:51	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/21/20 09:51	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/21/20 09:51	103-65-1	
Styrene	ND	ug/L	5.0	1		11/21/20 09:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/21/20 09:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/21/20 09:51	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/21/20 09:51	127-18-4	
Toluene	ND	ug/L	5.0	1		11/21/20 09:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/21/20 09:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/21/20 09:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/21/20 09:51	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/21/20 09:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/21/20 09:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/21/20 09:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/21/20 09:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/21/20 09:51	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/21/20 09:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/21/20 09:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/21/20 09:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	75-120	1		11/21/20 09:51	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	85-116	1		11/21/20 09:51	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/21/20 09:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

QC Batch: 594263
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50273493001, 50273493002, 50273493003, 50273493004, 50273493005, 50273493006, 50273493007, 50273493008, 50273493009

METHOD BLANK: 2741720
Matrix: Water
Associated Lab Samples: 50273493001, 50273493002, 50273493003, 50273493004, 50273493005, 50273493006, 50273493007, 50273493008, 50273493009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/19/20 15:30	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/19/20 15:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/19/20 15:30	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/19/20 15:30	
1,1-Dichloroethane	ug/L	ND	5.0	11/19/20 15:30	
1,1-Dichloroethene	ug/L	ND	5.0	11/19/20 15:30	
1,1-Dichloropropene	ug/L	ND	5.0	11/19/20 15:30	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/19/20 15:30	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/19/20 15:30	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/19/20 15:30	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/19/20 15:30	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/19/20 15:30	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/19/20 15:30	
1,2-Dichloroethane	ug/L	ND	5.0	11/19/20 15:30	
1,2-Dichloropropane	ug/L	ND	5.0	11/19/20 15:30	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/19/20 15:30	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/19/20 15:30	
1,3-Dichloropropane	ug/L	ND	5.0	11/19/20 15:30	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/19/20 15:30	
1-Methylnaphthalene	ug/L	ND	10.0	11/19/20 15:30	
2,2-Dichloropropane	ug/L	ND	5.0	11/19/20 15:30	
2-Butanone (MEK)	ug/L	ND	25.0	11/19/20 15:30	
2-Chlorotoluene	ug/L	ND	5.0	11/19/20 15:30	
2-Hexanone	ug/L	ND	25.0	11/19/20 15:30	
2-Methylnaphthalene	ug/L	ND	10.0	11/19/20 15:30	
4-Chlorotoluene	ug/L	ND	5.0	11/19/20 15:30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/19/20 15:30	
Acetone	ug/L	ND	100	11/19/20 15:30	
Acrolein	ug/L	ND	50.0	11/19/20 15:30	
Acrylonitrile	ug/L	ND	100	11/19/20 15:30	
Benzene	ug/L	ND	5.0	11/19/20 15:30	
Bromobenzene	ug/L	ND	5.0	11/19/20 15:30	
Bromochloromethane	ug/L	ND	5.0	11/19/20 15:30	
Bromodichloromethane	ug/L	ND	5.0	11/19/20 15:30	
Bromoform	ug/L	ND	5.0	11/19/20 15:30	
Bromomethane	ug/L	ND	5.0	11/19/20 15:30	
Carbon disulfide	ug/L	ND	10.0	11/19/20 15:30	
Carbon tetrachloride	ug/L	ND	5.0	11/19/20 15:30	
Chlorobenzene	ug/L	ND	5.0	11/19/20 15:30	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

METHOD BLANK: 2741720 Matrix: Water

Associated Lab Samples: 50273493001, 50273493002, 50273493003, 50273493004, 50273493005, 50273493006, 50273493007, 50273493008, 50273493009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	ug/L	ND	5.0	11/19/20 15:30	
Chloroform	ug/L	ND	5.0	11/19/20 15:30	
Chloromethane	ug/L	ND	5.0	11/19/20 15:30	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/19/20 15:30	
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/19/20 15:30	
Dibromochloromethane	ug/L	ND	5.0	11/19/20 15:30	
Dibromomethane	ug/L	ND	5.0	11/19/20 15:30	
Dichlorodifluoromethane	ug/L	ND	5.0	11/19/20 15:30	
Ethyl methacrylate	ug/L	ND	100	11/19/20 15:30	
Ethylbenzene	ug/L	ND	5.0	11/19/20 15:30	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/19/20 15:30	
Iodomethane	ug/L	ND	10.0	11/19/20 15:30	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/19/20 15:30	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/19/20 15:30	
Methylene Chloride	ug/L	ND	5.0	11/19/20 15:30	
n-Butylbenzene	ug/L	ND	5.0	11/19/20 15:30	
n-Hexane	ug/L	ND	5.0	11/19/20 15:30	
n-Propylbenzene	ug/L	ND	5.0	11/19/20 15:30	
Naphthalene	ug/L	ND	1.7	11/19/20 15:30	
p-Isopropyltoluene	ug/L	ND	5.0	11/19/20 15:30	
sec-Butylbenzene	ug/L	ND	5.0	11/19/20 15:30	
Styrene	ug/L	ND	5.0	11/19/20 15:30	
tert-Butylbenzene	ug/L	ND	5.0	11/19/20 15:30	
Tetrachloroethene	ug/L	ND	5.0	11/19/20 15:30	
Toluene	ug/L	ND	5.0	11/19/20 15:30	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/19/20 15:30	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/19/20 15:30	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/19/20 15:30	
Trichloroethene	ug/L	ND	5.0	11/19/20 15:30	
Trichlorofluoromethane	ug/L	ND	5.0	11/19/20 15:30	
Vinyl acetate	ug/L	ND	50.0	11/19/20 15:30	
Vinyl chloride	ug/L	ND	2.0	11/19/20 15:30	
Xylene (Total)	ug/L	ND	10.0	11/19/20 15:30	
4-Bromofluorobenzene (S)	%.	92	85-116	11/19/20 15:30	
Dibromofluoromethane (S)	%.	112	75-120	11/19/20 15:30	
Toluene-d8 (S)	%.	97	83-111	11/19/20 15:30	

LABORATORY CONTROL SAMPLE: 2741721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.5	91	78-120	
1,1,1-Trichloroethane	ug/L	50	42.8	86	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	42.0	84	64-126	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

LABORATORY CONTROL SAMPLE: 2741721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	50	44.5	89	73-125	
1,1-Dichloroethane	ug/L	50	42.2	84	77-123	
1,1-Dichloroethene	ug/L	50	46.1	92	79-128	
1,1-Dichloropropene	ug/L	50	42.4	85	78-120	
1,2,3-Trichlorobenzene	ug/L	50	42.0	84	75-126	
1,2,3-Trichloropropane	ug/L	50	43.4	87	71-131	
1,2,4-Trichlorobenzene	ug/L	50	44.0	88	76-130	
1,2,4-Trimethylbenzene	ug/L	50	39.5	79	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	47.1	94	76-122	
1,2-Dichlorobenzene	ug/L	50	40.7	81	79-113	
1,2-Dichloroethane	ug/L	50	39.2	78	66-127	
1,2-Dichloropropane	ug/L	50	42.7	85	75-127	
1,3,5-Trimethylbenzene	ug/L	50	40.4	81	78-116	
1,3-Dichlorobenzene	ug/L	50	41.6	83	79-120	
1,3-Dichloropropane	ug/L	50	43.3	87	81-121	
1,4-Dichlorobenzene	ug/L	50	41.0	82	77-117	
1-Methylnaphthalene	ug/L	50	35.1	70	65-142	
2,2-Dichloropropane	ug/L	50	40.1	80	56-134	
2-Butanone (MEK)	ug/L	250	226	90	61-138	
2-Chlorotoluene	ug/L	50	38.9	78	73-125	
2-Hexanone	ug/L	250	181	72	58-138	
2-Methylnaphthalene	ug/L	50	38.3	77	60-136	
4-Chlorotoluene	ug/L	50	43.4	87	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	196	79	60-131	
Acetone	ug/L	250	204	82	57-126	
Acrolein	ug/L	250	193	77	56-120	
Acrylonitrile	ug/L	250	207	83	65-127	
Benzene	ug/L	50	42.7	85	75-118	
Bromobenzene	ug/L	50	42.3	85	68-127	
Bromochloromethane	ug/L	50	39.1	78	66-126	
Bromodichloromethane	ug/L	50	42.6	85	75-120	
Bromoform	ug/L	50	46.4	93	61-119	
Bromomethane	ug/L	50	47.0	94	12-184	
Carbon disulfide	ug/L	50	42.9	86	71-123	
Carbon tetrachloride	ug/L	50	44.1	88	73-125	
Chlorobenzene	ug/L	50	41.4	83	80-115	
Chloroethane	ug/L	50	47.9	96	46-133	
Chloroform	ug/L	50	38.8	78	75-117	
Chloromethane	ug/L	50	37.7	75	33-124	
cis-1,2-Dichloroethene	ug/L	50	43.0	86	76-120	
cis-1,3-Dichloropropene	ug/L	50	43.9	88	73-130	
Dibromochloromethane	ug/L	50	45.6	91	69-124	
Dibromomethane	ug/L	50	41.9	84	76-124	
Dichlorodifluoromethane	ug/L	50	38.1	76	36-145	
Ethyl methacrylate	ug/L	50	37.8J	76	67-140	
Ethylbenzene	ug/L	50	42.0	84	78-120	
Hexachloro-1,3-butadiene	ug/L	50	47.7	95	79-137	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

LABORATORY CONTROL SAMPLE: 2741721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	50	48.9	98	10-184	
Isopropylbenzene (Cumene)	ug/L	50	40.3	81	82-122	L2
Methyl-tert-butyl ether	ug/L	50	47.2	94	79-125	
Methylene Chloride	ug/L	50	52.9	106	68-126	
n-Butylbenzene	ug/L	50	39.9	80	73-123	
n-Hexane	ug/L	50	44.8	90	71-143	
n-Propylbenzene	ug/L	50	39.6	79	75-119	
Naphthalene	ug/L	50	37.7	75	70-130	
p-Isopropyltoluene	ug/L	50	41.3	83	82-119	
sec-Butylbenzene	ug/L	50	40.2	80	79-119	
Styrene	ug/L	50	38.6	77	80-121	L2
tert-Butylbenzene	ug/L	50	40.1	80	58-106	
Tetrachloroethene	ug/L	50	43.3	87	70-123	
Toluene	ug/L	50	40.2	80	72-114	
trans-1,2-Dichloroethene	ug/L	50	45.4	91	79-126	
trans-1,3-Dichloropropene	ug/L	50	44.2	88	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	40.7J	81	34-130	
Trichloroethene	ug/L	50	42.9	86	78-120	
Trichlorofluoromethane	ug/L	50	41.5	83	57-156	
Vinyl acetate	ug/L	200	138	69	50-116	
Vinyl chloride	ug/L	50	40.3	81	55-122	
Xylene (Total)	ug/L	150	120	80	81-118	
4-Bromofluorobenzene (S)	%.			96	85-116	
Dibromofluoromethane (S)	%.			97	75-120	
Toluene-d8 (S)	%.			99	83-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741722 2741723

Parameter	Units	50273493001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	54.5	55.7	109	111	51-135	2	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	51.7	53.3	103	107	56-144	3	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	50.8	50.7	102	101	47-137	0	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	55.7	55.3	111	111	55-136	1	20	
1,1-Dichloroethane	ug/L	ND	50	50	50.8	51.3	102	103	53-140	1	20	
1,1-Dichloroethene	ug/L	ND	50	50	56.3	57.3	113	115	60-140	2	20	
1,1-Dichloropropene	ug/L	ND	50	50	50.7	51.0	101	102	54-136	1	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	44.7	47.6	89	95	35-140	6	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	53.0	53.3	106	107	54-142	1	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	45.0	47.0	90	94	31-143	4	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	41.4	44.5	83	89	13-152	7	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	56.8	55.6	114	111	56-136	2	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	44.3	46.6	89	93	38-133	5	20	
1,2-Dichloroethane	ug/L	ND	50	50	48.8	48.7	98	97	46-145	0	20	
1,2-Dichloropropane	ug/L	ND	50	50	52.0	52.8	104	106	55-141	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741722 2741723

Parameter	Units	50273493001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3,5-Trimethylbenzene	ug/L	ND	50	50	41.9	45.7	84	91	23-145	9	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	44.2	47.3	88	95	31-144	7	20	
1,3-Dichloropropane	ug/L	ND	50	50	52.6	52.0	105	104	60-139	1	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	42.6	45.6	85	91	31-138	7	20	
1-Methylnaphthalene	ug/L	ND	50	50	40.5	41.6	81	83	40-150	3	20	
2,2-Dichloropropane	ug/L	ND	50	50	48.3	48.1	97	96	34-137	1	20	
2-Butanone (MEK)	ug/L	ND	250	250	271	267	108	107	42-150	2	20	
2-Chlorotoluene	ug/L	ND	50	50	41.6	44.3	83	89	28-148	6	20	
2-Hexanone	ug/L	ND	250	250	221	219	88	88	43-146	1	20	
2-Methylnaphthalene	ug/L	ND	50	50	43.5	44.5	87	89	32-142	2	20	
4-Chlorotoluene	ug/L	ND	50	50	45.2	48.3	90	97	25-145	7	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	240	242	96	97	42-142	1	20	
Acetone	ug/L	ND	250	250	238	237	95	95	36-142	0	20	
Acrolein	ug/L	ND	250	250	240	232	96	93	28-122	4	20	
Acrylonitrile	ug/L	ND	250	250	266	260	107	104	48-137	2	20	
Benzene	ug/L	ND	50	50	51.3	52.3	103	105	49-135	2	20	
Bromobenzene	ug/L	ND	50	50	41.8	43.3	84	87	37-144	3	20	
Bromochloromethane	ug/L	ND	50	50	49.3	48.8	99	98	47-140	1	20	
Bromodichloromethane	ug/L	ND	50	50	51.4	51.6	103	103	55-133	0	20	
Bromoform	ug/L	ND	50	50	58.1	57.7	116	115	45-125	1	20	
Bromomethane	ug/L	ND	50	50	60.3	62.0	121	124	10-191	3	20	
Carbon disulfide	ug/L	ND	50	50	51.3	51.8	103	104	49-136	1	20	
Carbon tetrachloride	ug/L	ND	50	50	53.0	54.2	106	108	55-134	2	20	
Chlorobenzene	ug/L	ND	50	50	47.1	48.4	94	97	42-135	3	20	
Chloroethane	ug/L	ND	50	50	59.4	59.4	119	119	25-154	0	20	
Chloroform	ug/L	ND	50	50	47.2	47.7	94	95	57-130	1	20	
Chloromethane	ug/L	ND	50	50	46.6	45.9	93	92	17-129	2	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	53.2	52.5	106	105	53-134	1	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	53.7	52.8	107	106	50-136	2	20	
Dibromochloromethane	ug/L	ND	50	50	55.9	56.3	112	113	53-133	1	20	
Dibromomethane	ug/L	ND	50	50	52.2	51.2	104	102	57-139	2	20	
Dichlorodifluoromethane	ug/L	ND	50	50	47.8	47.2	96	94	21-154	1	20	
Ethyl methacrylate	ug/L	ND	50	50	46.3J	45.8J	93	92	56-148		20	
Ethylbenzene	ug/L	ND	50	50	48.6	50.0	97	100	28-147	3	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	44.4	49.7	89	99	10-168	11	20	
Iodomethane	ug/L	ND	50	50	57.6	59.7	115	119	10-186	4	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	45.3	48.1	91	96	27-151	6	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	57.4	57.7	115	115	60-142	1	20	
Methylene Chloride	ug/L	ND	50	50	56.8	57.0	114	114	46-138	0	20	
n-Butylbenzene	ug/L	ND	50	50	38.6	42.9	77	86	10-153	10	20	
n-Hexane	ug/L	ND	50	50	54.5	56.3	109	113	46-155	3	20	
n-Propylbenzene	ug/L	ND	50	50	41.4	44.4	83	89	20-149	7	20	
Naphthalene	ug/L	ND	50	50	43.6	44.9	87	90	41-139	3	20	
p-Isopropyltoluene	ug/L	ND	50	50	41.7	45.8	83	92	15-155	9	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741722 2741723

Parameter	Units	50273493001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
sec-Butylbenzene	ug/L	ND	50	50	41.7	45.6	83	91	17-153	9	20	
Styrene	ug/L	ND	50	50	43.7	45.6	87	91	42-139	4	20	
tert-Butylbenzene	ug/L	ND	50	50	43.1	46.5	86	93	18-123	8	20	
Tetrachloroethene	ug/L	ND	50	50	49.2	50.2	98	100	32-140	2	20	
Toluene	ug/L	ND	50	50	46.6	48.0	93	96	42-131	3	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	54.5	54.9	109	110	57-138	1	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	52.6	51.6	105	103	47-128	2	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	49.4J	48.7J	99	97	10-135		20	
Trichloroethene	ug/L	ND	50	50	50.1	51.8	100	104	47-137	3	20	
Trichlorofluoromethane	ug/L	ND	50	50	50.4	51.4	101	103	42-163	2	20	
Vinyl acetate	ug/L	ND	200	200	162	159	81	79	10-114	2	20	
Vinyl chloride	ug/L	ND	50	50	49.9	50.0	100	100	36-136	0	20	
Xylene (Total)	ug/L	ND	150	150	135	141	90	94	30-145	4	20	
4-Bromofluorobenzene (S)	%.						97	97	85-116			
Dibromofluoromethane (S)	%.						97	98	75-120			
Toluene-d8 (S)	%.						99	97	83-111			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

QC Batch: 594266
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50273493010, 50273493011, 50273493012, 50273493013, 50273493014

METHOD BLANK: 2741767 Matrix: Water
Associated Lab Samples: 50273493010, 50273493011, 50273493012, 50273493013, 50273493014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/20/20 03:30	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/20/20 03:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/20/20 03:30	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/20/20 03:30	
1,1-Dichloroethane	ug/L	ND	5.0	11/20/20 03:30	
1,1-Dichloroethene	ug/L	ND	5.0	11/20/20 03:30	
1,1-Dichloropropene	ug/L	ND	5.0	11/20/20 03:30	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/20/20 03:30	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/20/20 03:30	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/20/20 03:30	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/20/20 03:30	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/20/20 03:30	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/20/20 03:30	
1,2-Dichloroethane	ug/L	ND	5.0	11/20/20 03:30	
1,2-Dichloropropane	ug/L	ND	5.0	11/20/20 03:30	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/20/20 03:30	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/20/20 03:30	
1,3-Dichloropropane	ug/L	ND	5.0	11/20/20 03:30	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/20/20 03:30	
1-Methylnaphthalene	ug/L	ND	10.0	11/20/20 03:30	
2,2-Dichloropropane	ug/L	ND	5.0	11/20/20 03:30	
2-Butanone (MEK)	ug/L	ND	25.0	11/20/20 03:30	
2-Chlorotoluene	ug/L	ND	5.0	11/20/20 03:30	
2-Hexanone	ug/L	ND	25.0	11/20/20 03:30	
2-Methylnaphthalene	ug/L	ND	10.0	11/20/20 03:30	
4-Chlorotoluene	ug/L	ND	5.0	11/20/20 03:30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/20/20 03:30	
Acetone	ug/L	ND	100	11/20/20 03:30	
Acrolein	ug/L	ND	50.0	11/20/20 03:30	
Acrylonitrile	ug/L	ND	100	11/20/20 03:30	
Benzene	ug/L	ND	5.0	11/20/20 03:30	
Bromobenzene	ug/L	ND	5.0	11/20/20 03:30	
Bromochloromethane	ug/L	ND	5.0	11/20/20 03:30	
Bromodichloromethane	ug/L	ND	5.0	11/20/20 03:30	
Bromoform	ug/L	ND	5.0	11/20/20 03:30	
Bromomethane	ug/L	ND	5.0	11/20/20 03:30	
Carbon disulfide	ug/L	ND	10.0	11/20/20 03:30	
Carbon tetrachloride	ug/L	ND	5.0	11/20/20 03:30	
Chlorobenzene	ug/L	ND	5.0	11/20/20 03:30	
Chloroethane	ug/L	ND	5.0	11/20/20 03:30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

METHOD BLANK: 2741767 Matrix: Water
Associated Lab Samples: 50273493010, 50273493011, 50273493012, 50273493013, 50273493014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	11/20/20 03:30	
Chloromethane	ug/L	ND	5.0	11/20/20 03:30	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/20/20 03:30	
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/20/20 03:30	
Dibromochloromethane	ug/L	ND	5.0	11/20/20 03:30	
Dibromomethane	ug/L	ND	5.0	11/20/20 03:30	
Dichlorodifluoromethane	ug/L	ND	5.0	11/20/20 03:30	
Ethyl methacrylate	ug/L	ND	100	11/20/20 03:30	
Ethylbenzene	ug/L	ND	5.0	11/20/20 03:30	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/20/20 03:30	
Iodomethane	ug/L	ND	10.0	11/20/20 03:30	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/20/20 03:30	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/20/20 03:30	
Methylene Chloride	ug/L	11.6	5.0	11/20/20 03:30	
n-Butylbenzene	ug/L	ND	5.0	11/20/20 03:30	
n-Hexane	ug/L	ND	5.0	11/20/20 03:30	
n-Propylbenzene	ug/L	ND	5.0	11/20/20 03:30	
Naphthalene	ug/L	ND	1.7	11/20/20 03:30	
p-Isopropyltoluene	ug/L	ND	5.0	11/20/20 03:30	
sec-Butylbenzene	ug/L	ND	5.0	11/20/20 03:30	
Styrene	ug/L	ND	5.0	11/20/20 03:30	
tert-Butylbenzene	ug/L	ND	5.0	11/20/20 03:30	
Tetrachloroethene	ug/L	ND	5.0	11/20/20 03:30	
Toluene	ug/L	ND	5.0	11/20/20 03:30	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/20/20 03:30	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/20/20 03:30	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/20/20 03:30	
Trichloroethene	ug/L	ND	5.0	11/20/20 03:30	
Trichlorofluoromethane	ug/L	ND	5.0	11/20/20 03:30	
Vinyl acetate	ug/L	ND	50.0	11/20/20 03:30	
Vinyl chloride	ug/L	ND	2.0	11/20/20 03:30	
Xylene (Total)	ug/L	ND	10.0	11/20/20 03:30	
4-Bromofluorobenzene (S)	%.	96	85-116	11/20/20 03:30	
Dibromofluoromethane (S)	%.	106	75-120	11/20/20 03:30	
Toluene-d8 (S)	%.	94	83-111	11/20/20 03:30	

LABORATORY CONTROL SAMPLE: 2741768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.3	103	78-120	
1,1,1-Trichloroethane	ug/L	50	46.7	93	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.2	94	64-126	
1,1,2-Trichloroethane	ug/L	50	49.5	99	73-125	
1,1-Dichloroethane	ug/L	50	48.8	98	77-123	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

LABORATORY CONTROL SAMPLE: 2741768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	54.2	108	79-128	
1,1-Dichloropropene	ug/L	50	46.7	93	78-120	
1,2,3-Trichlorobenzene	ug/L	50	39.8	80	75-126	
1,2,3-Trichloropropane	ug/L	50	47.2	94	71-131	
1,2,4-Trichlorobenzene	ug/L	50	38.7	77	76-130	
1,2,4-Trimethylbenzene	ug/L	50	41.1	82	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	49.0	98	76-122	
1,2-Dichlorobenzene	ug/L	50	43.4	87	79-113	
1,2-Dichloroethane	ug/L	50	43.6	87	66-127	
1,2-Dichloropropane	ug/L	50	46.0	92	75-127	
1,3,5-Trimethylbenzene	ug/L	50	42.6	85	78-116	
1,3-Dichlorobenzene	ug/L	50	42.3	85	79-120	
1,3-Dichloropropane	ug/L	50	47.9	96	81-121	
1,4-Dichlorobenzene	ug/L	50	40.5	81	77-117	
1-Methylnaphthalene	ug/L	50	38.2	76	65-142	
2,2-Dichloropropane	ug/L	50	43.5	87	56-134	
2-Butanone (MEK)	ug/L	250	253	101	61-138	
2-Chlorotoluene	ug/L	50	40.4	81	73-125	
2-Hexanone	ug/L	250	219	88	58-138	
2-Methylnaphthalene	ug/L	50	37.1	74	60-136	
4-Chlorotoluene	ug/L	50	45.2	90	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	227	91	60-131	
Acetone	ug/L	250	212	85	57-126	
Acrolein	ug/L	250	225	90	56-120	
Acrylonitrile	ug/L	250	239	96	65-127	
Benzene	ug/L	50	47.2	94	75-118	
Bromobenzene	ug/L	50	52.4	105	68-127	
Bromochloromethane	ug/L	50	45.4	91	66-126	
Bromodichloromethane	ug/L	50	47.9	96	75-120	
Bromoform	ug/L	50	51.7	103	61-119	
Bromomethane	ug/L	50	46.5	93	12-184	
Carbon disulfide	ug/L	50	46.1	92	71-123	
Carbon tetrachloride	ug/L	50	49.0	98	73-125	
Chlorobenzene	ug/L	50	45.5	91	80-115	
Chloroethane	ug/L	50	52.9	106	46-133	
Chloroform	ug/L	50	45.9	92	75-117	
Chloromethane	ug/L	50	35.1	70	33-124	
cis-1,2-Dichloroethene	ug/L	50	52.1	104	76-120	
cis-1,3-Dichloropropene	ug/L	50	46.4	93	73-130	
Dibromochloromethane	ug/L	50	50.4	101	69-124	
Dibromomethane	ug/L	50	47.5	95	76-124	
Dichlorodifluoromethane	ug/L	50	48.1	96	36-145	
Ethyl methacrylate	ug/L	50	44.7J	89	67-140	
Ethylbenzene	ug/L	50	46.8	94	78-120	
Hexachloro-1,3-butadiene	ug/L	50	44.9	90	79-137	
Iodomethane	ug/L	50	55.1	110	10-184	
Isopropylbenzene (Cumene)	ug/L	50	45.9	92	82-122	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

LABORATORY CONTROL SAMPLE: 2741768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	48.5	97	79-125	
Methylene Chloride	ug/L	50	62.3	125	68-126	
n-Butylbenzene	ug/L	50	39.1	78	73-123	
n-Hexane	ug/L	50	49.2	98	71-143	
n-Propylbenzene	ug/L	50	40.8	82	75-119	
Naphthalene	ug/L	50	39.0	78	70-130	
p-Isopropyltoluene	ug/L	50	42.3	85	82-119	
sec-Butylbenzene	ug/L	50	42.4	85	79-119	
Styrene	ug/L	50	44.8	90	80-121	
tert-Butylbenzene	ug/L	50	43.4	87	58-106	
Tetrachloroethene	ug/L	50	48.2	96	70-123	
Toluene	ug/L	50	44.5	89	72-114	
trans-1,2-Dichloroethene	ug/L	50	52.1	104	79-126	
trans-1,3-Dichloropropene	ug/L	50	47.5	95	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	45J	90	34-130	
Trichloroethene	ug/L	50	46.8	94	78-120	
Trichlorofluoromethane	ug/L	50	51.4	103	57-156	
Vinyl acetate	ug/L	200	148	74	50-116	
Vinyl chloride	ug/L	50	49.5	99	55-122	
Xylene (Total)	ug/L	150	137	91	81-118	
4-Bromofluorobenzene (S)	%.			99	85-116	
Dibromofluoromethane (S)	%.			100	75-120	
Toluene-d8 (S)	%.			98	83-111	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

QC Batch: 594270 | Analysis Method: EPA 5030/8260
QC Batch Method: EPA 5030/8260 | Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50273493015, 50273493016, 50273493017, 50273493018, 50273493019, 50273493020, 50273493021, 50273493022, 50273493023, 50273493024, 50273493025, 50273493026

METHOD BLANK: 2741771 Matrix: Water

Associated Lab Samples: 50273493015, 50273493016, 50273493017, 50273493018, 50273493019, 50273493020, 50273493021, 50273493022, 50273493023, 50273493024, 50273493025, 50273493026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/20/20 03:47	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/20/20 03:47	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/20/20 03:47	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/20/20 03:47	
1,1-Dichloroethane	ug/L	ND	5.0	11/20/20 03:47	
1,1-Dichloroethene	ug/L	ND	5.0	11/20/20 03:47	
1,1-Dichloropropene	ug/L	ND	5.0	11/20/20 03:47	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/20/20 03:47	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/20/20 03:47	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/20/20 03:47	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/20/20 03:47	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/20/20 03:47	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/20/20 03:47	
1,2-Dichloroethane	ug/L	ND	5.0	11/20/20 03:47	
1,2-Dichloropropane	ug/L	ND	5.0	11/20/20 03:47	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/20/20 03:47	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/20/20 03:47	
1,3-Dichloropropane	ug/L	ND	5.0	11/20/20 03:47	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/20/20 03:47	
1-Methylnaphthalene	ug/L	ND	10.0	11/20/20 03:47	
2,2-Dichloropropane	ug/L	ND	5.0	11/20/20 03:47	
2-Butanone (MEK)	ug/L	ND	25.0	11/20/20 03:47	
2-Chlorotoluene	ug/L	ND	5.0	11/20/20 03:47	
2-Hexanone	ug/L	ND	25.0	11/20/20 03:47	
2-Methylnaphthalene	ug/L	ND	10.0	11/20/20 03:47	
4-Chlorotoluene	ug/L	ND	5.0	11/20/20 03:47	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/20/20 03:47	
Acetone	ug/L	ND	100	11/20/20 03:47	
Acrolein	ug/L	ND	50.0	11/20/20 03:47	
Acrylonitrile	ug/L	ND	100	11/20/20 03:47	
Benzene	ug/L	ND	5.0	11/20/20 03:47	
Bromobenzene	ug/L	ND	5.0	11/20/20 03:47	
Bromochloromethane	ug/L	ND	5.0	11/20/20 03:47	
Bromodichloromethane	ug/L	ND	5.0	11/20/20 03:47	
Bromoform	ug/L	ND	5.0	11/20/20 03:47	
Bromomethane	ug/L	ND	5.0	11/20/20 03:47	
Carbon disulfide	ug/L	ND	10.0	11/20/20 03:47	
Carbon tetrachloride	ug/L	ND	5.0	11/20/20 03:47	
Chlorobenzene	ug/L	ND	5.0	11/20/20 03:47	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

METHOD BLANK: 2741771 Matrix: Water

Associated Lab Samples: 50273493015, 50273493016, 50273493017, 50273493018, 50273493019, 50273493020, 50273493021, 50273493022, 50273493023, 50273493024, 50273493025, 50273493026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	ug/L	ND	5.0	11/20/20 03:47	
Chloroform	ug/L	ND	5.0	11/20/20 03:47	
Chloromethane	ug/L	ND	5.0	11/20/20 03:47	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/20/20 03:47	
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/20/20 03:47	
Dibromochloromethane	ug/L	ND	5.0	11/20/20 03:47	
Dibromomethane	ug/L	ND	5.0	11/20/20 03:47	
Dichlorodifluoromethane	ug/L	ND	5.0	11/20/20 03:47	
Ethyl methacrylate	ug/L	ND	100	11/20/20 03:47	
Ethylbenzene	ug/L	ND	5.0	11/20/20 03:47	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/20/20 03:47	
Iodomethane	ug/L	ND	10.0	11/20/20 03:47	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/20/20 03:47	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/20/20 03:47	
Methylene Chloride	ug/L	7.1	5.0	11/20/20 03:47	
n-Butylbenzene	ug/L	ND	5.0	11/20/20 03:47	
n-Hexane	ug/L	ND	5.0	11/20/20 03:47	
n-Propylbenzene	ug/L	ND	5.0	11/20/20 03:47	
Naphthalene	ug/L	ND	1.7	11/20/20 03:47	
p-Isopropyltoluene	ug/L	ND	5.0	11/20/20 03:47	
sec-Butylbenzene	ug/L	ND	5.0	11/20/20 03:47	
Styrene	ug/L	ND	5.0	11/20/20 03:47	
tert-Butylbenzene	ug/L	ND	5.0	11/20/20 03:47	
Tetrachloroethene	ug/L	ND	5.0	11/20/20 03:47	
Toluene	ug/L	ND	5.0	11/20/20 03:47	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/20/20 03:47	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/20/20 03:47	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/20/20 03:47	
Trichloroethene	ug/L	ND	5.0	11/20/20 03:47	
Trichlorofluoromethane	ug/L	ND	5.0	11/20/20 03:47	
Vinyl acetate	ug/L	ND	50.0	11/20/20 03:47	
Vinyl chloride	ug/L	ND	2.0	11/20/20 03:47	
Xylene (Total)	ug/L	ND	10.0	11/20/20 03:47	
4-Bromofluorobenzene (S)	%.	96	85-116	11/20/20 03:47	
Dibromofluoromethane (S)	%.	112	75-120	11/20/20 03:47	
Toluene-d8 (S)	%.	95	83-111	11/20/20 03:47	

LABORATORY CONTROL SAMPLE: 2741772

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.4	105	78-120	
1,1,1-Trichloroethane	ug/L	50	49.3	99	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	64-126	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

LABORATORY CONTROL SAMPLE: 2741772

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	50	51.2	102	73-125	
1,1-Dichloroethane	ug/L	50	48.1	96	77-123	
1,1-Dichloroethene	ug/L	50	53.0	106	79-128	
1,1-Dichloropropene	ug/L	50	47.7	95	78-120	
1,2,3-Trichlorobenzene	ug/L	50	42.6	85	75-126	
1,2,3-Trichloropropane	ug/L	50	51.8	104	71-131	
1,2,4-Trichlorobenzene	ug/L	50	41.3	83	76-130	
1,2,4-Trimethylbenzene	ug/L	50	42.1	84	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	53.1	106	76-122	
1,2-Dichlorobenzene	ug/L	50	44.0	88	79-113	
1,2-Dichloroethane	ug/L	50	44.0	88	66-127	
1,2-Dichloropropane	ug/L	50	49.2	98	75-127	
1,3,5-Trimethylbenzene	ug/L	50	43.1	86	78-116	
1,3-Dichlorobenzene	ug/L	50	43.4	87	79-120	
1,3-Dichloropropane	ug/L	50	48.7	97	81-121	
1,4-Dichlorobenzene	ug/L	50	41.8	84	77-117	
1-Methylnaphthalene	ug/L	50	40.1	80	65-142	
2,2-Dichloropropane	ug/L	50	43.3	87	56-134	
2-Butanone (MEK)	ug/L	250	256	102	61-138	
2-Chlorotoluene	ug/L	50	42.1	84	73-125	
2-Hexanone	ug/L	250	209	83	58-138	
2-Methylnaphthalene	ug/L	50	41.1	82	60-136	
4-Chlorotoluene	ug/L	50	45.1	90	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	225	90	60-131	
Acetone	ug/L	250	221	89	57-126	
Acrolein	ug/L	250	221	89	56-120	
Acrylonitrile	ug/L	250	242	97	65-127	
Benzene	ug/L	50	48.2	96	75-118	
Bromobenzene	ug/L	50	47.2	94	68-127	
Bromochloromethane	ug/L	50	45.3	91	66-126	
Bromodichloromethane	ug/L	50	48.6	97	75-120	
Bromoform	ug/L	50	54.1	108	61-119	
Bromomethane	ug/L	50	54.9	110	12-184	
Carbon disulfide	ug/L	50	47.3	95	71-123	
Carbon tetrachloride	ug/L	50	51.1	102	73-125	
Chlorobenzene	ug/L	50	45.2	90	80-115	
Chloroethane	ug/L	50	54.2	108	46-133	
Chloroform	ug/L	50	44.3	89	75-117	
Chloromethane	ug/L	50	42.4	85	33-124	
cis-1,2-Dichloroethene	ug/L	50	48.5	97	76-120	
cis-1,3-Dichloropropene	ug/L	50	49.1	98	73-130	
Dibromochloromethane	ug/L	50	52.3	105	69-124	
Dibromomethane	ug/L	50	48.2	96	76-124	
Dichlorodifluoromethane	ug/L	50	42.6	85	36-145	
Ethyl methacrylate	ug/L	50	42.6J	85	67-140	
Ethylbenzene	ug/L	50	47.2	94	78-120	
Hexachloro-1,3-butadiene	ug/L	50	47.8	96	79-137	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

LABORATORY CONTROL SAMPLE: 2741772

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	50	58.4	117	10-184	
Isopropylbenzene (Cumene)	ug/L	50	44.8	90	82-122	
Methyl-tert-butyl ether	ug/L	50	54.3	109	79-125	
Methylene Chloride	ug/L	50	64.5	129	68-126	L1
n-Butylbenzene	ug/L	50	39.4	79	73-123	
n-Hexane	ug/L	50	52.4	105	71-143	
n-Propylbenzene	ug/L	50	42.3	85	75-119	
Naphthalene	ug/L	50	43.1	86	70-130	
p-Isopropyltoluene	ug/L	50	42.7	85	82-119	
sec-Butylbenzene	ug/L	50	43.6	87	79-119	
Styrene	ug/L	50	43.2	86	80-121	
tert-Butylbenzene	ug/L	50	45.0	90	58-106	
Tetrachloroethene	ug/L	50	47.0	94	70-123	
Toluene	ug/L	50	44.6	89	72-114	
trans-1,2-Dichloroethene	ug/L	50	49.8	100	79-126	
trans-1,3-Dichloropropene	ug/L	50	47.6	95	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	44.7J	89	34-130	
Trichloroethene	ug/L	50	48.5	97	78-120	
Trichlorofluoromethane	ug/L	50	46.4	93	57-156	
Vinyl acetate	ug/L	200	156	78	50-116	
Vinyl chloride	ug/L	50	45.2	90	55-122	
Xylene (Total)	ug/L	150	131	87	81-118	
4-Bromofluorobenzene (S)	%.			96	85-116	
Dibromofluoromethane (S)	%.			96	75-120	
Toluene-d8 (S)	%.			97	83-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741773 2741774

Parameter	Units	50273493026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	42.5	42.4	85	85	51-135	0	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	46.5	44.7	93	89	56-144	4	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	43.7	43.4	87	87	47-137	1	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	45.7	45.7	91	91	55-136	0	20	
1,1-Dichloroethane	ug/L	ND	50	50	46.2	45.1	92	90	53-140	2	20	
1,1-Dichloroethene	ug/L	ND	50	50	51.2	50.3	102	101	60-140	2	20	
1,1-Dichloropropene	ug/L	ND	50	50	40.2	39.1	80	78	54-136	3	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	23.4	24.2	47	48	35-140	3	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	47.5	47.8	95	96	54-142	0	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	20.1	20.3	40	41	31-143	1	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	18.5	18.8	36	37	13-152	1	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	48.0	47.5	96	95	56-136	1	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	24.6	25.1	49	50	38-133	2	20	
1,2-Dichloroethane	ug/L	ND	50	50	43.3	42.2	87	84	46-145	2	20	
1,2-Dichloropropane	ug/L	ND	50	50	44.6	44.9	89	90	55-141	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741773 2741774

Parameter	Units	50273493026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3,5-Trimethylbenzene	ug/L	ND	50	50	19.1	19.4	38	39	23-145	2	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	21.2	21.9	42	44	31-144	4	20	
1,3-Dichloropropane	ug/L	ND	50	50	43.8	43.2	88	86	60-139	1	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	20.3	20.6	41	41	31-138	2	20	
1-Methylnaphthalene	ug/L	ND	50	50	32.0	31.9	60	60	40-150	1	20	
2,2-Dichloropropane	ug/L	ND	50	50	40.5	39.4	81	79	34-137	3	20	
2-Butanone (MEK)	ug/L	ND	250	250	259	243	104	97	42-150	6	20	
2-Chlorotoluene	ug/L	ND	50	50	21.1	21.3	42	43	28-148	1	20	
2-Hexanone	ug/L	ND	250	250	204	199	82	79	43-146	3	20	
2-Methylnaphthalene	ug/L	ND	50	50	32.6	32.5	58	58	32-142	0	20	
4-Chlorotoluene	ug/L	ND	50	50	20.8	21.3	42	43	25-145	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	221	219	88	87	42-142	1	20	
Acetone	ug/L	ND	250	250	230	221	92	88	36-142	4	20	
Acrolein	ug/L	ND	250	250	193	186	77	75	28-122	3	20	
Acrylonitrile	ug/L	ND	250	250	249	239	100	96	48-137	4	20	
Benzene	ug/L	ND	50	50	42.8	42.2	86	84	49-135	1	20	
Bromobenzene	ug/L	ND	50	50	26.9	26.8	54	54	37-144	0	20	
Bromochloromethane	ug/L	ND	50	50	44.4	42.0	89	84	47-140	5	20	
Bromodichloromethane	ug/L	ND	50	50	44.1	44.1	88	88	55-133	0	20	
Bromoform	ug/L	ND	50	50	48.5	48.0	97	96	45-125	1	20	
Bromomethane	ug/L	ND	50	50	53.5	53.5	107	107	10-191	0	20	
Carbon disulfide	ug/L	ND	50	50	40.8	40.6	82	81	49-136	0	20	
Carbon tetrachloride	ug/L	ND	50	50	44.4	44.4	89	89	55-134	0	20	
Chlorobenzene	ug/L	ND	50	50	30.7	30.7	61	61	42-135	0	20	
Chloroethane	ug/L	ND	50	50	52.8	52.5	106	105	25-154	1	20	
Chloroform	ug/L	ND	50	50	43.2	42.6	85	84	57-130	1	20	
Chloromethane	ug/L	ND	50	50	41.3	40.7	83	81	17-129	1	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	45.2	45.2	90	90	53-134	0	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	40.9	41.0	82	82	50-136	0	20	
Dibromochloromethane	ug/L	ND	50	50	46.7	47.1	93	94	53-133	1	20	
Dibromomethane	ug/L	ND	50	50	45.6	44.6	91	89	57-139	2	20	
Dichlorodifluoromethane	ug/L	ND	50	50	43.6	42.2	87	84	21-154	3	20	
Ethyl methacrylate	ug/L	ND	50	50	40.8J	40.4J	82	81	56-148		20	
Ethylbenzene	ug/L	ND	50	50	28.5	28.4	57	57	28-147	0	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	10.0	10	20	20	10-168	1	20	
Iodomethane	ug/L	ND	50	50	55.8	56.0	112	112	10-186	0	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	23.3	23.4	47	47	27-151	0	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	54.4	53.1	109	106	60-142	2	20	
Methylene Chloride	ug/L	ND	50	50	52.7	51.9	105	104	46-138	2	20	
n-Butylbenzene	ug/L	ND	50	50	10.8	10.9	22	22	10-153	1	20	
n-Hexane	ug/L	ND	50	50	46.2	45.6	92	91	46-155	1	20	
n-Propylbenzene	ug/L	ND	50	50	17.1	17.5	34	35	20-149	2	20	
Naphthalene	ug/L	ND	50	50	33.4	33.7	67	67	41-139	1	20	
p-Isopropyltoluene	ug/L	ND	50	50	14.4	14.5	29	29	15-155	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741773 2741774

Parameter	Units	50273493026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
sec-Butylbenzene	ug/L	ND	50	50	16.0	16.5	32	33	17-153	2	20	
Styrene	ug/L	ND	50	50	27.0	26.9	54	54	42-139	0	20	
tert-Butylbenzene	ug/L	ND	50	50	21.4	21.6	43	43	18-123	1	20	
Tetrachloroethene	ug/L	47.6	50	50	62.7	64.0	30	33	32-140	2	20	M1
Toluene	ug/L	ND	50	50	33.6	33.7	67	67	42-131	0	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	44.8	44.0	90	88	57-138	2	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	39.2	40.4	78	81	47-128	3	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	37.4J	36J	75	72	10-135		20	
Trichloroethene	ug/L	35.1	50	50	67.7	68.3	65	66	47-137	1	20	
Trichlorofluoromethane	ug/L	ND	50	50	46.0	44.6	92	89	42-163	3	20	
Vinyl acetate	ug/L	ND	200	200	116	113	58	57	10-114	2	20	
Vinyl chloride	ug/L	ND	50	50	45.4	43.5	91	87	36-136	4	20	
Xylene (Total)	ug/L	ND	150	150	77.5	77.5	52	52	30-145	0	20	
4-Bromofluorobenzene (S)	%.						97	97	85-116			
Dibromofluoromethane (S)	%.						97	98	75-120			
Toluene-d8 (S)	%.						96	97	83-111			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

QC Batch: 594525
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50273493027, 50273493028, 50273493029

METHOD BLANK: 2743195 Matrix: Water
Associated Lab Samples: 50273493027, 50273493028, 50273493029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/21/20 00:24	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/21/20 00:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/21/20 00:24	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/21/20 00:24	
1,1-Dichloroethane	ug/L	ND	5.0	11/21/20 00:24	
1,1-Dichloroethene	ug/L	ND	5.0	11/21/20 00:24	
1,1-Dichloropropene	ug/L	ND	5.0	11/21/20 00:24	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/21/20 00:24	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/21/20 00:24	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/21/20 00:24	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/21/20 00:24	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/21/20 00:24	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/21/20 00:24	
1,2-Dichloroethane	ug/L	ND	5.0	11/21/20 00:24	
1,2-Dichloropropane	ug/L	ND	5.0	11/21/20 00:24	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/21/20 00:24	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/21/20 00:24	
1,3-Dichloropropane	ug/L	ND	5.0	11/21/20 00:24	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/21/20 00:24	
1-Methylnaphthalene	ug/L	ND	10.0	11/21/20 00:24	
2,2-Dichloropropane	ug/L	ND	5.0	11/21/20 00:24	
2-Butanone (MEK)	ug/L	ND	25.0	11/21/20 00:24	
2-Chlorotoluene	ug/L	ND	5.0	11/21/20 00:24	
2-Hexanone	ug/L	ND	25.0	11/21/20 00:24	
2-Methylnaphthalene	ug/L	ND	10.0	11/21/20 00:24	
4-Chlorotoluene	ug/L	ND	5.0	11/21/20 00:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/21/20 00:24	
Acetone	ug/L	ND	100	11/21/20 00:24	
Acrolein	ug/L	ND	50.0	11/21/20 00:24	
Acrylonitrile	ug/L	ND	100	11/21/20 00:24	
Benzene	ug/L	ND	5.0	11/21/20 00:24	
Bromobenzene	ug/L	ND	5.0	11/21/20 00:24	
Bromochloromethane	ug/L	ND	5.0	11/21/20 00:24	
Bromodichloromethane	ug/L	ND	5.0	11/21/20 00:24	
Bromoform	ug/L	ND	5.0	11/21/20 00:24	
Bromomethane	ug/L	ND	5.0	11/21/20 00:24	
Carbon disulfide	ug/L	ND	10.0	11/21/20 00:24	
Carbon tetrachloride	ug/L	ND	5.0	11/21/20 00:24	
Chlorobenzene	ug/L	ND	5.0	11/21/20 00:24	
Chloroethane	ug/L	ND	5.0	11/21/20 00:24	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

METHOD BLANK: 2743195 Matrix: Water
Associated Lab Samples: 50273493027, 50273493028, 50273493029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	11/21/20 00:24	
Chloromethane	ug/L	ND	5.0	11/21/20 00:24	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/21/20 00:24	
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/21/20 00:24	
Dibromochloromethane	ug/L	ND	5.0	11/21/20 00:24	
Dibromomethane	ug/L	ND	5.0	11/21/20 00:24	
Dichlorodifluoromethane	ug/L	ND	5.0	11/21/20 00:24	
Ethyl methacrylate	ug/L	ND	100	11/21/20 00:24	
Ethylbenzene	ug/L	ND	5.0	11/21/20 00:24	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/21/20 00:24	
Iodomethane	ug/L	ND	10.0	11/21/20 00:24	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/21/20 00:24	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/21/20 00:24	
Methylene Chloride	ug/L	ND	5.0	11/21/20 00:24	
n-Butylbenzene	ug/L	ND	5.0	11/21/20 00:24	
n-Hexane	ug/L	ND	5.0	11/21/20 00:24	
n-Propylbenzene	ug/L	ND	5.0	11/21/20 00:24	
Naphthalene	ug/L	ND	1.7	11/21/20 00:24	
p-Isopropyltoluene	ug/L	ND	5.0	11/21/20 00:24	
sec-Butylbenzene	ug/L	ND	5.0	11/21/20 00:24	
Styrene	ug/L	ND	5.0	11/21/20 00:24	
tert-Butylbenzene	ug/L	ND	5.0	11/21/20 00:24	
Tetrachloroethene	ug/L	ND	5.0	11/21/20 00:24	
Toluene	ug/L	ND	5.0	11/21/20 00:24	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/21/20 00:24	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/21/20 00:24	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/21/20 00:24	
Trichloroethene	ug/L	ND	5.0	11/21/20 00:24	
Trichlorofluoromethane	ug/L	ND	5.0	11/21/20 00:24	
Vinyl acetate	ug/L	ND	50.0	11/21/20 00:24	
Vinyl chloride	ug/L	ND	2.0	11/21/20 00:24	
Xylene (Total)	ug/L	ND	10.0	11/21/20 00:24	
4-Bromofluorobenzene (S)	%.	100	85-116	11/21/20 00:24	
Dibromofluoromethane (S)	%.	103	75-120	11/21/20 00:24	
Toluene-d8 (S)	%.	97	83-111	11/21/20 00:24	

LABORATORY CONTROL SAMPLE: 2743196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.9	110	78-120	
1,1,1-Trichloroethane	ug/L	50	52.3	105	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.2	104	64-126	
1,1,2-Trichloroethane	ug/L	50	55.1	110	73-125	
1,1-Dichloroethane	ug/L	50	53.5	107	77-123	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

LABORATORY CONTROL SAMPLE: 2743196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	53.3	107	79-128	
1,1-Dichloropropene	ug/L	50	49.7	99	78-120	
1,2,3-Trichlorobenzene	ug/L	50	48.0	96	75-126	
1,2,3-Trichloropropane	ug/L	50	51.5	103	71-131	
1,2,4-Trichlorobenzene	ug/L	50	47.7	95	76-130	
1,2,4-Trimethylbenzene	ug/L	50	46.9	94	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	52.0	104	76-122	
1,2-Dichlorobenzene	ug/L	50	46.8	94	79-113	
1,2-Dichloroethane	ug/L	50	51.4	103	66-127	
1,2-Dichloropropane	ug/L	50	50.7	101	75-127	
1,3,5-Trimethylbenzene	ug/L	50	48.0	96	78-116	
1,3-Dichlorobenzene	ug/L	50	46.9	94	79-120	
1,3-Dichloropropane	ug/L	50	52.3	105	81-121	
1,4-Dichlorobenzene	ug/L	50	43.6	87	77-117	
1-Methylnaphthalene	ug/L	50	47.7	95	65-142	
2,2-Dichloropropane	ug/L	50	51.1	102	56-134	
2-Butanone (MEK)	ug/L	250	270	108	61-138	
2-Chlorotoluene	ug/L	50	47.1	94	73-125	
2-Hexanone	ug/L	250	272	109	58-138	
2-Methylnaphthalene	ug/L	50	45.6	91	60-136	
4-Chlorotoluene	ug/L	50	49.2	98	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	274	110	60-131	
Acetone	ug/L	250	279	112	57-126	
Acrolein	ug/L	250	268	107	56-120	
Acrylonitrile	ug/L	250	268	107	65-127	
Benzene	ug/L	50	48.3	97	75-118	
Bromobenzene	ug/L	50	48.2	96	68-127	
Bromochloromethane	ug/L	50	52.7	105	66-126	
Bromodichloromethane	ug/L	50	50.3	101	75-120	
Bromoform	ug/L	50	51.9	104	61-119	
Bromomethane	ug/L	50	52.3	105	12-184	
Carbon disulfide	ug/L	50	49.2	98	71-123	
Carbon tetrachloride	ug/L	50	51.2	102	73-125	
Chlorobenzene	ug/L	50	47.6	95	80-115	
Chloroethane	ug/L	50	51.9	104	46-133	
Chloroform	ug/L	50	46.1	92	75-117	
Chloromethane	ug/L	50	58.7	117	33-124	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	76-120	
cis-1,3-Dichloropropene	ug/L	50	56.6	113	73-130	
Dibromochloromethane	ug/L	50	52.7	105	69-124	
Dibromomethane	ug/L	50	50.5	101	76-124	
Dichlorodifluoromethane	ug/L	50	67.8	136	36-145	
Ethyl methacrylate	ug/L	50	53.3J	107	67-140	
Ethylbenzene	ug/L	50	48.2	96	78-120	
Hexachloro-1,3-butadiene	ug/L	50	55.1	110	79-137	
Iodomethane	ug/L	50	59.0	118	10-184	
Isopropylbenzene (Cumene)	ug/L	50	49.7	99	82-122	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

LABORATORY CONTROL SAMPLE: 2743196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	54.9	110	79-125	
Methylene Chloride	ug/L	50	51.5	103	68-126	
n-Butylbenzene	ug/L	50	47.1	94	73-123	
n-Hexane	ug/L	50	57.4	115	71-143	
n-Propylbenzene	ug/L	50	47.2	94	75-119	
Naphthalene	ug/L	50	49.4	99	70-130	
p-Isopropyltoluene	ug/L	50	48.5	97	82-119	
sec-Butylbenzene	ug/L	50	49.8	100	79-119	
Styrene	ug/L	50	48.8	98	80-121	
tert-Butylbenzene	ug/L	50	49.1	98	58-106	
Tetrachloroethene	ug/L	50	51.3	103	70-123	
Toluene	ug/L	50	48.5	97	72-114	
trans-1,2-Dichloroethene	ug/L	50	52.8	106	79-126	
trans-1,3-Dichloropropene	ug/L	50	55.0	110	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	50.6J	101	34-130	
Trichloroethene	ug/L	50	49.8	100	78-120	
Trichlorofluoromethane	ug/L	50	57.5	115	57-156	
Vinyl acetate	ug/L	200	145	72	50-116	
Vinyl chloride	ug/L	50	55.7	111	55-122	
Xylene (Total)	ug/L	150	145	97	81-118	
4-Bromofluorobenzene (S)	%.			100	85-116	
Dibromofluoromethane (S)	%.			96	75-120	
Toluene-d8 (S)	%.			101	83-111	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

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 adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

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

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Houghland Canning FSI #4
Pace Project No.: 50273493

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50273493001	**MW-20**	EPA 5030/8260	594263		
50273493002	**MW-21**	EPA 5030/8260	594263		
50273493003	**MW-25**	EPA 5030/8260	594263		
50273493004	**MW-24**	EPA 5030/8260	594263		
50273493005	**MW-27**	EPA 5030/8260	594263		
50273493006	**MW-10**	EPA 5030/8260	594263		
50273493007	**DUP-1**	EPA 5030/8260	594263		
50273493008	**MW-32**	EPA 5030/8260	594263		
50273493009	**MW-22D**	EPA 5030/8260	594263		
50273493010	**MW-22**	EPA 5030/8260	594266		
50273493011	**MW-29D**	EPA 5030/8260	594266		
50273493012	**MW-42**	EPA 5030/8260	594266		
50273493013	**MW-42D**	EPA 5030/8260	594266		
50273493014	**MW-41**	EPA 5030/8260	594266		
50273493015	**MW-41D**	EPA 5030/8260	594270		
50273493016	**MW-13**	EPA 5030/8260	594270		
50273493017	**MW-12**	EPA 5030/8260	594270		
50273493018	**MW-12D**	EPA 5030/8260	594270		
50273493019	**MW-11**	EPA 5030/8260	594270		
50273493020	**MW-11D**	EPA 5030/8260	594270		
50273493021	**MW-30**	EPA 5030/8260	594270		
50273493022	**MW-31**	EPA 5030/8260	594270		
50273493023	**MW-26**	EPA 5030/8260	594270		
50273493024	**MW-33D**	EPA 5030/8260	594270		
50273493025	**MW-33**	EPA 5030/8260	594270		
50273493026	**MW-38**	EPA 5030/8260	594270		
50273493027	**MW-38D**	EPA 5030/8260	594525		
50273493028	**DUP-2**	EPA 5030/8260	594525		
50273493029	**TRIP BLANK**	EPA 5030/8260	594525		

WO# : 50273493

50273493

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st Document
must be completed accurately.

Page : 1 Of 3

Section A	Section B	Invoice Information:
Required Client Information:	Required Project Information:	
Company: Patriot_Indianapolis	Report To: James Cody	Attention: ap @ patrioteng.com
Address: 6150 E 75th St	Copy To: Mike Casper	Company Name: Patriot
Indianapolis, IN 46250		Address: SAME
Email: jcody@patrioteng.com	Purchase Order #: —	Pace Quote:
Phone: (317)576-8058 Fax: —	Project Name: Houghland Canning FSI #4	Pace Project Manager: lina.sayer@pacelabs.com,
Requested Due Date: NORMAL	Project #: 20-0963-01E	Pace Profile #: 6950

Regulatory Agency

State / Location: IN

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	VOC by 8260	Residual Chlorine (Y/N)	
1	MW-20	WT	G			11/16/20	12:25		3				3						X		001
2	MW-21	"	"			"	13:20		3				3						X		002
3	MW-25	"	"			"	14:10		3				3						X		003
4	MW-24	"	"			"	15:00		3				3						X		004
5	MW-27	"	"			"	15:50		3				3						X		005
6	MW-10	"	"			"	16:40		3				3						X		006
7	DUP-1	"	"			"	—		3				3						X		007
8	MS-1	"	"			"	12:25		3				3						X		—
9	MSD-1	"	"			"	—		3				3						X		—
10	MW-32	"	"			"	16:30		3				3						X		008
11	MW-22D	"	"			11/17/20	8:30		3				3						X		009
12	MW-22	"	"			"	9:20		3				3						X		010

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
* Standard 2-week TAT	VS Patriot	11/17/20	17:47	VS Patriot	11-17-20	1747	1.5	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: VISHAL SHAH / MACK RUNYON

SIGNATURE of SAMPLER: VS / MR DATE Signed: 11-17-2020

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 Of 3

Section A – Required Client Information:

Company:	Patriot_Indianapolis
Address:	6150 E 75th St
	Indianapolis, IN 46250
Email:	jcody@patrioteng.com
Phone:	(317)576-8058 Fax: —
Requested Due Date:	NORMAL

Section B – Required Project Information:

Report To:	James Cody
Copy To:	Mike Casper
Purchase Order #:	—
Project Name:	Houghland Canning FSI #4
Project #:	20-0963-01E

Section C – Invoice Information:

Attention:	ap@patrioteng.com
Company Name:	SAME
Address:	
Pace Quote:	
Pace Project Manager:	lina.sayer@pacelabs.com,
Pace Profile #:	5950

Regulatory Agency: —

State / Location: IN

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	IN VOC 8260	Residual Chlorine (Y/N)	
13	MW-29D	WT	G			11/17/20	10:30		3				3						X		011
14	MW-42	WT	G			"	11:30		3				3						X		012
15	MW-42D	WT	G			"	12:20		3				3						X		013
16	MW-41	WT	G			"	13:20		3				3						X		014
17	MW-41D	WT	G			"	14:10		3				3						X		015
18	MW-13	WT	G			"	15:00		3				3						X		016
19	MW-12	WT	G			"	15:50		3				3						X		017
20	MW-12D	WT	G			"	16:40		3				3						X		018
21	MW-11	WT	G			"	9:25		3				3						X		019
22	MW-11D	WT	G			"	10:05		3				3						X		020
23	MW-30	WT	G			"	11:00		3				3						X		021
24	MW-31	WT	G			"	11:45		3				3						X		022

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
* Standard 2-week TAT	Vishal / Patriot	11/17/20	17:47		11-17-20	1747	1.5	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: VISHAL SHAH / MACK RUNYOON

SIGNATURE of SAMPLER: / DATE Signed: 11-17-2020

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A — Required Client Information:

Company:	Patriot_Indianapolis
Address:	6150 E 75th St
	Indianapolis, IN 46250
Email:	jcody@patnoteng.com
Phone:	(317)576-8058 Fax: —
Requested Due Date:	NORMAL

Section B — Required Project Information:

Report To:	James Cody
Copy To:	Mike Casper
Purchase Order #:	—
Project Name:	Houghland Canning FSI #4
Project #:	20-0963-01E

Section C — Invoice Information:

Attention:	AP@PatriotEng.com
Company Name:	SAME
Address:	
Pace Quote:	
Pace Project Manager:	tina.sayer@pacelabs.com,
Pace Profile #:	6950

Regulatory Agency: State / Location: IN

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	IN VOC DI 8260	Residual Chlorine (Y/N)	
25	MW-26	GW	G			11/17/20	12:30		3				3						X	CT 11/17/20	023
26	MW-33D	"	"			"	13:15		3				3						X		024
27	MW-33	"	"			"	14:25		3				3						X		025
28	MW-38	"	"			"	15:10		3				3						X		026
29	MW-38D	"	"			"	16:00		3				3						X		027
30	MS-2	"	"			"	15:10		3				3						X		~~028~~
31	MSD-2	"	"			"	—		3				3						X		~~029~~
32	DUP-2	"	"			"	—		3				3						X		030
33	Trip Blank	"	"			—	—		3				3						X		029
34																					
35																					
36		SL																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
* Standard 2-week TAT	Patriot	11/17/20	17:47		11-17-20	1747	1.5	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: VISHAL SHAH / MAEK RUNYON

SIGNATURE of SAMPLER: [signature] / [signature] DATE Signed: 11-17-2020

Pace Analytical

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: WS 11-17-20 1750

Courier: Fed Ex UPS (Client) Pace USPS Other _____

Custody Seal on Cooler/Box Present: (Yes) No **(If yes)Seals Intact:** (Yes) No **(leave blank if no seals were present)**

Packing Material: Bubble Wrap (Bubble Bags) None Other _____

Thermometer: 1 2 3 4 5 6 A B C (D) E F **Ice Type:** (Wet) Blue None

Cooler Temperature: 1.6/1.5 **If temp. is over 6°C or under 0°C, was the PM notified?:** Yes No

Temp should be above freezing to 6°C **(Initial/Corrected)**

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		✓	All containers needing acid/base pres. Have been CHECKED?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			✓
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Short Hold Time Analysis (48 hours or less)? Analysis:		✓		Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested (4 days or less):		✓	Headspace Wisconsin Sulfide?			✓
Custody Signatures Present?	✓		Headspace in VOA Vials (>6mm):		✓	
Containers Intact?:	✓		Trip Blank Present?	✓		
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?:	✓		
Extra labels on Terracore Vials? (soils only)		✓				

COMMENTS:

COC PAGE 1 of 3

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>10
1			9																							WT			
2			3																										
3			↓																										
4																													
5																													
6																													
7			↓																							↓			
8																													
9																													
10			3																							WT			
11			↓																							↓			
12																													

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass
VSG	Headspace septa vial & HCl	BG1H	1L HCl clear glass
WGKU	8oz unpreserved clear jar	BG1S	1L H2SO4 clear glass
WGFU	4oz clear soil jar	BG1T	1L Na Thiosulfate clear glass
JGFU	4oz unpreserved amber wide	BG1U	1L unpreserved glass
CG3H	250mL clear glass HCl	BG3H	250mL HCl Clear Glass

Plastic / Misc.

BG3U	250mL Unpres Clear Glass
BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)

BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 2 of 3

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9P	VOA VIAL HS (>8mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>10
1			3																							5			
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
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Container Codes

Glass

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DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass
VSG	Headspace septa vial & HCl	BG1H	1L HCl clear glass
WGKU	8oz unpreserved clear jar	BG1S	1L H2SO4 clear glass
WGFU	4oz clear soil jar	BG1T	1L Na Thiosulfate clear glass
JGFU	4oz unpreserved amber wide	BG1U	1L unpreserved glass
CG3H	250mL clear glass HCl	BG3H	250mL HCl Clear Glass

Plastic / Misc.

BG3U	250mL Unpres Clear Glass
BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 3 of 3

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H (VG9H)	VOA VIAL HS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>10
1			3																							WT			
2			↓																							↓			
3			↓																										
4			3																										
5			3																										
6																													
7																													
8			3																							WT			
9			↓																							↓			
10																													
11																													
12																													

Container Codes

Glass

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DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass	BP1A	1L NaOH, Asc Acid plastic
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass	BP1N	1L HNO3 plastic
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass	BP1S	1L H2SO4 plastic
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass	BP1U	1L unpreserved plastic
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass	BP1Z	1L NaOH, Zn, Ac
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass	BP2A	500mL NaOH, Asc Acid plastic
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass	BP2O	500mL NaOH plastic
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass	BP2S	500mL H2SO4 plastic
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass	BP2U	500mL unpreserved plastic
VSG	Headspace septa vial & HCl	BG1H	1L HCl clear glass	BP2Z	500mL NaOH, Zn Ac
WGKU	8oz unpreserved clear jar	BG1S	1L H2SO4 clear glass	BP3B	250mL NaOH plastic
WGFU	4oz clear soil jar	BG1T	1L Na Thiosulfate clear glass	BP3N	250mL HNO3 plastic
JGFU	4oz unpreserved amber wide	BG1U	1L unpreserved glass	BP3F	250mL HNO3 plastic (field filtered)
CG3H	250mL clear glass HCl	BG3H	250mL HCl Clear Glass		

Plastic / Misc.

BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

December 01, 2020

Mr. James Cody
Patriot Engineering
6150 E 75th St
Indianapolis, IN 46250

RE: Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Dear Mr. Cody:

Enclosed are the analytical results for sample(s) received by the laboratory on November 19, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Indianapolis

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

Sincerely,

Tina Sayer

Tina Sayer
tina.sayer@pacelabs.com
(317)228-3100
Project Manager

Enclosures

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project:	Houghland Canning FSI #4
Pace Project No.:	50273799

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Laboratory #: 999788130
USDA Soil Permit #: P330-19-00257

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50273799001	**MW-40**	Water	11/18/20 08:30	11/19/20 16:30
50273799002	**MW-40D**	Water	11/18/20 09:20	11/19/20 16:30
50273799003	**MW-39**	Water	11/18/20 10:10	11/19/20 16:30
50273799004	**MW-39D**	Water	11/18/20 11:00	11/19/20 16:30
50273799005	**MW-37**	Water	11/18/20 11:50	11/19/20 16:30
50273799006	**MW-37D**	Water	11/18/20 12:40	11/19/20 16:30
50273799007	**MW-16**	Water	11/18/20 14:00	11/19/20 16:30
50273799008	**MW-28**	Water	11/18/20 15:00	11/19/20 16:30
50273799009	**MW-43**	Water	11/18/20 16:00	11/19/20 16:30
50273799010	**MW-43D**	Water	11/18/20 17:00	11/19/20 16:30
50273799011	**MW-34**	Water	11/18/20 10:15	11/19/20 16:30
50273799012	**MW-34D**	Water	11/18/20 10:50	11/19/20 16:30
50273799013	**MW-35**	Water	11/18/20 11:40	11/19/20 16:30
50273799014	**MW-35D**	Water	11/18/20 12:15	11/19/20 16:30
50273799015	**MW-36**	Water	11/18/20 13:00	11/19/20 16:30
50273799016	**MW-36D**	Water	11/18/20 13:40	11/19/20 16:30
50273799017	**MW-15**	Water	11/18/20 15:00	11/19/20 16:30
50273799018	**MW-15D**	Water	11/18/20 15:45	11/19/20 16:30
50273799019	**MW-14**	Water	11/18/20 16:25	11/19/20 16:30
50273799020	**MW-14D**	Water	11/18/20 17:10	11/19/20 16:30
50273799021	**MW-44**	Water	11/19/20 09:00	11/19/20 16:30
50273799022	**MW-44D**	Water	11/19/20 09:50	11/19/20 16:30
50273799023	**MW-45**	Water	11/19/20 11:00	11/19/20 16:30
50273799024	**MW-45D**	Water	11/19/20 11:50	11/19/20 16:30
50273799025	**MW-49**	Water	11/19/20 12:40	11/19/20 16:30
50273799026	**MW-49D**	Water	11/19/20 13:30	11/19/20 16:30
50273799027	**MW-48**	Water	11/19/20 14:20	11/19/20 16:30
50273799028	**MW-48D**	Water	11/19/20 15:00	11/19/20 16:30
50273799029	**MW-46**	Water	11/19/20 11:55	11/19/20 16:30
50273799030	**MW-46I**	Water	11/19/20 11:15	11/19/20 16:30
50273799031	**MW-46D**	Water	11/19/20 10:25	11/19/20 16:30
50273799032	**MW-47**	Water	11/19/20 14:25	11/19/20 16:30
50273799033	**MW-47I**	Water	11/19/20 13:40	11/19/20 16:30
50273799034	**MW-47D**	Water	11/19/20 12:50	11/19/20 16:30
50273799035	**DUP-3**	Water	11/19/20 08:00	11/19/20 16:30
50273799036	**TRIP BLANK**	Water	11/18/20 08:00	11/19/20 16:30

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50273799001	MW-40	EPA 5030/8260	LKC	75	PASI-I
50273799002	MW-40D	EPA 5030/8260	LKC	75	PASI-I
50273799003	MW-39	EPA 5030/8260	LKC	75	PASI-I
50273799004	MW-39D	EPA 5030/8260	LKC	75	PASI-I
50273799005	MW-37	EPA 5030/8260	LKC	75	PASI-I
50273799006	MW-37D	EPA 5030/8260	LKC	75	PASI-I
50273799007	MW-16	EPA 5030/8260	LKC	75	PASI-I
50273799008	MW-28	EPA 5030/8260	LKC	75	PASI-I
50273799009	MW-43	EPA 5030/8260	LKC	75	PASI-I
50273799010	MW-43D	EPA 5030/8260	LKC	75	PASI-I
50273799011	MW-34	EPA 5030/8260	LKC	75	PASI-I
50273799012	MW-34D	EPA 5030/8260	LKC	75	PASI-I
50273799013	MW-35	EPA 5030/8260	LKC	75	PASI-I
50273799014	MW-35D	EPA 5030/8260	LKC	75	PASI-I
50273799015	MW-36	EPA 5030/8260	LKC	75	PASI-I
50273799016	MW-36D	EPA 5030/8260	LKC	75	PASI-I
50273799017	MW-15	EPA 5030/8260	LKC	75	PASI-I
50273799018	MW-15D	EPA 5030/8260	LKC	75	PASI-I
50273799019	MW-14	EPA 5030/8260	LKC	75	PASI-I
50273799020	MW-14D	EPA 5030/8260	LKC	75	PASI-I
50273799021	MW-44	EPA 5030/8260	LKC	75	PASI-I
50273799022	MW-44D	EPA 5030/8260	LKC	75	PASI-I
50273799023	MW-45	EPA 5030/8260	LKC	75	PASI-I
50273799024	MW-45D	EPA 5030/8260	LKC	75	PASI-I
50273799025	MW-49	EPA 5030/8260	LKC	75	PASI-I
50273799026	MW-49D	EPA 5030/8260	LKC	75	PASI-I
50273799027	MW-48	EPA 5030/8260	LKC	75	PASI-I
50273799028	MW-48D	EPA 5030/8260	LKC	75	PASI-I
50273799029	MW-46	EPA 5030/8260	LKC	75	PASI-I
50273799030	MW-46I	EPA 5030/8260	LKC	75	PASI-I
50273799031	MW-46D	EPA 5030/8260	LKC	75	PASI-I
50273799032	MW-47	EPA 5030/8260	LKC	75	PASI-I
50273799033	MW-47I	EPA 5030/8260	LKC	75	PASI-I
50273799034	MW-47D	EPA 5030/8260	LKC	75	PASI-I
50273799035	DUP-3	EPA 5030/8260	LKC	75	PASI-I
50273799036	TRIP BLANK	EPA 5030/8260	LKC	75	PASI-I

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

PASI-I = Pace Analytical Services - Indianapolis

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50273799001	**MW-40**					
EPA 5030/8260	cis-1,2-Dichloroethene	401	ug/L	50.0	11/29/20 17:38	
EPA 5030/8260	trans-1,2-Dichloroethene	640	ug/L	50.0	11/29/20 17:38	
EPA 5030/8260	Trichloroethene	213	ug/L	5.0	11/25/20 13:45	
EPA 5030/8260	Vinyl chloride	4.1	ug/L	2.0	11/25/20 13:45	
50273799002	**MW-40D**					
EPA 5030/8260	cis-1,2-Dichloroethene	15.5	ug/L	5.0	11/25/20 14:17	
EPA 5030/8260	trans-1,2-Dichloroethene	22.1	ug/L	5.0	11/25/20 14:17	
50273799003	**MW-39**					
EPA 5030/8260	Tetrachloroethene	8.0	ug/L	5.0	11/25/20 14:49	
EPA 5030/8260	Trichloroethene	12.4	ug/L	5.0	11/25/20 14:49	
EPA 5030/8260	Vinyl chloride	9.9	ug/L	2.0	11/25/20 14:49	
50273799004	**MW-39D**					
EPA 5030/8260	cis-1,2-Dichloroethene	10.9	ug/L	5.0	11/25/20 15:21	
50273799005	**MW-37**					
EPA 5030/8260	Tetrachloroethene	23.8	ug/L	5.0	11/25/20 15:53	
EPA 5030/8260	Trichloroethene	23.5	ug/L	5.0	11/25/20 15:53	
50273799008	**MW-28**					
EPA 5030/8260	cis-1,2-Dichloroethene	56.8	ug/L	5.0	11/25/20 17:29	
50273799010	**MW-43D**					
EPA 5030/8260	cis-1,2-Dichloroethene	16.7	ug/L	5.0	11/25/20 18:34	
EPA 5030/8260	Trichloroethene	7.1	ug/L	5.0	11/25/20 18:34	
50273799015	**MW-36**					
EPA 5030/8260	Tetrachloroethene	11.9	ug/L	5.0	11/25/20 21:14	
EPA 5030/8260	Trichloroethene	39.2	ug/L	5.0	11/25/20 21:14	
50273799017	**MW-15**					
EPA 5030/8260	Trichloroethene	32.6	ug/L	5.0	11/25/20 22:50	
50273799018	**MW-15D**					
EPA 5030/8260	cis-1,2-Dichloroethene	588	ug/L	50.0	11/29/20 19:15	
EPA 5030/8260	trans-1,2-Dichloroethene	54.2	ug/L	5.0	11/25/20 14:01	
50273799020	**MW-14D**					
EPA 5030/8260	cis-1,2-Dichloroethene	23.5	ug/L	5.0	11/25/20 15:05	
EPA 5030/8260	Trichloroethene	439	ug/L	50.0	11/29/20 19:47	
50273799030	**MW-46I**					
EPA 5030/8260	cis-1,2-Dichloroethene	43.1	ug/L	5.0	11/25/20 21:30	
EPA 5030/8260	Trichloroethene	35.7	ug/L	5.0	11/25/20 21:30	
50273799031	**MW-46D**					
EPA 5030/8260	cis-1,2-Dichloroethene	52.5	ug/L	5.0	11/25/20 22:02	
50273799033	**MW-47I**					
EPA 5030/8260	cis-1,2-Dichloroethene	9.9	ug/L	5.0	11/25/20 23:06	

Pace Analytical Services, LLC
7726 Moller Road
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(317)228-3100

SUMMARY OF DETECTION

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50273799035	**DUP-3**					
EPA 5030/8260	cis-1,2-Dichloroethene	51.8	ug/L	5.0	11/26/20 09:16	

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-40 **Lab ID: 50273799001** Collected: 11/18/20 08:30 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 13:45	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 13:45	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 13:45	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 13:45	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 13:45	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 13:45	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 13:45	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 13:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 13:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 13:45	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 13:45	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 13:45	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 13:45	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 13:45	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 13:45	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 13:45	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 13:45	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 13:45	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 13:45	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 13:45	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 13:45	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 13:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 13:45	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 13:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 13:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 13:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 13:45	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 13:45	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 13:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 13:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 13:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 13:45	75-35-4	
cis-1,2-Dichloroethene	**401**	ug/L	50.0	10		11/29/20 17:38	156-59-2	
trans-1,2-Dichloroethene	**640**	ug/L	50.0	10		11/29/20 17:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 13:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 13:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 13:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 13:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 13:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 13:45	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 13:45	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 13:45	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 13:45	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 13:45	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 13:45	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 13:45	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-40 **Lab ID: 50273799001** Collected: 11/18/20 08:30 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 13:45	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 13:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 13:45	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 13:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 13:45	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 13:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 13:45	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 13:45	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 13:45	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 13:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 13:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 13:45	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 13:45	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 13:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 13:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 13:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 13:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 13:45	79-00-5	
Trichloroethene	**213**	ug/L	5.0	1		11/25/20 13:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 13:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 13:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 13:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 13:45	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 13:45	108-05-4	
Vinyl chloride	**4.1**	ug/L	2.0	1		11/25/20 13:45	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 13:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	75-120	1		11/25/20 13:45	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-116	1		11/25/20 13:45	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/25/20 13:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-40D **Lab ID: 50273799002** Collected: 11/18/20 09:20 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 14:17	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 14:17	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 14:17	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 14:17	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 14:17	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 14:17	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 14:17	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 14:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 14:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 14:17	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:17	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:17	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:17	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 14:17	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 14:17	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 14:17	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 14:17	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 14:17	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 14:17	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 14:17	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 14:17	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 14:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 14:17	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 14:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 14:17	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 14:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 14:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 14:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 14:17	75-35-4	
cis-1,2-Dichloroethene	**15.5**	ug/L	5.0	1		11/25/20 14:17	156-59-2	
trans-1,2-Dichloroethene	**22.1**	ug/L	5.0	1		11/25/20 14:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:17	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 14:17	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 14:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 14:17	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 14:17	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 14:17	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 14:17	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-40D **Lab ID: 50273799002** Collected: 11/18/20 09:20 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 14:17	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 14:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 14:17	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 14:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 14:17	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 14:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 14:17	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 14:17	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 14:17	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 14:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 14:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 14:17	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 14:17	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 14:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 14:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 14:17	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 14:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 14:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 14:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 14:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 14:17	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 14:17	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 14:17	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 14:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	75-120	1		11/25/20 14:17	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-116	1		11/25/20 14:17	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/25/20 14:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-39 **Lab ID: 50273799003** Collected: 11/18/20 10:10 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 14:49	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 14:49	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 14:49	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 14:49	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 14:49	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 14:49	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 14:49	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 14:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 14:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 14:49	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:49	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:49	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:49	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 14:49	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 14:49	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 14:49	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 14:49	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 14:49	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 14:49	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 14:49	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 14:49	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 14:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 14:49	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 14:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 14:49	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 14:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 14:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 14:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 14:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 14:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 14:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:49	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 14:49	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 14:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 14:49	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 14:49	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 14:49	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 14:49	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-39 **Lab ID: 50273799003** Collected: 11/18/20 10:10 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 14:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 14:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 14:49	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 14:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 14:49	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 14:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 14:49	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 14:49	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 14:49	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 14:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 14:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 14:49	79-34-5	
Tetrachloroethene	**8.0**	ug/L	5.0	1		11/25/20 14:49	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 14:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 14:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 14:49	79-00-5	
Trichloroethene	**12.4**	ug/L	5.0	1		11/25/20 14:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 14:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 14:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 14:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 14:49	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 14:49	108-05-4	
Vinyl chloride	**9.9**	ug/L	2.0	1		11/25/20 14:49	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 14:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	75-120	1		11/25/20 14:49	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/25/20 14:49	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/25/20 14:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-39D **Lab ID: 50273799004** Collected: 11/18/20 11:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 15:21	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 15:21	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 15:21	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 15:21	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 15:21	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 15:21	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 15:21	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 15:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 15:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 15:21	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:21	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:21	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:21	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 15:21	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 15:21	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 15:21	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 15:21	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 15:21	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 15:21	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 15:21	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 15:21	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 15:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 15:21	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 15:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 15:21	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 15:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 15:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 15:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:21	75-35-4	
cis-1,2-Dichloroethene	**10.9**	ug/L	5.0	1		11/25/20 15:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:21	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 15:21	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 15:21	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 15:21	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 15:21	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 15:21	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 15:21	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-39D **Lab ID: 50273799004** Collected: 11/18/20 11:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 15:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 15:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 15:21	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 15:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 15:21	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 15:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 15:21	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 15:21	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 15:21	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 15:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 15:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 15:21	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 15:21	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 15:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 15:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 15:21	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 15:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 15:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 15:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 15:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 15:21	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 15:21	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 15:21	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 15:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	75-120	1		11/25/20 15:21	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/25/20 15:21	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/25/20 15:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-37 **Lab ID: 50273799005** Collected: 11/18/20 11:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 15:53	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 15:53	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 15:53	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 15:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 15:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 15:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 15:53	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 15:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 15:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 15:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:53	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:53	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 15:53	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 15:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 15:53	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 15:53	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 15:53	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 15:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 15:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 15:53	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 15:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 15:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 15:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 15:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 15:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 15:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 15:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:53	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 15:53	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 15:53	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 15:53	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 15:53	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 15:53	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 15:53	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-37 **Lab ID: 50273799005** Collected: 11/18/20 11:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 15:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 15:53	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 15:53	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 15:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 15:53	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 15:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 15:53	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 15:53	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 15:53	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 15:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 15:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 15:53	79-34-5	
Tetrachloroethene	**23.8**	ug/L	5.0	1		11/25/20 15:53	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 15:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 15:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 15:53	79-00-5	
Trichloroethene	**23.5**	ug/L	5.0	1		11/25/20 15:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 15:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 15:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 15:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 15:53	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 15:53	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 15:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 15:53	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	75-120	1		11/25/20 15:53	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/25/20 15:53	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/25/20 15:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-37D **Lab ID: 50273799006** Collected: 11/18/20 12:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 16:25	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 16:25	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 16:25	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 16:25	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 16:25	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 16:25	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 16:25	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 16:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 16:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 16:25	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:25	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:25	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:25	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 16:25	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 16:25	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 16:25	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 16:25	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 16:25	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 16:25	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 16:25	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 16:25	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 16:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 16:25	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 16:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 16:25	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 16:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 16:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 16:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:25	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 16:25	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 16:25	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 16:25	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 16:25	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 16:25	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 16:25	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-37D **Lab ID: 50273799006** Collected: 11/18/20 12:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 16:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 16:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 16:25	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 16:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 16:25	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 16:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 16:25	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 16:25	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 16:25	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 16:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 16:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 16:25	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 16:25	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 16:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 16:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 16:25	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 16:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 16:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 16:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 16:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 16:25	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 16:25	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 16:25	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 16:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	75-120	1		11/25/20 16:25	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-116	1		11/25/20 16:25	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/25/20 16:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-16 **Lab ID: 50273799007** Collected: 11/18/20 14:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 16:57	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 16:57	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 16:57	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 16:57	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 16:57	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 16:57	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 16:57	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 16:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 16:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 16:57	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:57	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:57	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:57	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 16:57	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 16:57	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 16:57	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 16:57	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 16:57	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 16:57	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 16:57	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 16:57	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 16:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 16:57	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 16:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 16:57	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 16:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 16:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 16:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:57	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 16:57	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 16:57	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 16:57	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 16:57	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 16:57	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 16:57	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-16 **Lab ID: 50273799007** Collected: 11/18/20 14:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 16:57	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 16:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 16:57	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 16:57	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 16:57	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 16:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 16:57	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 16:57	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 16:57	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 16:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 16:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 16:57	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 16:57	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 16:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 16:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 16:57	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 16:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 16:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 16:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 16:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 16:57	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 16:57	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 16:57	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 16:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	75-120	1		11/25/20 16:57	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	85-116	1		11/25/20 16:57	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/25/20 16:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-28 **Lab ID: 50273799008** Collected: 11/18/20 15:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 17:29	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 17:29	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 17:29	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 17:29	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 17:29	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 17:29	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 17:29	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 17:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 17:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 17:29	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 17:29	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 17:29	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 17:29	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 17:29	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 17:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 17:29	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 17:29	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 17:29	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 17:29	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 17:29	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 17:29	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 17:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 17:29	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 17:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 17:29	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 17:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 17:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 17:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 17:29	75-35-4	
cis-1,2-Dichloroethene	**56.8**	ug/L	5.0	1		11/25/20 17:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 17:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 17:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 17:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 17:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 17:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 17:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 17:29	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 17:29	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 17:29	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 17:29	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 17:29	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 17:29	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 17:29	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-28 **Lab ID: 50273799008** Collected: 11/18/20 15:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 17:29	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 17:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 17:29	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 17:29	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 17:29	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 17:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 17:29	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 17:29	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 17:29	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 17:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 17:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 17:29	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 17:29	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 17:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 17:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 17:29	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 17:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 17:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 17:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 17:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 17:29	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 17:29	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 17:29	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 17:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	75-120	1		11/25/20 17:29	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	85-116	1		11/25/20 17:29	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/25/20 17:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-43 **Lab ID: 50273799009** Collected: 11/18/20 16:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 18:01	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 18:01	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 18:01	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 18:01	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 18:01	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 18:01	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 18:01	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 18:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 18:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 18:01	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 18:01	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 18:01	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 18:01	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 18:01	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 18:01	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 18:01	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 18:01	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 18:01	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 18:01	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 18:01	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 18:01	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 18:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 18:01	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 18:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 18:01	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 18:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 18:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 18:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 18:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 18:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 18:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 18:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 18:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 18:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 18:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 18:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 18:01	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 18:01	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 18:01	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 18:01	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 18:01	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 18:01	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 18:01	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-43 **Lab ID: 50273799009** Collected: 11/18/20 16:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 18:01	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 18:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 18:01	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 18:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 18:01	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 18:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 18:01	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 18:01	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 18:01	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 18:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 18:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 18:01	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 18:01	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 18:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 18:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 18:01	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 18:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 18:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 18:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 18:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 18:01	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 18:01	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 18:01	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 18:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	75-120	1		11/25/20 18:01	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/25/20 18:01	460-00-4	
Toluene-d8 (S)	99	%.	83-111	1		11/25/20 18:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-43D **Lab ID: 50273799010** Collected: 11/18/20 17:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 18:34	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 18:34	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 18:34	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 18:34	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 18:34	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 18:34	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 18:34	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 18:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 18:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 18:34	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 18:34	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 18:34	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 18:34	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 18:34	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 18:34	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 18:34	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 18:34	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 18:34	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 18:34	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 18:34	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 18:34	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 18:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 18:34	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 18:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 18:34	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 18:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 18:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 18:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 18:34	75-35-4	
cis-1,2-Dichloroethene	**16.7**	ug/L	5.0	1		11/25/20 18:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 18:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 18:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 18:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 18:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 18:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 18:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 18:34	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 18:34	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 18:34	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 18:34	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 18:34	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 18:34	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 18:34	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-43D **Lab ID: 50273799010** Collected: 11/18/20 17:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 18:34	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 18:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 18:34	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 18:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 18:34	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 18:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 18:34	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 18:34	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 18:34	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 18:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 18:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 18:34	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 18:34	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 18:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 18:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 18:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 18:34	79-00-5	
Trichloroethene	**7.1**	ug/L	5.0	1		11/25/20 18:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 18:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 18:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 18:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 18:34	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 18:34	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 18:34	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 18:34	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	75-120	1		11/25/20 18:34	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-116	1		11/25/20 18:34	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/25/20 18:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-34 **Lab ID: 50273799011** Collected: 11/18/20 10:15 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 19:06	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 19:06	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 19:06	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 19:06	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 19:06	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 19:06	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 19:06	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 19:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 19:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 19:06	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:06	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:06	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:06	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 19:06	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 19:06	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 19:06	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 19:06	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 19:06	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 19:06	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 19:06	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 19:06	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 19:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 19:06	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 19:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 19:06	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 19:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 19:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 19:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:06	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 19:06	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 19:06	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 19:06	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 19:06	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 19:06	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 19:06	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-34 **Lab ID: 50273799011** Collected: 11/18/20 10:15 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 19:06	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 19:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 19:06	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 19:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 19:06	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 19:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 19:06	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 19:06	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 19:06	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 19:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 19:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 19:06	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 19:06	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 19:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 19:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 19:06	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 19:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 19:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 19:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 19:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 19:06	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 19:06	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 19:06	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 19:06	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	75-120	1		11/25/20 19:06	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/25/20 19:06	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/25/20 19:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-34D **Lab ID: 50273799012** Collected: 11/18/20 10:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 19:38	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 19:38	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 19:38	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 19:38	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 19:38	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 19:38	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 19:38	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 19:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 19:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 19:38	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:38	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:38	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:38	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 19:38	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 19:38	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 19:38	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 19:38	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 19:38	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 19:38	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 19:38	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 19:38	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 19:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 19:38	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 19:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 19:38	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 19:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 19:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 19:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:38	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 19:38	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 19:38	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 19:38	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 19:38	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 19:38	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 19:38	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-34D **Lab ID: 50273799012** Collected: 11/18/20 10:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 19:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 19:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 19:38	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 19:38	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 19:38	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 19:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 19:38	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 19:38	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 19:38	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 19:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 19:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 19:38	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 19:38	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 19:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 19:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 19:38	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 19:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 19:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 19:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 19:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 19:38	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 19:38	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 19:38	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 19:38	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	75-120	1		11/25/20 19:38	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/25/20 19:38	460-00-4	
Toluene-d8 (S)	100	%.	83-111	1		11/25/20 19:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-35 **Lab ID: 50273799013** Collected: 11/18/20 11:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 20:10	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 20:10	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 20:10	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 20:10	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 20:10	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 20:10	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 20:10	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 20:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 20:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 20:10	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:10	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:10	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:10	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 20:10	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 20:10	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 20:10	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 20:10	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 20:10	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 20:10	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 20:10	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 20:10	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 20:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 20:10	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 20:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 20:10	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 20:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 20:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 20:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:10	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 20:10	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 20:10	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 20:10	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 20:10	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 20:10	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 20:10	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-35 **Lab ID: 50273799013** Collected: 11/18/20 11:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 20:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 20:10	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 20:10	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 20:10	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 20:10	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 20:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 20:10	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 20:10	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 20:10	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 20:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 20:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 20:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 20:10	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 20:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 20:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 20:10	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 20:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 20:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 20:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 20:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 20:10	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 20:10	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 20:10	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 20:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-120	1		11/25/20 20:10	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	85-116	1		11/25/20 20:10	460-00-4	
Toluene-d8 (S)	99	%.	83-111	1		11/25/20 20:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-35D **Lab ID: 50273799014** Collected: 11/18/20 12:15 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 20:42	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 20:42	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 20:42	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 20:42	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 20:42	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 20:42	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 20:42	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 20:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 20:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 20:42	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:42	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:42	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:42	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 20:42	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 20:42	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 20:42	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 20:42	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 20:42	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 20:42	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 20:42	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 20:42	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 20:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 20:42	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 20:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 20:42	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 20:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 20:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 20:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:42	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 20:42	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 20:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 20:42	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 20:42	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 20:42	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 20:42	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-35D **Lab ID: 50273799014** Collected: 11/18/20 12:15 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 20:42	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 20:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 20:42	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 20:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 20:42	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 20:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 20:42	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 20:42	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 20:42	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 20:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 20:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 20:42	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 20:42	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 20:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 20:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 20:42	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 20:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 20:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 20:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 20:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 20:42	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 20:42	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 20:42	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 20:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-120	1		11/25/20 20:42	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-116	1		11/25/20 20:42	460-00-4	
Toluene-d8 (S)	99	%.	83-111	1		11/25/20 20:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-36 **Lab ID: 50273799015** Collected: 11/18/20 13:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 21:14	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 21:14	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 21:14	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 21:14	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 21:14	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 21:14	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 21:14	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 21:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 21:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 21:14	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 21:14	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 21:14	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 21:14	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 21:14	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 21:14	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 21:14	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 21:14	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 21:14	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 21:14	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 21:14	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 21:14	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 21:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 21:14	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 21:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 21:14	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 21:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 21:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 21:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 21:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 21:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 21:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 21:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 21:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 21:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 21:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 21:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 21:14	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 21:14	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 21:14	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 21:14	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 21:14	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 21:14	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 21:14	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-36 **Lab ID: 50273799015** Collected: 11/18/20 13:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 21:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 21:14	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 21:14	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 21:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 21:14	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 21:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 21:14	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 21:14	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 21:14	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 21:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 21:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 21:14	79-34-5	
Tetrachloroethene	**11.9**	ug/L	5.0	1		11/25/20 21:14	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 21:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 21:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 21:14	79-00-5	
Trichloroethene	**39.2**	ug/L	5.0	1		11/25/20 21:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 21:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 21:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 21:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 21:14	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 21:14	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 21:14	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 21:14	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-120	1		11/25/20 21:14	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-116	1		11/25/20 21:14	460-00-4	
Toluene-d8 (S)	99	%.	83-111	1		11/25/20 21:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-36D **Lab ID: 50273799016** Collected: 11/18/20 13:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 21:46	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 21:46	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 21:46	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 21:46	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 21:46	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 21:46	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 21:46	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 21:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 21:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 21:46	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 21:46	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 21:46	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 21:46	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 21:46	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 21:46	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 21:46	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 21:46	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 21:46	67-66-3	M1
Chloromethane	ND	ug/L	5.0	1		11/25/20 21:46	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 21:46	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 21:46	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 21:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 21:46	106-93-4	M1
Dibromomethane	ND	ug/L	5.0	1		11/25/20 21:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 21:46	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 21:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 21:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 21:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 21:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 21:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 21:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 21:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 21:46	142-28-9	M1
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 21:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 21:46	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 21:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 21:46	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 21:46	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 21:46	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 21:46	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 21:46	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 21:46	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 21:46	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-36D **Lab ID: 50273799016** Collected: 11/18/20 13:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 21:46	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 21:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 21:46	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 21:46	90-12-0	M1
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 21:46	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 21:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 21:46	1634-04-4	M1
Naphthalene	ND	ug/L	1.7	1		11/25/20 21:46	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 21:46	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 21:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 21:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 21:46	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 21:46	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 21:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 21:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 21:46	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 21:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 21:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 21:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 21:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 21:46	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 21:46	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 21:46	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 21:46	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-120	1		11/25/20 21:46	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	85-116	1		11/25/20 21:46	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/25/20 21:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-15 **Lab ID: 50273799017** Collected: 11/18/20 15:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 22:50	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 22:50	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 22:50	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 22:50	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 22:50	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 22:50	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 22:50	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 22:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 22:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 22:50	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 22:50	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 22:50	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 22:50	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 22:50	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 22:50	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 22:50	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 22:50	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 22:50	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 22:50	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 22:50	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 22:50	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 22:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 22:50	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 22:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 22:50	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 22:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 22:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 22:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 22:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 22:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 22:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 22:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 22:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 22:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 22:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 22:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 22:50	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 22:50	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 22:50	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 22:50	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 22:50	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 22:50	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 22:50	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-15 **Lab ID: 50273799017** Collected: 11/18/20 15:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 22:50	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 22:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 22:50	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 22:50	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 22:50	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 22:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 22:50	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 22:50	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 22:50	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 22:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 22:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 22:50	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 22:50	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 22:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 22:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 22:50	79-00-5	
Trichloroethene	**32.6**	ug/L	5.0	1		11/25/20 22:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 22:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 22:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 22:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 22:50	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 22:50	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 22:50	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 22:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-120	1		11/25/20 22:50	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-116	1		11/25/20 22:50	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/25/20 22:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-15D **Lab ID: 50273799018** Collected: 11/18/20 15:45 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 14:01	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 14:01	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 14:01	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 14:01	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 14:01	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 14:01	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 14:01	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 14:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 14:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 14:01	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:01	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:01	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:01	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 14:01	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 14:01	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 14:01	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 14:01	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 14:01	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 14:01	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 14:01	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 14:01	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 14:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 14:01	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 14:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 14:01	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 14:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 14:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 14:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 14:01	75-35-4	
cis-1,2-Dichloroethene	**588**	ug/L	50.0	10		11/29/20 19:15	156-59-2	
trans-1,2-Dichloroethene	**54.2**	ug/L	5.0	1		11/25/20 14:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:01	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 14:01	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 14:01	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 14:01	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 14:01	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 14:01	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 14:01	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-15D **Lab ID: 50273799018** Collected: 11/18/20 15:45 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 14:01	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 14:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 14:01	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 14:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 14:01	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 14:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 14:01	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 14:01	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 14:01	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 14:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 14:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 14:01	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 14:01	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 14:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 14:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 14:01	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 14:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 14:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 14:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 14:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 14:01	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 14:01	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 14:01	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 14:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	75-120	1		11/25/20 14:01	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	85-116	1		11/25/20 14:01	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/25/20 14:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-14 **Lab ID: 50273799019** Collected: 11/18/20 16:25 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 14:33	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 14:33	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 14:33	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 14:33	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 14:33	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 14:33	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 14:33	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 14:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 14:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 14:33	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:33	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:33	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 14:33	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 14:33	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 14:33	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 14:33	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 14:33	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 14:33	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 14:33	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 14:33	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 14:33	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 14:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 14:33	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 14:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 14:33	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 14:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 14:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 14:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 14:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 14:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 14:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 14:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 14:33	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 14:33	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 14:33	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 14:33	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 14:33	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 14:33	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 14:33	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-14 **Lab ID: 50273799019** Collected: 11/18/20 16:25 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 14:33	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 14:33	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 14:33	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 14:33	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 14:33	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 14:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 14:33	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 14:33	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 14:33	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 14:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 14:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 14:33	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 14:33	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 14:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 14:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 14:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 14:33	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 14:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 14:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 14:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 14:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 14:33	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 14:33	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 14:33	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 14:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	75-120	1		11/25/20 14:33	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	85-116	1		11/25/20 14:33	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/25/20 14:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-14D **Lab ID: 50273799020** Collected: 11/18/20 17:10 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 15:05	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 15:05	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 15:05	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 15:05	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 15:05	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 15:05	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 15:05	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 15:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 15:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 15:05	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:05	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:05	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:05	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 15:05	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 15:05	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 15:05	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 15:05	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 15:05	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 15:05	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 15:05	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 15:05	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 15:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 15:05	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 15:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 15:05	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 15:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 15:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 15:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:05	75-35-4	
cis-1,2-Dichloroethene	**23.5**	ug/L	5.0	1		11/25/20 15:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:05	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 15:05	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 15:05	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 15:05	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 15:05	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 15:05	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 15:05	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-14D **Lab ID: 50273799020** Collected: 11/18/20 17:10 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 15:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 15:05	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 15:05	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 15:05	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 15:05	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 15:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 15:05	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 15:05	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 15:05	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 15:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 15:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 15:05	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 15:05	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 15:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 15:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 15:05	79-00-5	
Trichloroethene	**439**	ug/L	50.0	10		11/29/20 19:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 15:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 15:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 15:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 15:05	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 15:05	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 15:05	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 15:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	75-120	1		11/25/20 15:05	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	85-116	1		11/25/20 15:05	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/25/20 15:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-44 **Lab ID: 50273799021** Collected: 11/19/20 09:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 15:37	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 15:37	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 15:37	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 15:37	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 15:37	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 15:37	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 15:37	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 15:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 15:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 15:37	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:37	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:37	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 15:37	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 15:37	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 15:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 15:37	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 15:37	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 15:37	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 15:37	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 15:37	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 15:37	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 15:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 15:37	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 15:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 15:37	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 15:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 15:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 15:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 15:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 15:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 15:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 15:37	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 15:37	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 15:37	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 15:37	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 15:37	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 15:37	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-44 **Lab ID: 50273799021** Collected: 11/19/20 09:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 15:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 15:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 15:37	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 15:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 15:37	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 15:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 15:37	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 15:37	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 15:37	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 15:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 15:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 15:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 15:37	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 15:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 15:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 15:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 15:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 15:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 15:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 15:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 15:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 15:37	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 15:37	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 15:37	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 15:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	75-120	1		11/25/20 15:37	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	85-116	1		11/25/20 15:37	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/25/20 15:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-44D **Lab ID: 50273799022** Collected: 11/19/20 09:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 16:09	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 16:09	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 16:09	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 16:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 16:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 16:09	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 16:09	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 16:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 16:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 16:09	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:09	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:09	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 16:09	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 16:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 16:09	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 16:09	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 16:09	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 16:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 16:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 16:09	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 16:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 16:09	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 16:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 16:09	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 16:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 16:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 16:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:09	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 16:09	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 16:09	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 16:09	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 16:09	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 16:09	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 16:09	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-44D **Lab ID: 50273799022** Collected: 11/19/20 09:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 16:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 16:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 16:09	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 16:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 16:09	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 16:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 16:09	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 16:09	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 16:09	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 16:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 16:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 16:09	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 16:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 16:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 16:09	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 16:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 16:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 16:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 16:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 16:09	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 16:09	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 16:09	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 16:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	75-120	1		11/25/20 16:09	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/25/20 16:09	460-00-4	
Toluene-d8 (S)	95	%.	83-111	1		11/25/20 16:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-45 **Lab ID: 50273799023** Collected: 11/19/20 11:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 16:41	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 16:41	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 16:41	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 16:41	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 16:41	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 16:41	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 16:41	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 16:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 16:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 16:41	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:41	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:41	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 16:41	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 16:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 16:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 16:41	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 16:41	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 16:41	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 16:41	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 16:41	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 16:41	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 16:41	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 16:41	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 16:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 16:41	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 16:41	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 16:41	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 16:41	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 16:41	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 16:41	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-45 **Lab ID: 50273799023** Collected: 11/19/20 11:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 16:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 16:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 16:41	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 16:41	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 16:41	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 16:41	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 16:41	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 16:41	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 16:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 16:41	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 16:41	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 16:41	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 16:41	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 16:41	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 16:41	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	75-120	1		11/25/20 16:41	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/25/20 16:41	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/25/20 16:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-45D **Lab ID: 50273799024** Collected: 11/19/20 11:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 17:13	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 17:13	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 17:13	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 17:13	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 17:13	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 17:13	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 17:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 17:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 17:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 17:13	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 17:13	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 17:13	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 17:13	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 17:13	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 17:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 17:13	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 17:13	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 17:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 17:13	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 17:13	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 17:13	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 17:13	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 17:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 17:13	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 17:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 17:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 17:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 17:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 17:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 17:13	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 17:13	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 17:13	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 17:13	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 17:13	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 17:13	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 17:13	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-45D **Lab ID: 50273799024** Collected: 11/19/20 11:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 17:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 17:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 17:13	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 17:13	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 17:13	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 17:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 17:13	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 17:13	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 17:13	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 17:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 17:13	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 17:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 17:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 17:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 17:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 17:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 17:13	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 17:13	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 17:13	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 17:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	75-120	1		11/25/20 17:13	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	85-116	1		11/25/20 17:13	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/25/20 17:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-49 **Lab ID: 50273799025** Collected: 11/19/20 12:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 17:45	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 17:45	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 17:45	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 17:45	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 17:45	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 17:45	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 17:45	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 17:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 17:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 17:45	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 17:45	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 17:45	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 17:45	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 17:45	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 17:45	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 17:45	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 17:45	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 17:45	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 17:45	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 17:45	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 17:45	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 17:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 17:45	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 17:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:45	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 17:45	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 17:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 17:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 17:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 17:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 17:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 17:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 17:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 17:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 17:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 17:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 17:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 17:45	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 17:45	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 17:45	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 17:45	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 17:45	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 17:45	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 17:45	74-88-4	R1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-49 **Lab ID: 50273799025** Collected: 11/19/20 12:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 17:45	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 17:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 17:45	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 17:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 17:45	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 17:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 17:45	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 17:45	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 17:45	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 17:45	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 17:45	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 17:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 17:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 17:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 17:45	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 17:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 17:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 17:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 17:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 17:45	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 17:45	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 17:45	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 17:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	75-120	1		11/25/20 17:45	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/25/20 17:45	460-00-4	
Toluene-d8 (S)	96	%.	83-111	1		11/25/20 17:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-49D **Lab ID: 50273799026** Collected: 11/19/20 13:30 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 19:22	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 19:22	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 19:22	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 19:22	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 19:22	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 19:22	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 19:22	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 19:22	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 19:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 19:22	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:22	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:22	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:22	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 19:22	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 19:22	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 19:22	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 19:22	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 19:22	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 19:22	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 19:22	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 19:22	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 19:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 19:22	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 19:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 19:22	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 19:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 19:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 19:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:22	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 19:22	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 19:22	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 19:22	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 19:22	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 19:22	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 19:22	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-49D **Lab ID: 50273799026** Collected: 11/19/20 13:30 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 19:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 19:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 19:22	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 19:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 19:22	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 19:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 19:22	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 19:22	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 19:22	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 19:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 19:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 19:22	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 19:22	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 19:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 19:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 19:22	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 19:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 19:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 19:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 19:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 19:22	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 19:22	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 19:22	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 19:22	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	75-120	1		11/25/20 19:22	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-116	1		11/25/20 19:22	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/25/20 19:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-48 **Lab ID: 50273799027** Collected: 11/19/20 14:20 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 19:54	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 19:54	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 19:54	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 19:54	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 19:54	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 19:54	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 19:54	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 19:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 19:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 19:54	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:54	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:54	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 19:54	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 19:54	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 19:54	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 19:54	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 19:54	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 19:54	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 19:54	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 19:54	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 19:54	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 19:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 19:54	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 19:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 19:54	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 19:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 19:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 19:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 19:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 19:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 19:54	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 19:54	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 19:54	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 19:54	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 19:54	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 19:54	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 19:54	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-48 **Lab ID: 50273799027** Collected: 11/19/20 14:20 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 19:54	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 19:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 19:54	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 19:54	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 19:54	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 19:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 19:54	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 19:54	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 19:54	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 19:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 19:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 19:54	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 19:54	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 19:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 19:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 19:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 19:54	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 19:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 19:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 19:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 19:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 19:54	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 19:54	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 19:54	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 19:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-120	1		11/25/20 19:54	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/25/20 19:54	460-00-4	
Toluene-d8 (S)	100	%.	83-111	1		11/25/20 19:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-48D **Lab ID: 50273799028** Collected: 11/19/20 15:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 20:26	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 20:26	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 20:26	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 20:26	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 20:26	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 20:26	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 20:26	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 20:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 20:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 20:26	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:26	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:26	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:26	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 20:26	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 20:26	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 20:26	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 20:26	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 20:26	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 20:26	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 20:26	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 20:26	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 20:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 20:26	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 20:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 20:26	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 20:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 20:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 20:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:26	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 20:26	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 20:26	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 20:26	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 20:26	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 20:26	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 20:26	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-48D **Lab ID: 50273799028** Collected: 11/19/20 15:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 20:26	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 20:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 20:26	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 20:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 20:26	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 20:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 20:26	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 20:26	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 20:26	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 20:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 20:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 20:26	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 20:26	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 20:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 20:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 20:26	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 20:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 20:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 20:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 20:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 20:26	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 20:26	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 20:26	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 20:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	75-120	1		11/25/20 20:26	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	85-116	1		11/25/20 20:26	460-00-4	
Toluene-d8 (S)	97	%.	83-111	1		11/25/20 20:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-46 **Lab ID: 50273799029** Collected: 11/19/20 11:55 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 20:58	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 20:58	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 20:58	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 20:58	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 20:58	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 20:58	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 20:58	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 20:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 20:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 20:58	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:58	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:58	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 20:58	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 20:58	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 20:58	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 20:58	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 20:58	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 20:58	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 20:58	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 20:58	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 20:58	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 20:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 20:58	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 20:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 20:58	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 20:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 20:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 20:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 20:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 20:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 20:58	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 20:58	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 20:58	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 20:58	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 20:58	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 20:58	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 20:58	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-46 **Lab ID: 50273799029** Collected: 11/19/20 11:55 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 20:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 20:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 20:58	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 20:58	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 20:58	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 20:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 20:58	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 20:58	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 20:58	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 20:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 20:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 20:58	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 20:58	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 20:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 20:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 20:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 20:58	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 20:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 20:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 20:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 20:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 20:58	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 20:58	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 20:58	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 20:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	75-120	1		11/25/20 20:58	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	85-116	1		11/25/20 20:58	460-00-4	
Toluene-d8 (S)	99	%.	83-111	1		11/25/20 20:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-46I **Lab ID: 50273799030** Collected: 11/19/20 11:15 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 21:30	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 21:30	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 21:30	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 21:30	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 21:30	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 21:30	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 21:30	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 21:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 21:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 21:30	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 21:30	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 21:30	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 21:30	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 21:30	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 21:30	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 21:30	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 21:30	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 21:30	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 21:30	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 21:30	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 21:30	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 21:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 21:30	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 21:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 21:30	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 21:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 21:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 21:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 21:30	75-35-4	
cis-1,2-Dichloroethene	**43.1**	ug/L	5.0	1		11/25/20 21:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 21:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 21:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 21:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 21:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 21:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 21:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 21:30	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 21:30	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 21:30	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 21:30	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 21:30	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 21:30	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 21:30	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-46I **Lab ID: 50273799030** Collected: 11/19/20 11:15 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 21:30	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 21:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 21:30	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 21:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 21:30	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 21:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 21:30	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 21:30	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 21:30	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 21:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 21:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 21:30	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 21:30	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 21:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 21:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 21:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 21:30	79-00-5	
Trichloroethene	**35.7**	ug/L	5.0	1		11/25/20 21:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 21:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 21:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 21:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 21:30	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 21:30	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 21:30	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 21:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	75-120	1		11/25/20 21:30	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	85-116	1		11/25/20 21:30	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/25/20 21:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-46D **Lab ID: 50273799031** Collected: 11/19/20 10:25 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 22:02	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 22:02	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 22:02	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 22:02	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 22:02	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 22:02	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 22:02	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 22:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 22:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 22:02	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 22:02	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 22:02	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 22:02	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 22:02	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 22:02	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 22:02	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 22:02	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 22:02	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 22:02	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 22:02	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 22:02	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 22:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 22:02	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 22:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 22:02	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 22:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 22:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 22:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 22:02	75-35-4	
cis-1,2-Dichloroethene	**52.5**	ug/L	5.0	1		11/25/20 22:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 22:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 22:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 22:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 22:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 22:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 22:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 22:02	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 22:02	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 22:02	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 22:02	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 22:02	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 22:02	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 22:02	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-46D **Lab ID: 50273799031** Collected: 11/19/20 10:25 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 22:02	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 22:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 22:02	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 22:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 22:02	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 22:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 22:02	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 22:02	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 22:02	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 22:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 22:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 22:02	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 22:02	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 22:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 22:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 22:02	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 22:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 22:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 22:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 22:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 22:02	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 22:02	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 22:02	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 22:02	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	75-120	1		11/25/20 22:02	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	85-116	1		11/25/20 22:02	460-00-4	
Toluene-d8 (S)	99	%.	83-111	1		11/25/20 22:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-47 **Lab ID: 50273799032** Collected: 11/19/20 14:25 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 22:34	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 22:34	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 22:34	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 22:34	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 22:34	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 22:34	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 22:34	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 22:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 22:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 22:34	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 22:34	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 22:34	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 22:34	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 22:34	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 22:34	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 22:34	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 22:34	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 22:34	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 22:34	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 22:34	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 22:34	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 22:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 22:34	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 22:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 22:34	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 22:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 22:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 22:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 22:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 22:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 22:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 22:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 22:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 22:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 22:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 22:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 22:34	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 22:34	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 22:34	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 22:34	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 22:34	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 22:34	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 22:34	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-47 **Lab ID: 50273799032** Collected: 11/19/20 14:25 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 22:34	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 22:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 22:34	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 22:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 22:34	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 22:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 22:34	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 22:34	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 22:34	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 22:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 22:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 22:34	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 22:34	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 22:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 22:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 22:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 22:34	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 22:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 22:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 22:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 22:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 22:34	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 22:34	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 22:34	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 22:34	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	75-120	1		11/25/20 22:34	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	85-116	1		11/25/20 22:34	460-00-4	
Toluene-d8 (S)	99	%.	83-111	1		11/25/20 22:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-47I **Lab ID: 50273799033** Collected: 11/19/20 13:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 23:06	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 23:06	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 23:06	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 23:06	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 23:06	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 23:06	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 23:06	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 23:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 23:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 23:06	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 23:06	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 23:06	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 23:06	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 23:06	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 23:06	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 23:06	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 23:06	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 23:06	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 23:06	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 23:06	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 23:06	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 23:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 23:06	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 23:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 23:06	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 23:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 23:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 23:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 23:06	75-35-4	
cis-1,2-Dichloroethene	**9.9**	ug/L	5.0	1		11/25/20 23:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 23:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 23:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 23:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 23:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 23:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 23:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 23:06	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 23:06	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 23:06	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 23:06	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 23:06	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 23:06	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 23:06	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-47I **Lab ID: 50273799033** Collected: 11/19/20 13:40 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 23:06	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 23:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 23:06	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 23:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 23:06	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 23:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 23:06	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 23:06	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 23:06	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 23:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 23:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 23:06	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 23:06	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 23:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 23:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 23:06	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 23:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 23:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 23:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 23:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 23:06	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 23:06	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 23:06	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 23:06	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	75-120	1		11/25/20 23:06	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	85-116	1		11/25/20 23:06	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/25/20 23:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-47D **Lab ID: 50273799034** Collected: 11/19/20 12:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/25/20 23:38	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/25/20 23:38	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/25/20 23:38	107-13-1	
Benzene	ND	ug/L	5.0	1		11/25/20 23:38	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/25/20 23:38	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/25/20 23:38	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/25/20 23:38	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/25/20 23:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/25/20 23:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/25/20 23:38	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/25/20 23:38	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/25/20 23:38	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/25/20 23:38	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/25/20 23:38	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/25/20 23:38	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/25/20 23:38	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/25/20 23:38	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/25/20 23:38	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/25/20 23:38	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 23:38	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/25/20 23:38	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/25/20 23:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/25/20 23:38	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/25/20 23:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/25/20 23:38	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/25/20 23:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/25/20 23:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/25/20 23:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/25/20 23:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 23:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/25/20 23:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 23:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/25/20 23:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/25/20 23:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/25/20 23:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 23:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/25/20 23:38	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/25/20 23:38	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/25/20 23:38	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/25/20 23:38	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/25/20 23:38	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/25/20 23:38	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/25/20 23:38	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: MW-47D **Lab ID: 50273799034** Collected: 11/19/20 12:50 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/25/20 23:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/25/20 23:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/25/20 23:38	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 23:38	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		11/25/20 23:38	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/25/20 23:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/25/20 23:38	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/25/20 23:38	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/25/20 23:38	103-65-1	
Styrene	ND	ug/L	5.0	1		11/25/20 23:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 23:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/25/20 23:38	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/25/20 23:38	127-18-4	
Toluene	ND	ug/L	5.0	1		11/25/20 23:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/25/20 23:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/25/20 23:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/25/20 23:38	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/25/20 23:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/25/20 23:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/25/20 23:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 23:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/25/20 23:38	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/25/20 23:38	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/25/20 23:38	75-01-4	L1
Xylene (Total)	ND	ug/L	10.0	1		11/25/20 23:38	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	75-120	1		11/25/20 23:38	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	85-116	1		11/25/20 23:38	460-00-4	
Toluene-d8 (S)	99	%.	83-111	1		11/25/20 23:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: DUP-3 **Lab ID: 50273799035** Collected: 11/19/20 08:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/26/20 09:16	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/26/20 09:16	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/26/20 09:16	107-13-1	
Benzene	ND	ug/L	5.0	1		11/26/20 09:16	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/26/20 09:16	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/26/20 09:16	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/26/20 09:16	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/26/20 09:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/26/20 09:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/26/20 09:16	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/26/20 09:16	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/26/20 09:16	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/26/20 09:16	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/26/20 09:16	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/26/20 09:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/26/20 09:16	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/26/20 09:16	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/26/20 09:16	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/26/20 09:16	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/26/20 09:16	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/26/20 09:16	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/26/20 09:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/26/20 09:16	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/26/20 09:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/26/20 09:16	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/26/20 09:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/26/20 09:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/26/20 09:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/26/20 09:16	75-35-4	
cis-1,2-Dichloroethene	**51.8**	ug/L	5.0	1		11/26/20 09:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/26/20 09:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/26/20 09:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/26/20 09:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/26/20 09:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/26/20 09:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/26/20 09:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/26/20 09:16	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/26/20 09:16	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/26/20 09:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/26/20 09:16	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/26/20 09:16	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/26/20 09:16	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/26/20 09:16	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: DUP-3 **Lab ID: 50273799035** Collected: 11/19/20 08:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/26/20 09:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/26/20 09:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/26/20 09:16	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/26/20 09:16	90-12-0	L2
2-Methylnaphthalene	ND	ug/L	10.0	1		11/26/20 09:16	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/26/20 09:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/26/20 09:16	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/26/20 09:16	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/26/20 09:16	103-65-1	
Styrene	ND	ug/L	5.0	1		11/26/20 09:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/26/20 09:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/26/20 09:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/26/20 09:16	127-18-4	
Toluene	ND	ug/L	5.0	1		11/26/20 09:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/26/20 09:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/26/20 09:16	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/26/20 09:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/26/20 09:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/26/20 09:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/26/20 09:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/26/20 09:16	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/26/20 09:16	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/26/20 09:16	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/26/20 09:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	75-120	1		11/26/20 09:16	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	85-116	1		11/26/20 09:16	460-00-4	
Toluene-d8 (S)	98	%.	83-111	1		11/26/20 09:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: TRIP BLANK **Lab ID: 50273799036** Collected: 11/18/20 08:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		11/26/20 09:48	67-64-1	
Acrolein	ND	ug/L	50.0	1		11/26/20 09:48	107-02-8	
Acrylonitrile	ND	ug/L	100	1		11/26/20 09:48	107-13-1	
Benzene	ND	ug/L	5.0	1		11/26/20 09:48	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		11/26/20 09:48	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		11/26/20 09:48	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		11/26/20 09:48	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/26/20 09:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/26/20 09:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/26/20 09:48	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		11/26/20 09:48	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		11/26/20 09:48	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		11/26/20 09:48	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		11/26/20 09:48	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/26/20 09:48	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/26/20 09:48	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/26/20 09:48	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/26/20 09:48	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/26/20 09:48	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		11/26/20 09:48	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		11/26/20 09:48	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		11/26/20 09:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/26/20 09:48	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		11/26/20 09:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		11/26/20 09:48	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/26/20 09:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/26/20 09:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/26/20 09:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/26/20 09:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/26/20 09:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/26/20 09:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/26/20 09:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		11/26/20 09:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		11/26/20 09:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		11/26/20 09:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/26/20 09:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/26/20 09:48	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/26/20 09:48	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		11/26/20 09:48	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		11/26/20 09:48	87-68-3	
n-Hexane	ND	ug/L	5.0	1		11/26/20 09:48	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		11/26/20 09:48	591-78-6	
Iodomethane	ND	ug/L	10.0	1		11/26/20 09:48	74-88-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Sample: TRIP BLANK **Lab ID: 50273799036** Collected: 11/18/20 08:00 Received: 11/19/20 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/26/20 09:48	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		11/26/20 09:48	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		11/26/20 09:48	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		11/26/20 09:48	90-12-0	L2
2-Methylnaphthalene	ND	ug/L	10.0	1		11/26/20 09:48	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/26/20 09:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/26/20 09:48	1634-04-4	
Naphthalene	ND	ug/L	1.7	1		11/26/20 09:48	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		11/26/20 09:48	103-65-1	
Styrene	ND	ug/L	5.0	1		11/26/20 09:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		11/26/20 09:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/26/20 09:48	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/26/20 09:48	127-18-4	
Toluene	ND	ug/L	5.0	1		11/26/20 09:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/26/20 09:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/26/20 09:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/26/20 09:48	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/26/20 09:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/26/20 09:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		11/26/20 09:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		11/26/20 09:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		11/26/20 09:48	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		11/26/20 09:48	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		11/26/20 09:48	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		11/26/20 09:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	75-120	1		11/26/20 09:48	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	85-116	1		11/26/20 09:48	460-00-4	
Toluene-d8 (S)	99	%.	83-111	1		11/26/20 09:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

QC Batch: 595253
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50273799001, 50273799002, 50273799003, 50273799004, 50273799005, 50273799006, 50273799007, 50273799008, 50273799009, 50273799010, 50273799011, 50273799012, 50273799013, 50273799014, 50273799015, 50273799016, 50273799017

METHOD BLANK: 2746009
Matrix: Water
Associated Lab Samples: 50273799001, 50273799002, 50273799003, 50273799004, 50273799005, 50273799006, 50273799007, 50273799008, 50273799009, 50273799010, 50273799011, 50273799012, 50273799013, 50273799014, 50273799015, 50273799016, 50273799017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/25/20 13:12	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/25/20 13:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/25/20 13:12	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/25/20 13:12	
1,1-Dichloroethane	ug/L	ND	5.0	11/25/20 13:12	
1,1-Dichloroethene	ug/L	ND	5.0	11/25/20 13:12	
1,1-Dichloropropene	ug/L	ND	5.0	11/25/20 13:12	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/25/20 13:12	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/25/20 13:12	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/25/20 13:12	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/25/20 13:12	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/25/20 13:12	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/25/20 13:12	
1,2-Dichloroethane	ug/L	ND	5.0	11/25/20 13:12	
1,2-Dichloropropane	ug/L	ND	5.0	11/25/20 13:12	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/25/20 13:12	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/25/20 13:12	
1,3-Dichloropropane	ug/L	ND	5.0	11/25/20 13:12	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/25/20 13:12	
1-Methylnaphthalene	ug/L	ND	10.0	11/25/20 13:12	
2,2-Dichloropropane	ug/L	ND	5.0	11/25/20 13:12	
2-Butanone (MEK)	ug/L	ND	25.0	11/25/20 13:12	
2-Chlorotoluene	ug/L	ND	5.0	11/25/20 13:12	
2-Hexanone	ug/L	ND	25.0	11/25/20 13:12	
2-Methylnaphthalene	ug/L	ND	10.0	11/25/20 13:12	
4-Chlorotoluene	ug/L	ND	5.0	11/25/20 13:12	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/25/20 13:12	
Acetone	ug/L	ND	100	11/25/20 13:12	
Acrolein	ug/L	ND	50.0	11/25/20 13:12	
Acrylonitrile	ug/L	ND	100	11/25/20 13:12	
Benzene	ug/L	ND	5.0	11/25/20 13:12	
Bromobenzene	ug/L	ND	5.0	11/25/20 13:12	
Bromochloromethane	ug/L	ND	5.0	11/25/20 13:12	
Bromodichloromethane	ug/L	ND	5.0	11/25/20 13:12	
Bromoform	ug/L	ND	5.0	11/25/20 13:12	
Bromomethane	ug/L	ND	5.0	11/25/20 13:12	
Carbon disulfide	ug/L	ND	10.0	11/25/20 13:12	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

METHOD BLANK: 2746009 Matrix: Water

Associated Lab Samples: 50273799001, 50273799002, 50273799003, 50273799004, 50273799005, 50273799006, 50273799007, 50273799008, 50273799009, 50273799010, 50273799011, 50273799012, 50273799013, 50273799014, 50273799015, 50273799016, 50273799017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon tetrachloride	ug/L	ND	5.0	11/25/20 13:12	
Chlorobenzene	ug/L	ND	5.0	11/25/20 13:12	
Chloroethane	ug/L	ND	5.0	11/25/20 13:12	
Chloroform	ug/L	ND	5.0	11/25/20 13:12	
Chloromethane	ug/L	ND	5.0	11/25/20 13:12	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/25/20 13:12	
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/25/20 13:12	
Dibromochloromethane	ug/L	ND	5.0	11/25/20 13:12	
Dibromomethane	ug/L	ND	5.0	11/25/20 13:12	
Dichlorodifluoromethane	ug/L	ND	5.0	11/25/20 13:12	
Ethyl methacrylate	ug/L	ND	100	11/25/20 13:12	
Ethylbenzene	ug/L	ND	5.0	11/25/20 13:12	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/25/20 13:12	
Iodomethane	ug/L	ND	10.0	11/25/20 13:12	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/25/20 13:12	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/25/20 13:12	
Methylene Chloride	ug/L	ND	5.0	11/25/20 13:12	
n-Butylbenzene	ug/L	ND	5.0	11/25/20 13:12	
n-Hexane	ug/L	ND	5.0	11/25/20 13:12	
n-Propylbenzene	ug/L	ND	5.0	11/25/20 13:12	
Naphthalene	ug/L	ND	1.7	11/25/20 13:12	
p-Isopropyltoluene	ug/L	ND	5.0	11/25/20 13:12	
sec-Butylbenzene	ug/L	ND	5.0	11/25/20 13:12	
Styrene	ug/L	ND	5.0	11/25/20 13:12	
tert-Butylbenzene	ug/L	ND	5.0	11/25/20 13:12	
Tetrachloroethene	ug/L	ND	5.0	11/25/20 13:12	
Toluene	ug/L	ND	5.0	11/25/20 13:12	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/25/20 13:12	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/25/20 13:12	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/25/20 13:12	
Trichloroethene	ug/L	ND	5.0	11/25/20 13:12	
Trichlorofluoromethane	ug/L	ND	5.0	11/25/20 13:12	
Vinyl acetate	ug/L	ND	50.0	11/25/20 13:12	
Vinyl chloride	ug/L	ND	2.0	11/25/20 13:12	
Xylene (Total)	ug/L	ND	10.0	11/25/20 13:12	
4-Bromofluorobenzene (S)	%.	98	85-116	11/25/20 13:12	
Dibromofluoromethane (S)	%.	101	75-120	11/25/20 13:12	
Toluene-d8 (S)	%.	98	83-111	11/25/20 13:12	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

LABORATORY CONTROL SAMPLE: 2746010

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.4	95	78-120	
1,1,1-Trichloroethane	ug/L	50	49.1	98	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.5	105	64-126	
1,1,2-Trichloroethane	ug/L	50	50.6	101	73-125	
1,1-Dichloroethane	ug/L	50	52.2	104	77-123	
1,1-Dichloroethene	ug/L	50	50.8	102	79-128	
1,1-Dichloropropene	ug/L	50	47.6	95	78-120	
1,2,3-Trichlorobenzene	ug/L	50	46.9	94	75-126	
1,2,3-Trichloropropane	ug/L	50	51.5	103	71-131	
1,2,4-Trichlorobenzene	ug/L	50	47.0	94	76-130	
1,2,4-Trimethylbenzene	ug/L	50	49.6	99	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	47.7	95	76-122	
1,2-Dichlorobenzene	ug/L	50	47.8	96	79-113	
1,2-Dichloroethane	ug/L	50	46.4	93	66-127	
1,2-Dichloropropane	ug/L	50	49.2	98	75-127	
1,3,5-Trimethylbenzene	ug/L	50	50.3	101	78-116	
1,3-Dichlorobenzene	ug/L	50	48.8	98	79-120	
1,3-Dichloropropane	ug/L	50	49.8	100	81-121	
1,4-Dichlorobenzene	ug/L	50	47.0	94	77-117	
1-Methylnaphthalene	ug/L	50	33.8	68	65-142	
2,2-Dichloropropane	ug/L	50	48.0	96	56-134	
2-Butanone (MEK)	ug/L	250	265	106	61-138	
2-Chlorotoluene	ug/L	50	48.5	97	73-125	
2-Hexanone	ug/L	250	286	114	58-138	
2-Methylnaphthalene	ug/L	50	35.3	71	60-136	
4-Chlorotoluene	ug/L	50	48.4	97	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	288	115	60-131	
Acetone	ug/L	250	265	106	57-126	
Acrolein	ug/L	250	242	97	56-120	
Acrylonitrile	ug/L	250	247	99	65-127	
Benzene	ug/L	50	50.0	100	75-118	
Bromobenzene	ug/L	50	45.9	92	68-127	
Bromochloromethane	ug/L	50	52.3	105	66-126	
Bromodichloromethane	ug/L	50	47.5	95	75-120	
Bromoform	ug/L	50	51.8	104	61-119	
Bromomethane	ug/L	50	39.4	79	12-184	
Carbon disulfide	ug/L	50	53.0	106	71-123	
Carbon tetrachloride	ug/L	50	48.9	98	73-125	
Chlorobenzene	ug/L	50	48.1	96	80-115	
Chloroethane	ug/L	50	55.0	110	46-133	
Chloroform	ug/L	50	46.6	93	75-117	
Chloromethane	ug/L	50	56.6	113	33-124	
cis-1,2-Dichloroethene	ug/L	50	48.3	97	76-120	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	73-130	
Dibromochloromethane	ug/L	50	48.0	96	69-124	
Dibromomethane	ug/L	50	52.4	105	76-124	
Dichlorodifluoromethane	ug/L	50	57.2	114	36-145	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

LABORATORY CONTROL SAMPLE: 2746010

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethyl methacrylate	ug/L	50	51.3J	103	67-140	
Ethylbenzene	ug/L	50	53.4	107	78-120	
Hexachloro-1,3-butadiene	ug/L	50	47.0	94	79-137	
Iodomethane	ug/L	50	34.7	69	10-184	
Isopropylbenzene (Cumene)	ug/L	50	50.6	101	82-122	
Methyl-tert-butyl ether	ug/L	50	48.8	98	79-125	
Methylene Chloride	ug/L	50	42.1	84	68-126	
n-Butylbenzene	ug/L	50	52.6	105	73-123	
n-Hexane	ug/L	50	57.2	114	71-143	
n-Propylbenzene	ug/L	50	51.6	103	75-119	
Naphthalene	ug/L	50	42.0	84	70-130	
p-Isopropyltoluene	ug/L	50	51.1	102	82-119	
sec-Butylbenzene	ug/L	50	51.4	103	79-119	
Styrene	ug/L	50	50.7	101	80-121	
tert-Butylbenzene	ug/L	50	50.9	102	58-106	
Tetrachloroethene	ug/L	50	46.9	94	70-123	
Toluene	ug/L	50	49.4	99	72-114	
trans-1,2-Dichloroethene	ug/L	50	51.1	102	79-126	
trans-1,3-Dichloropropene	ug/L	50	49.9	100	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	48J	96	34-130	
Trichloroethene	ug/L	50	46.7	93	78-120	
Trichlorofluoromethane	ug/L	50	52.3	105	57-156	
Vinyl acetate	ug/L	200	144	72	50-116	
Vinyl chloride	ug/L	50	48.1	96	55-122	
Xylene (Total)	ug/L	150	147	98	81-118	
4-Bromofluorobenzene (S)	%.			99	85-116	
Dibromofluoromethane (S)	%.			96	75-120	
Toluene-d8 (S)	%.			101	83-111	

MATRIX SPIKE SAMPLE: 2746011

Parameter	Units	50273799016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	50	27.5	55	51-135	
1,1,1-Trichloroethane	ug/L	ND	50	28.3	57	56-144	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	30.5	61	47-137	
1,1,2-Trichloroethane	ug/L	ND	50	30.0	60	55-136	
1,1-Dichloroethane	ug/L	ND	50	30.6	61	53-140	
1,1-Dichloroethene	ug/L	ND	50	30.5	61	60-140	
1,1-Dichloropropene	ug/L	ND	50	26.7	53	54-136	M1
1,2,3-Trichlorobenzene	ug/L	ND	50	23.3	47	35-140	
1,2,3-Trichloropropane	ug/L	ND	50	29.8	60	54-142	
1,2,4-Trichlorobenzene	ug/L	ND	50	22.8	46	31-143	
1,2,4-Trimethylbenzene	ug/L	ND	50	27.1	54	13-152	
1,2-Dibromoethane (EDB)	ug/L	ND	50	27.7	55	56-136	M1
1,2-Dichlorobenzene	ug/L	ND	50	26.3	53	38-133	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

MATRIX SPIKE SAMPLE: 2746011

Parameter	Units	50273799016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	ND	50	27.7	55	46-145	
1,2-Dichloropropane	ug/L	ND	50	28.9	58	55-141	
1,3,5-Trimethylbenzene	ug/L	ND	50	27.7	55	23-145	
1,3-Dichlorobenzene	ug/L	ND	50	26.2	52	31-144	
1,3-Dichloropropane	ug/L	ND	50	29.0	58	60-139	M1
1,4-Dichlorobenzene	ug/L	ND	50	25.8	52	31-138	
1-Methylnaphthalene	ug/L	ND	50	13.3	27	40-150	M1
2,2-Dichloropropane	ug/L	ND	50	23.3	47	34-137	
2-Butanone (MEK)	ug/L	ND	250	147	59	42-150	
2-Chlorotoluene	ug/L	ND	50	26.9	54	28-148	
2-Hexanone	ug/L	ND	250	164	66	43-146	
2-Methylnaphthalene	ug/L	ND	50	15.9	32	32-142	
4-Chlorotoluene	ug/L	ND	50	26.6	53	25-145	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	165	66	42-142	
Acetone	ug/L	ND	250	148	59	36-142	
Acrolein	ug/L	ND	250	134	54	28-122	
Acrylonitrile	ug/L	ND	250	143	57	48-137	
Benzene	ug/L	ND	50	29.2	58	49-135	
Bromobenzene	ug/L	ND	50	24.4	49	37-144	
Bromochloromethane	ug/L	ND	50	32.2	64	47-140	
Bromodichloromethane	ug/L	ND	50	27.3	55	55-133	
Bromoform	ug/L	ND	50	29.1	58	45-125	
Bromomethane	ug/L	ND	50	22.3	45	10-191	
Carbon disulfide	ug/L	ND	50	33.2	66	49-136	
Carbon tetrachloride	ug/L	ND	50	28.5	57	55-134	
Chlorobenzene	ug/L	ND	50	27.4	55	42-135	
Chloroethane	ug/L	ND	50	32.4	65	25-154	
Chloroform	ug/L	ND	50	27.2	54	57-130	M1
Chloromethane	ug/L	ND	50	37.0	74	17-129	
cis-1,2-Dichloroethene	ug/L	ND	50	28.7	57	53-134	
cis-1,3-Dichloropropene	ug/L	ND	50	28.0	56	50-136	
Dibromochloromethane	ug/L	ND	50	27.9	56	53-133	
Dibromomethane	ug/L	ND	50	30.8	62	57-139	
Dichlorodifluoromethane	ug/L	ND	50	35.8	72	21-154	
Ethyl methacrylate	ug/L	ND	50	28.5J	57	56-148	
Ethylbenzene	ug/L	ND	50	29.6	59	28-147	
Hexachloro-1,3-butadiene	ug/L	ND	50	25.8	52	10-168	
Iodomethane	ug/L	ND	50	15.2	30	10-186	
Isopropylbenzene (Cumene)	ug/L	ND	50	29.0	58	27-151	
Methyl-tert-butyl ether	ug/L	ND	50	26.5	53	60-142	M1
Methylene Chloride	ug/L	ND	50	25.5	51	46-138	
n-Butylbenzene	ug/L	ND	50	28.0	56	10-153	
n-Hexane	ug/L	ND	50	29.6	59	46-155	
n-Propylbenzene	ug/L	ND	50	28.5	57	20-149	
Naphthalene	ug/L	ND	50	20.9	42	41-139	
p-Isopropyltoluene	ug/L	ND	50	27.9	56	15-155	
sec-Butylbenzene	ug/L	ND	50	28.7	57	17-153	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

MATRIX SPIKE SAMPLE: 2746011

Parameter	Units	50273799016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	ND	50	27.7	55	42-139	
tert-Butylbenzene	ug/L	ND	50	29.2	58	18-123	
Tetrachloroethene	ug/L	ND	50	26.7	53	32-140	
Toluene	ug/L	ND	50	28.7	57	42-131	
trans-1,2-Dichloroethene	ug/L	ND	50	29.7	59	57-138	
trans-1,3-Dichloropropene	ug/L	ND	50	26.8	54	47-128	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	24.1J	48	10-135	
Trichloroethene	ug/L	ND	50	28.0	56	47-137	
Trichlorofluoromethane	ug/L	ND	50	31.3	63	42-163	
Vinyl acetate	ug/L	ND	200	78.7	39	10-114	
Vinyl chloride	ug/L	ND	50	30.9	62	36-136	
Xylene (Total)	ug/L	ND	150	82.3	55	30-145	
4-Bromofluorobenzene (S)	%.				94	85-116	
Dibromofluoromethane (S)	%.				96	75-120	
Toluene-d8 (S)	%.				102	83-111	

SAMPLE DUPLICATE: 2746012

Parameter	Units	50273799017 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,1-Trichloroethane	ug/L	ND	ND		20	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,2-Trichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethene	ug/L	ND	ND		20	
1,1-Dichloropropene	ug/L	ND	ND		20	
1,2,3-Trichlorobenzene	ug/L	ND	ND		20	
1,2,3-Trichloropropane	ug/L	ND	ND		20	
1,2,4-Trichlorobenzene	ug/L	ND	ND		20	
1,2,4-Trimethylbenzene	ug/L	ND	ND		20	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1,2-Dichlorobenzene	ug/L	ND	ND		20	
1,2-Dichloroethane	ug/L	ND	ND		20	
1,2-Dichloropropane	ug/L	ND	ND		20	
1,3,5-Trimethylbenzene	ug/L	ND	ND		20	
1,3-Dichlorobenzene	ug/L	ND	ND		20	
1,3-Dichloropropane	ug/L	ND	ND		20	
1,4-Dichlorobenzene	ug/L	ND	ND		20	
1-Methylnaphthalene	ug/L	ND	ND		20	
2,2-Dichloropropane	ug/L	ND	ND		20	
2-Butanone (MEK)	ug/L	ND	ND		20	
2-Chlorotoluene	ug/L	ND	ND		20	
2-Hexanone	ug/L	ND	ND		20	
2-Methylnaphthalene	ug/L	ND	ND		20	
4-Chlorotoluene	ug/L	ND	ND		20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

SAMPLE DUPLICATE: 2746012

Parameter	Units	50273799017 Result	Dup Result	RPD	Max RPD	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		20	
Acetone	ug/L	ND	ND		20	
Acrolein	ug/L	ND	ND		20	
Acrylonitrile	ug/L	ND	ND		20	
Benzene	ug/L	ND	ND		20	
Bromobenzene	ug/L	ND	ND		20	
Bromochloromethane	ug/L	ND	ND		20	
Bromodichloromethane	ug/L	ND	ND		20	
Bromoform	ug/L	ND	ND		20	
Bromomethane	ug/L	ND	ND		20	
Carbon disulfide	ug/L	ND	ND		20	
Carbon tetrachloride	ug/L	ND	ND		20	
Chlorobenzene	ug/L	ND	ND		20	
Chloroethane	ug/L	ND	ND		20	
Chloroform	ug/L	ND	ND		20	
Chloromethane	ug/L	ND	ND		20	
cis-1,2-Dichloroethene	ug/L	ND	ND		20	
cis-1,3-Dichloropropene	ug/L	ND	ND		20	
Dibromochloromethane	ug/L	ND	ND		20	
Dibromomethane	ug/L	ND	ND		20	
Dichlorodifluoromethane	ug/L	ND	ND		20	
Ethyl methacrylate	ug/L	ND	ND		20	
Ethylbenzene	ug/L	ND	ND		20	
Hexachloro-1,3-butadiene	ug/L	ND	ND		20	
Iodomethane	ug/L	ND	ND		20	
Isopropylbenzene (Cumene)	ug/L	ND	ND		20	
Methyl-tert-butyl ether	ug/L	ND	ND		20	
Methylene Chloride	ug/L	ND	ND		20	
n-Butylbenzene	ug/L	ND	ND		20	
n-Hexane	ug/L	ND	ND		20	
n-Propylbenzene	ug/L	ND	ND		20	
Naphthalene	ug/L	ND	ND		20	
p-Isopropyltoluene	ug/L	ND	ND		20	
sec-Butylbenzene	ug/L	ND	ND		20	
Styrene	ug/L	ND	ND		20	
tert-Butylbenzene	ug/L	ND	ND		20	
Tetrachloroethene	ug/L	ND	ND		20	
Toluene	ug/L	ND	ND		20	
trans-1,2-Dichloroethene	ug/L	ND	ND		20	
trans-1,3-Dichloropropene	ug/L	ND	ND		20	
trans-1,4-Dichloro-2-butene	ug/L	ND	ND		20	
Trichloroethene	ug/L	32.6	30.9	5	20	
Trichlorofluoromethane	ug/L	ND	ND		20	
Vinyl acetate	ug/L	ND	ND		20	
Vinyl chloride	ug/L	ND	ND		20	
Xylene (Total)	ug/L	ND	ND		20	
4-Bromofluorobenzene (S)	%.	94	94			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

SAMPLE DUPLICATE: 2746012

Parameter	Units	50273799017 Result	Dup Result	RPD	Max RPD	Qualifiers
Dibromofluoromethane (S)	%.	100	99			
Toluene-d8 (S)	%.	98	98			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

QC Batch: 595255
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50273799018, 50273799019, 50273799020, 50273799021, 50273799022, 50273799023, 50273799024, 50273799025, 50273799026, 50273799027, 50273799028, 50273799029, 50273799030, 50273799031, 50273799032, 50273799033, 50273799034

METHOD BLANK: 2746022
Matrix: Water
Associated Lab Samples: 50273799018, 50273799019, 50273799020, 50273799021, 50273799022, 50273799023, 50273799024, 50273799025, 50273799026, 50273799027, 50273799028, 50273799029, 50273799030, 50273799031, 50273799032, 50273799033, 50273799034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/25/20 13:28	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/25/20 13:28	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/25/20 13:28	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/25/20 13:28	
1,1-Dichloroethane	ug/L	ND	5.0	11/25/20 13:28	
1,1-Dichloroethene	ug/L	ND	5.0	11/25/20 13:28	
1,1-Dichloropropene	ug/L	ND	5.0	11/25/20 13:28	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/25/20 13:28	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/25/20 13:28	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/25/20 13:28	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/25/20 13:28	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/25/20 13:28	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/25/20 13:28	
1,2-Dichloroethane	ug/L	ND	5.0	11/25/20 13:28	
1,2-Dichloropropane	ug/L	ND	5.0	11/25/20 13:28	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/25/20 13:28	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/25/20 13:28	
1,3-Dichloropropane	ug/L	ND	5.0	11/25/20 13:28	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/25/20 13:28	
1-Methylnaphthalene	ug/L	ND	10.0	11/25/20 13:28	
2,2-Dichloropropane	ug/L	ND	5.0	11/25/20 13:28	
2-Butanone (MEK)	ug/L	ND	25.0	11/25/20 13:28	
2-Chlorotoluene	ug/L	ND	5.0	11/25/20 13:28	
2-Hexanone	ug/L	ND	25.0	11/25/20 13:28	
2-Methylnaphthalene	ug/L	ND	10.0	11/25/20 13:28	
4-Chlorotoluene	ug/L	ND	5.0	11/25/20 13:28	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/25/20 13:28	
Acetone	ug/L	ND	100	11/25/20 13:28	
Acrolein	ug/L	ND	50.0	11/25/20 13:28	
Acrylonitrile	ug/L	ND	100	11/25/20 13:28	
Benzene	ug/L	ND	5.0	11/25/20 13:28	
Bromobenzene	ug/L	ND	5.0	11/25/20 13:28	
Bromochloromethane	ug/L	ND	5.0	11/25/20 13:28	
Bromodichloromethane	ug/L	ND	5.0	11/25/20 13:28	
Bromoform	ug/L	ND	5.0	11/25/20 13:28	
Bromomethane	ug/L	ND	5.0	11/25/20 13:28	
Carbon disulfide	ug/L	ND	10.0	11/25/20 13:28	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

METHOD BLANK: 2746022 Matrix: Water

Associated Lab Samples: 50273799018, 50273799019, 50273799020, 50273799021, 50273799022, 50273799023, 50273799024, 50273799025, 50273799026, 50273799027, 50273799028, 50273799029, 50273799030, 50273799031, 50273799032, 50273799033, 50273799034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon tetrachloride	ug/L	ND	5.0	11/25/20 13:28	
Chlorobenzene	ug/L	ND	5.0	11/25/20 13:28	
Chloroethane	ug/L	ND	5.0	11/25/20 13:28	
Chloroform	ug/L	ND	5.0	11/25/20 13:28	
Chloromethane	ug/L	ND	5.0	11/25/20 13:28	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/25/20 13:28	
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/25/20 13:28	
Dibromochloromethane	ug/L	ND	5.0	11/25/20 13:28	
Dibromomethane	ug/L	ND	5.0	11/25/20 13:28	
Dichlorodifluoromethane	ug/L	ND	5.0	11/25/20 13:28	
Ethyl methacrylate	ug/L	ND	100	11/25/20 13:28	
Ethylbenzene	ug/L	ND	5.0	11/25/20 13:28	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/25/20 13:28	
Iodomethane	ug/L	ND	10.0	11/25/20 13:28	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/25/20 13:28	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/25/20 13:28	
Methylene Chloride	ug/L	ND	5.0	11/25/20 13:28	
n-Butylbenzene	ug/L	ND	5.0	11/25/20 13:28	
n-Hexane	ug/L	ND	5.0	11/25/20 13:28	
n-Propylbenzene	ug/L	ND	5.0	11/25/20 13:28	
Naphthalene	ug/L	ND	1.7	11/25/20 13:28	
p-Isopropyltoluene	ug/L	ND	5.0	11/25/20 13:28	
sec-Butylbenzene	ug/L	ND	5.0	11/25/20 13:28	
Styrene	ug/L	ND	5.0	11/25/20 13:28	
tert-Butylbenzene	ug/L	ND	5.0	11/25/20 13:28	
Tetrachloroethene	ug/L	ND	5.0	11/25/20 13:28	
Toluene	ug/L	ND	5.0	11/25/20 13:28	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/25/20 13:28	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/25/20 13:28	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/25/20 13:28	
Trichloroethene	ug/L	ND	5.0	11/25/20 13:28	
Trichlorofluoromethane	ug/L	ND	5.0	11/25/20 13:28	
Vinyl acetate	ug/L	ND	50.0	11/25/20 13:28	
Vinyl chloride	ug/L	ND	2.0	11/25/20 13:28	
Xylene (Total)	ug/L	ND	10.0	11/25/20 13:28	
4-Bromofluorobenzene (S)	%.	97	85-116	11/25/20 13:28	
Dibromofluoromethane (S)	%.	101	75-120	11/25/20 13:28	
Toluene-d8 (S)	%.	97	83-111	11/25/20 13:28	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

LABORATORY CONTROL SAMPLE: 2746023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.7	99	78-120	
1,1,1-Trichloroethane	ug/L	50	53.9	108	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.5	105	64-126	
1,1,2-Trichloroethane	ug/L	50	54.9	110	73-125	
1,1-Dichloroethane	ug/L	50	54.4	109	77-123	
1,1-Dichloroethene	ug/L	50	56.0	112	79-128	
1,1-Dichloropropene	ug/L	50	52.9	106	78-120	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	75-126	
1,2,3-Trichloropropane	ug/L	50	52.7	105	71-131	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	76-130	
1,2,4-Trimethylbenzene	ug/L	50	50.7	101	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	52.1	104	76-122	
1,2-Dichlorobenzene	ug/L	50	48.5	97	79-113	
1,2-Dichloroethane	ug/L	50	51.8	104	66-127	
1,2-Dichloropropane	ug/L	50	53.0	106	75-127	
1,3,5-Trimethylbenzene	ug/L	50	50.5	101	78-116	
1,3-Dichlorobenzene	ug/L	50	49.3	99	79-120	
1,3-Dichloropropane	ug/L	50	51.2	102	81-121	
1,4-Dichlorobenzene	ug/L	50	46.7	93	77-117	
1-Methylnaphthalene	ug/L	50	36.5	73	65-142	
2,2-Dichloropropane	ug/L	50	55.1	110	56-134	
2-Butanone (MEK)	ug/L	250	305	122	61-138	
2-Chlorotoluene	ug/L	50	49.0	98	73-125	
2-Hexanone	ug/L	250	284	113	58-138	
2-Methylnaphthalene	ug/L	50	39.9	80	60-136	
4-Chlorotoluene	ug/L	50	53.4	107	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	279	112	60-131	
Acetone	ug/L	250	310	124	57-126	
Acrolein	ug/L	250	263	105	56-120	
Acrylonitrile	ug/L	250	282	113	65-127	
Benzene	ug/L	50	51.8	104	75-118	
Bromobenzene	ug/L	50	51.6	103	68-127	
Bromochloromethane	ug/L	50	57.3	115	66-126	
Bromodichloromethane	ug/L	50	53.5	107	75-120	
Bromoform	ug/L	50	50.5	101	61-119	
Bromomethane	ug/L	50	29.6	59	12-184	
Carbon disulfide	ug/L	50	54.8	110	71-123	
Carbon tetrachloride	ug/L	50	55.2	110	73-125	
Chlorobenzene	ug/L	50	47.1	94	80-115	
Chloroethane	ug/L	50	51.9	104	46-133	
Chloroform	ug/L	50	50.9	102	75-117	
Chloromethane	ug/L	50	61.0	122	33-124	
cis-1,2-Dichloroethene	ug/L	50	54.2	108	76-120	
cis-1,3-Dichloropropene	ug/L	50	54.5	109	73-130	
Dibromochloromethane	ug/L	50	50.2	100	69-124	
Dibromomethane	ug/L	50	54.1	108	76-124	
Dichlorodifluoromethane	ug/L	50	62.8	126	36-145	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

LABORATORY CONTROL SAMPLE: 2746023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethyl methacrylate	ug/L	50	55.7J	111	67-140	
Ethylbenzene	ug/L	50	51.1	102	78-120	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	79-137	
Iodomethane	ug/L	50	35.0	70	10-184	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	82-122	
Methyl-tert-butyl ether	ug/L	50	54.6	109	79-125	
Methylene Chloride	ug/L	50	47.1	94	68-126	
n-Butylbenzene	ug/L	50	53.4	107	73-123	
n-Hexane	ug/L	50	60.0	120	71-143	
n-Propylbenzene	ug/L	50	51.2	102	75-119	
Naphthalene	ug/L	50	54.1	108	70-130	
p-Isopropyltoluene	ug/L	50	53.2	106	82-119	
sec-Butylbenzene	ug/L	50	52.7	105	79-119	
Styrene	ug/L	50	50.1	100	80-121	
tert-Butylbenzene	ug/L	50	51.7	103	58-106	
Tetrachloroethene	ug/L	50	50.1	100	70-123	
Toluene	ug/L	50	49.5	99	72-114	
trans-1,2-Dichloroethene	ug/L	50	60.2	120	79-126	
trans-1,3-Dichloropropene	ug/L	50	52.7	105	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	50.5J	101	34-130	
Trichloroethene	ug/L	50	55.6	111	78-120	
Trichlorofluoromethane	ug/L	50	56.9	114	57-156	
Vinyl acetate	ug/L	200	164	82	50-116	
Vinyl chloride	ug/L	50	61.9	124	55-122	L1
Xylene (Total)	ug/L	150	150	100	81-118	
4-Bromofluorobenzene (S)	%.			98	85-116	
Dibromofluoromethane (S)	%.			98	75-120	
Toluene-d8 (S)	%.			99	83-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746024 2746025

Parameter	Units	50273799025 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	40.2	40.2	80	80	51-135	0	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	41.4	42.7	83	85	56-144	3	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	40.9	43.8	82	88	47-137	7	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	44.8	46.0	90	92	55-136	3	20	
1,1-Dichloroethane	ug/L	ND	50	50	42.5	42.1	85	84	53-140	1	20	
1,1-Dichloroethene	ug/L	ND	50	50	44.6	45.4	89	91	60-140	2	20	
1,1-Dichloropropene	ug/L	ND	50	50	40.1	40.8	80	82	54-136	2	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	35.2	37.6	70	75	35-140	6	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	41.1	43.7	82	87	54-142	6	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	35.2	37.5	70	75	31-143	6	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	37.9	38.6	76	77	13-152	2	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	41.6	43.4	83	87	56-136	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746024 2746025

Parameter	Units	50273799025 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichlorobenzene	ug/L	ND	50	50	36.6	38.7	73	77	38-133	5	20	
1,2-Dichloroethane	ug/L	ND	50	50	40.6	41.5	81	83	46-145	2	20	
1,2-Dichloropropane	ug/L	ND	50	50	40.9	40.9	82	82	55-141	0	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	38.4	39.6	77	79	23-145	3	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	37.6	38.6	75	77	31-144	3	20	
1,3-Dichloropropane	ug/L	ND	50	50	42.0	42.2	84	84	60-139	0	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	35.4	36.1	71	72	31-138	2	20	
1-Methylnaphthalene	ug/L	ND	50	50	21.3	25.4	43	51	40-150	17	20	
2,2-Dichloropropane	ug/L	ND	50	50	39.2	38.1	78	76	34-137	3	20	
2-Butanone (MEK)	ug/L	ND	250	250	217	224	87	90	42-150	3	20	
2-Chlorotoluene	ug/L	ND	50	50	37.3	37.9	75	76	28-148	2	20	
2-Hexanone	ug/L	ND	250	250	211	225	84	90	43-146	7	20	
2-Methylnaphthalene	ug/L	ND	50	50	25.1	28.8	50	58	32-142	14	20	
4-Chlorotoluene	ug/L	ND	50	50	39.9	41.0	80	82	25-145	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	210	226	84	91	42-142	8	20	
Acetone	ug/L	ND	250	250	220	233	88	93	36-142	6	20	
Acrolein	ug/L	ND	250	250	181	195	72	78	28-122	8	20	
Acrylonitrile	ug/L	ND	250	250	208	219	83	87	48-137	5	20	
Benzene	ug/L	ND	50	50	40.9	40.5	82	81	49-135	1	20	
Bromobenzene	ug/L	ND	50	50	40.5	41.1	81	82	37-144	2	20	
Bromochloromethane	ug/L	ND	50	50	46.5	45.6	93	91	47-140	2	20	
Bromodichloromethane	ug/L	ND	50	50	41.7	41.4	83	83	55-133	1	20	
Bromoform	ug/L	ND	50	50	40.2	42.6	80	85	45-125	6	20	
Bromomethane	ug/L	ND	50	50	22.5	25.5	45	51	10-191	12	20	
Carbon disulfide	ug/L	ND	50	50	43.2	42.5	86	85	49-136	2	20	
Carbon tetrachloride	ug/L	ND	50	50	43.5	42.8	87	86	55-134	2	20	
Chlorobenzene	ug/L	ND	50	50	37.6	37.8	75	76	42-135	1	20	
Chloroethane	ug/L	ND	50	50	43.1	43.8	86	88	25-154	2	20	
Chloroform	ug/L	ND	50	50	40.2	39.9	80	80	57-130	1	20	
Chloromethane	ug/L	ND	50	50	47.1	45.6	94	91	17-129	3	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	42.7	42.4	85	85	53-134	1	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	42.5	43.3	85	87	50-136	2	20	
Dibromochloromethane	ug/L	ND	50	50	40.4	41.2	81	82	53-133	2	20	
Dibromomethane	ug/L	ND	50	50	43.2	42.6	86	85	57-139	2	20	
Dichlorodifluoromethane	ug/L	ND	50	50	49.0	47.0	98	94	21-154	4	20	
Ethyl methacrylate	ug/L	ND	50	50	42.5J	43.7J	85	87	56-148		20	
Ethylbenzene	ug/L	ND	50	50	39.8	40.2	80	80	28-147	1	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	37.6	38.1	75	76	10-168	1	20	
Iodomethane	ug/L	ND	50	50	14.8	21.2	30	42	10-186	35	20	R1
Isopropylbenzene (Cumene)	ug/L	ND	50	50	39.6	40.1	79	80	27-151	1	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	39.9	41.2	80	82	60-142	3	20	
Methylene Chloride	ug/L	ND	50	50	36.1	36.4	72	73	46-138	1	20	
n-Butylbenzene	ug/L	ND	50	50	39.7	39.9	79	80	10-153	0	20	
n-Hexane	ug/L	ND	50	50	42.0	41.5	84	83	46-155	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2746024 2746025

Parameter	Units	50273799025 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
n-Propylbenzene	ug/L	ND	50	50	38.3	39.2	77	78	20-149	2	20	
Naphthalene	ug/L	ND	50	50	38.7	42.9	77	86	41-139	10	20	
p-Isopropyltoluene	ug/L	ND	50	50	39.3	39.9	79	80	15-155	1	20	
sec-Butylbenzene	ug/L	ND	50	50	39.9	40.6	80	81	17-153	2	20	
Styrene	ug/L	ND	50	50	38.4	39.1	77	78	42-139	2	20	
tert-Butylbenzene	ug/L	ND	50	50	40.3	41.1	81	82	18-123	2	20	
Tetrachloroethene	ug/L	ND	50	50	38.2	38.3	76	77	32-140	0	20	
Toluene	ug/L	ND	50	50	39.3	39.2	79	78	42-131	0	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	45.4	45.7	91	91	57-138	1	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	40.0	40.5	80	81	47-128	1	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	36.9J	40.1J	74	80	10-135		20	
Trichloroethene	ug/L	ND	50	50	43.4	43.5	87	87	47-137	0	20	
Trichlorofluoromethane	ug/L	ND	50	50	45.3	43.9	91	88	42-163	3	20	
Vinyl acetate	ug/L	ND	200	200	114	116	57	58	10-114	2	20	
Vinyl chloride	ug/L	ND	50	50	49.1	48.6	98	97	36-136	1	20	
Xylene (Total)	ug/L	ND	150	150	117	118	78	79	30-145	1	20	
4-Bromofluorobenzene (S)	%.						97	96	85-116			
Dibromofluoromethane (S)	%.						97	98	75-120			
Toluene-d8 (S)	%.						97	100	83-111			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

QC Batch: 595357
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50273799035, 50273799036

METHOD BLANK: 2746618 Matrix: Water
Associated Lab Samples: 50273799035, 50273799036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	11/26/20 01:46	
1,1,1-Trichloroethane	ug/L	ND	5.0	11/26/20 01:46	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	11/26/20 01:46	
1,1,2-Trichloroethane	ug/L	ND	5.0	11/26/20 01:46	
1,1-Dichloroethane	ug/L	ND	5.0	11/26/20 01:46	
1,1-Dichloroethene	ug/L	ND	5.0	11/26/20 01:46	
1,1-Dichloropropene	ug/L	ND	5.0	11/26/20 01:46	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	11/26/20 01:46	
1,2,3-Trichloropropane	ug/L	ND	5.0	11/26/20 01:46	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	11/26/20 01:46	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	11/26/20 01:46	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	11/26/20 01:46	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/26/20 01:46	
1,2-Dichloroethane	ug/L	ND	5.0	11/26/20 01:46	
1,2-Dichloropropane	ug/L	ND	5.0	11/26/20 01:46	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	11/26/20 01:46	
1,3-Dichlorobenzene	ug/L	ND	5.0	11/26/20 01:46	
1,3-Dichloropropane	ug/L	ND	5.0	11/26/20 01:46	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/26/20 01:46	
1-Methylnaphthalene	ug/L	ND	10.0	11/26/20 01:46	
2,2-Dichloropropane	ug/L	ND	5.0	11/26/20 01:46	
2-Butanone (MEK)	ug/L	ND	25.0	11/26/20 01:46	
2-Chlorotoluene	ug/L	ND	5.0	11/26/20 01:46	
2-Hexanone	ug/L	ND	25.0	11/26/20 01:46	
2-Methylnaphthalene	ug/L	ND	10.0	11/26/20 01:46	
4-Chlorotoluene	ug/L	ND	5.0	11/26/20 01:46	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	11/26/20 01:46	
Acetone	ug/L	ND	100	11/26/20 01:46	
Acrolein	ug/L	ND	50.0	11/26/20 01:46	
Acrylonitrile	ug/L	ND	100	11/26/20 01:46	
Benzene	ug/L	ND	5.0	11/26/20 01:46	
Bromobenzene	ug/L	ND	5.0	11/26/20 01:46	
Bromochloromethane	ug/L	ND	5.0	11/26/20 01:46	
Bromodichloromethane	ug/L	ND	5.0	11/26/20 01:46	
Bromoform	ug/L	ND	5.0	11/26/20 01:46	
Bromomethane	ug/L	ND	5.0	11/26/20 01:46	
Carbon disulfide	ug/L	ND	10.0	11/26/20 01:46	
Carbon tetrachloride	ug/L	ND	5.0	11/26/20 01:46	
Chlorobenzene	ug/L	ND	5.0	11/26/20 01:46	
Chloroethane	ug/L	ND	5.0	11/26/20 01:46	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

METHOD BLANK: 2746618 Matrix: Water
Associated Lab Samples: 50273799035, 50273799036

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	11/26/20 01:46	
Chloromethane	ug/L	ND	5.0	11/26/20 01:46	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/26/20 01:46	
cis-1,3-Dichloropropene	ug/L	ND	5.0	11/26/20 01:46	
Dibromochloromethane	ug/L	ND	5.0	11/26/20 01:46	
Dibromomethane	ug/L	ND	5.0	11/26/20 01:46	
Dichlorodifluoromethane	ug/L	ND	5.0	11/26/20 01:46	
Ethyl methacrylate	ug/L	ND	100	11/26/20 01:46	
Ethylbenzene	ug/L	ND	5.0	11/26/20 01:46	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	11/26/20 01:46	
Iodomethane	ug/L	ND	10.0	11/26/20 01:46	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	11/26/20 01:46	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/26/20 01:46	
Methylene Chloride	ug/L	ND	5.0	11/26/20 01:46	
n-Butylbenzene	ug/L	ND	5.0	11/26/20 01:46	
n-Hexane	ug/L	ND	5.0	11/26/20 01:46	
n-Propylbenzene	ug/L	ND	5.0	11/26/20 01:46	
Naphthalene	ug/L	ND	1.7	11/26/20 01:46	
p-Isopropyltoluene	ug/L	ND	5.0	11/26/20 01:46	
sec-Butylbenzene	ug/L	ND	5.0	11/26/20 01:46	
Styrene	ug/L	ND	5.0	11/26/20 01:46	
tert-Butylbenzene	ug/L	ND	5.0	11/26/20 01:46	
Tetrachloroethene	ug/L	ND	5.0	11/26/20 01:46	
Toluene	ug/L	ND	5.0	11/26/20 01:46	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/26/20 01:46	
trans-1,3-Dichloropropene	ug/L	ND	5.0	11/26/20 01:46	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	11/26/20 01:46	
Trichloroethene	ug/L	ND	5.0	11/26/20 01:46	
Trichlorofluoromethane	ug/L	ND	5.0	11/26/20 01:46	
Vinyl acetate	ug/L	ND	50.0	11/26/20 01:46	
Vinyl chloride	ug/L	ND	2.0	11/26/20 01:46	
Xylene (Total)	ug/L	ND	10.0	11/26/20 01:46	
4-Bromofluorobenzene (S)	%.	93	85-116	11/26/20 01:46	
Dibromofluoromethane (S)	%.	98	75-120	11/26/20 01:46	
Toluene-d8 (S)	%.	99	83-111	11/26/20 01:46	

LABORATORY CONTROL SAMPLE: 2746619

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.1	96	78-120	
1,1,1-Trichloroethane	ug/L	50	47.8	96	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.5	105	64-126	
1,1,2-Trichloroethane	ug/L	50	54.6	109	73-125	
1,1-Dichloroethane	ug/L	50	49.6	99	77-123	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

LABORATORY CONTROL SAMPLE: 2746619

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	49.3	99	79-128	
1,1-Dichloropropene	ug/L	50	46.4	93	78-120	
1,2,3-Trichlorobenzene	ug/L	50	47.4	95	75-126	
1,2,3-Trichloropropane	ug/L	50	53.9	108	71-131	
1,2,4-Trichlorobenzene	ug/L	50	48.1	96	76-130	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	76-122	
1,2-Dichlorobenzene	ug/L	50	47.2	94	79-113	
1,2-Dichloroethane	ug/L	50	47.5	95	66-127	
1,2-Dichloropropane	ug/L	50	47.6	95	75-127	
1,3,5-Trimethylbenzene	ug/L	50	49.3	99	78-116	
1,3-Dichlorobenzene	ug/L	50	48.7	97	79-120	
1,3-Dichloropropane	ug/L	50	50.3	101	81-121	
1,4-Dichlorobenzene	ug/L	50	45.9	92	77-117	
1-Methylnaphthalene	ug/L	50	32.2	64	65-142	L2
2,2-Dichloropropane	ug/L	50	41.1	82	56-134	
2-Butanone (MEK)	ug/L	250	263	105	61-138	
2-Chlorotoluene	ug/L	50	47.3	95	73-125	
2-Hexanone	ug/L	250	271	109	58-138	
2-Methylnaphthalene	ug/L	50	37.2	74	60-136	
4-Chlorotoluene	ug/L	50	51.2	102	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	269	107	60-131	
Acetone	ug/L	250	268	107	57-126	
Acrolein	ug/L	250	234	93	56-120	
Acrylonitrile	ug/L	250	252	101	65-127	
Benzene	ug/L	50	46.1	92	75-118	
Bromobenzene	ug/L	50	50.0	100	68-127	
Bromochloromethane	ug/L	50	52.5	105	66-126	
Bromodichloromethane	ug/L	50	49.0	98	75-120	
Bromoform	ug/L	50	51.4	103	61-119	
Bromomethane	ug/L	50	24.7	49	12-184	
Carbon disulfide	ug/L	50	47.4	95	71-123	
Carbon tetrachloride	ug/L	50	48.2	96	73-125	
Chlorobenzene	ug/L	50	46.0	92	80-115	
Chloroethane	ug/L	50	47.4	95	46-133	
Chloroform	ug/L	50	46.4	93	75-117	
Chloromethane	ug/L	50	53.7	107	33-124	
cis-1,2-Dichloroethene	ug/L	50	48.6	97	76-120	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	73-130	
Dibromochloromethane	ug/L	50	50.1	100	69-124	
Dibromomethane	ug/L	50	50.9	102	76-124	
Dichlorodifluoromethane	ug/L	50	53.0	106	36-145	
Ethyl methacrylate	ug/L	50	55J	110	67-140	
Ethylbenzene	ug/L	50	48.2	96	78-120	
Hexachloro-1,3-butadiene	ug/L	50	45.4	91	79-137	
Iodomethane	ug/L	50	28.4	57	10-184	
Isopropylbenzene (Cumene)	ug/L	50	47.5	95	82-122	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

LABORATORY CONTROL SAMPLE: 2746619

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	51.0	102	79-125	
Methylene Chloride	ug/L	50	43.0	86	68-126	
n-Butylbenzene	ug/L	50	49.9	100	73-123	
n-Hexane	ug/L	50	47.0	94	71-143	
n-Propylbenzene	ug/L	50	48.4	97	75-119	
Naphthalene	ug/L	50	53.7	107	70-130	
p-Isopropyltoluene	ug/L	50	49.6	99	82-119	
sec-Butylbenzene	ug/L	50	49.6	99	79-119	
Styrene	ug/L	50	48.1	96	80-121	
tert-Butylbenzene	ug/L	50	49.7	99	58-106	
Tetrachloroethene	ug/L	50	46.5	93	70-123	
Toluene	ug/L	50	46.9	94	72-114	
trans-1,2-Dichloroethene	ug/L	50	51.8	104	79-126	
trans-1,3-Dichloropropene	ug/L	50	49.3	99	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	46.7J	93	34-130	
Trichloroethene	ug/L	50	50.7	101	78-120	
Trichlorofluoromethane	ug/L	50	50.0	100	57-156	
Vinyl acetate	ug/L	200	148	74	50-116	
Vinyl chloride	ug/L	50	53.2	106	55-122	
Xylene (Total)	ug/L	150	143	95	81-118	
4-Bromofluorobenzene (S)	%.			94	85-116	
Dibromofluoromethane (S)	%.			94	75-120	
Toluene-d8 (S)	%.			100	83-111	

MATRIX SPIKE SAMPLE: 2746620

Parameter	Units	50274204014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	50	35.6	71	51-135	
1,1,1-Trichloroethane	ug/L	ND	50	37.9	76	56-144	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	37.5	75	47-137	
1,1,2-Trichloroethane	ug/L	ND	50	39.6	79	55-136	
1,1-Dichloroethane	ug/L	ND	50	38.3	77	53-140	
1,1-Dichloroethene	ug/L	ND	50	41.5	83	60-140	
1,1-Dichloropropene	ug/L	ND	50	37.1	74	54-136	
1,2,3-Trichlorobenzene	ug/L	ND	50	33.5	67	35-140	
1,2,3-Trichloropropane	ug/L	ND	50	37.3	75	54-142	
1,2,4-Trichlorobenzene	ug/L	ND	50	35.0	70	31-143	
1,2,4-Trimethylbenzene	ug/L	ND	50	36.0	72	13-152	
1,2-Dibromoethane (EDB)	ug/L	ND	50	37.8	76	56-136	
1,2-Dichlorobenzene	ug/L	ND	50	35.1	70	38-133	
1,2-Dichloroethane	ug/L	ND	50	36.4	73	46-145	
1,2-Dichloropropane	ug/L	ND	50	36.3	73	55-141	
1,3,5-Trimethylbenzene	ug/L	ND	50	36.4	73	23-145	
1,3-Dichlorobenzene	ug/L	ND	50	36.1	72	31-144	
1,3-Dichloropropane	ug/L	ND	50	37.5	75	60-139	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

MATRIX SPIKE SAMPLE: 2746620

Parameter	Units	50274204014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	50	34.0	68	31-138	
1-Methylnaphthalene	ug/L	ND	50	19.7	39	40-150	M0
2,2-Dichloropropane	ug/L	ND	50	30.0	60	34-137	
2-Butanone (MEK)	ug/L	ND	250	187	75	42-150	
2-Chlorotoluene	ug/L	ND	50	35.9	72	28-148	
2-Hexanone	ug/L	ND	250	190	76	43-146	
2-Methylnaphthalene	ug/L	ND	50	25.1	50	32-142	
4-Chlorotoluene	ug/L	ND	50	38.9	78	25-145	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	190	76	42-142	
Acetone	ug/L	ND	250	205	82	36-142	
Acrolein	ug/L	ND	250	150	60	28-122	
Acrylonitrile	ug/L	ND	250	187	75	48-137	
Benzene	ug/L	ND	50	37.1	74	49-135	
Bromobenzene	ug/L	ND	50	37.3	75	37-144	
Bromochloromethane	ug/L	ND	50	40.9	82	47-140	
Bromodichloromethane	ug/L	ND	50	36.8	74	55-133	
Bromoform	ug/L	ND	50	36.6	73	45-125	
Bromomethane	ug/L	ND	50	21.7	43	10-191	
Carbon disulfide	ug/L	ND	50	39.2	78	49-136	
Carbon tetrachloride	ug/L	ND	50	38.7	77	55-134	
Chlorobenzene	ug/L	ND	50	34.3	69	42-135	
Chloroethane	ug/L	ND	50	39.1	78	25-154	
Chloroform	ug/L	ND	50	35.7	71	57-130	
Chloromethane	ug/L	ND	50	42.2	84	17-129	
cis-1,2-Dichloroethene	ug/L	179	50	209	61	53-134	
cis-1,3-Dichloropropene	ug/L	ND	50	37.7	75	50-136	
Dibromochloromethane	ug/L	ND	50	36.7	73	53-133	
Dibromomethane	ug/L	ND	50	37.2	74	57-139	
Dichlorodifluoromethane	ug/L	ND	50	42.8	86	21-154	
Ethyl methacrylate	ug/L	ND	50	37.9J	76	56-148	
Ethylbenzene	ug/L	ND	50	36.3	73	28-147	
Hexachloro-1,3-butadiene	ug/L	ND	50	35.9	72	10-168	
Iodomethane	ug/L	ND	50	19.5	39	10-186	
Isopropylbenzene (Cumene)	ug/L	ND	50	37.0	74	27-151	
Methyl-tert-butyl ether	ug/L	ND	50	34.3	69	60-142	
Methylene Chloride	ug/L	ND	50	32.2	64	46-138	
n-Butylbenzene	ug/L	ND	50	38.3	77	10-153	
n-Hexane	ug/L	ND	50	38.4	77	46-155	
n-Propylbenzene	ug/L	ND	50	37.0	74	20-149	
Naphthalene	ug/L	ND	50	36.5	73	41-139	
p-Isopropyltoluene	ug/L	ND	50	37.4	75	15-155	
sec-Butylbenzene	ug/L	ND	50	38.9	78	17-153	
Styrene	ug/L	ND	50	35.9	72	42-139	
tert-Butylbenzene	ug/L	ND	50	38.3	77	18-123	
Tetrachloroethene	ug/L	95.3	50	133	75	32-140	
Toluene	ug/L	ND	50	36.8	74	42-131	
trans-1,2-Dichloroethene	ug/L	ND	50	41.9	84	57-138	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

MATRIX SPIKE SAMPLE: 2746620

Parameter	Units	50274204014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	50	35.6	71	47-128	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	32.6J	65	10-135	
Trichloroethene	ug/L	71.8	50	111	77	47-137	
Trichlorofluoromethane	ug/L	ND	50	40.4	81	42-163	
Vinyl acetate	ug/L	ND	200	89.3	45	10-114	
Vinyl chloride	ug/L	9.8	50	54.1	89	36-136	
Xylene (Total)	ug/L	ND	150	108	72	30-145	
4-Bromofluorobenzene (S)	%.				96	85-116	
Dibromofluoromethane (S)	%.				98	75-120	
Toluene-d8 (S)	%.				101	83-111	

SAMPLE DUPLICATE: 2746621

Parameter	Units	50274204015 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,1-Trichloroethane	ug/L	ND	ND		20	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,2-Trichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethene	ug/L	ND	ND		20	
1,1-Dichloropropene	ug/L	ND	ND		20	
1,2,3-Trichlorobenzene	ug/L	ND	ND		20	
1,2,3-Trichloropropane	ug/L	ND	ND		20	
1,2,4-Trichlorobenzene	ug/L	ND	ND		20	
1,2,4-Trimethylbenzene	ug/L	ND	ND		20	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1,2-Dichlorobenzene	ug/L	ND	ND		20	
1,2-Dichloroethane	ug/L	ND	ND		20	
1,2-Dichloropropane	ug/L	ND	ND		20	
1,3,5-Trimethylbenzene	ug/L	ND	ND		20	
1,3-Dichlorobenzene	ug/L	ND	ND		20	
1,3-Dichloropropane	ug/L	ND	ND		20	
1,4-Dichlorobenzene	ug/L	ND	ND		20	
1-Methylnaphthalene	ug/L	ND	ND		20	
2,2-Dichloropropane	ug/L	ND	ND		20	
2-Butanone (MEK)	ug/L	ND	ND		20	
2-Chlorotoluene	ug/L	ND	ND		20	
2-Hexanone	ug/L	ND	ND		20	
2-Methylnaphthalene	ug/L	ND	ND		20	
4-Chlorotoluene	ug/L	ND	ND		20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		20	
Acetone	ug/L	ND	ND		20	
Acrolein	ug/L	ND	ND		20	
Acrylonitrile	ug/L	ND	ND		20	
Benzene	ug/L	ND	ND		20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

SAMPLE DUPLICATE: 2746621

Parameter	Units	50274204015 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		20	
Bromochloromethane	ug/L	ND	ND		20	
Bromodichloromethane	ug/L	ND	ND		20	
Bromoform	ug/L	ND	ND		20	
Bromomethane	ug/L	ND	ND		20	
Carbon disulfide	ug/L	ND	ND		20	
Carbon tetrachloride	ug/L	ND	ND		20	
Chlorobenzene	ug/L	ND	ND		20	
Chloroethane	ug/L	ND	ND		20	
Chloroform	ug/L	ND	ND		20	
Chloromethane	ug/L	ND	ND		20	
cis-1,2-Dichloroethene	ug/L	ND	ND		20	
cis-1,3-Dichloropropene	ug/L	ND	ND		20	
Dibromochloromethane	ug/L	ND	ND		20	
Dibromomethane	ug/L	ND	ND		20	
Dichlorodifluoromethane	ug/L	ND	ND		20	
Ethyl methacrylate	ug/L	ND	ND		20	
Ethylbenzene	ug/L	ND	ND		20	
Hexachloro-1,3-butadiene	ug/L	ND	ND		20	
Iodomethane	ug/L	ND	ND		20	
Isopropylbenzene (Cumene)	ug/L	ND	ND		20	
Methyl-tert-butyl ether	ug/L	ND	ND		20	
Methylene Chloride	ug/L	ND	ND		20	
n-Butylbenzene	ug/L	ND	ND		20	
n-Hexane	ug/L	ND	ND		20	
n-Propylbenzene	ug/L	ND	ND		20	
Naphthalene	ug/L	ND	ND		20	
p-Isopropyltoluene	ug/L	ND	ND		20	
sec-Butylbenzene	ug/L	ND	ND		20	
Styrene	ug/L	ND	ND		20	
tert-Butylbenzene	ug/L	ND	ND		20	
Tetrachloroethene	ug/L	ND	ND		20	
Toluene	ug/L	ND	ND		20	
trans-1,2-Dichloroethene	ug/L	ND	ND		20	
trans-1,3-Dichloropropene	ug/L	ND	ND		20	
trans-1,4-Dichloro-2-butene	ug/L	ND	ND		20	
Trichloroethene	ug/L	ND	ND		20	
Trichlorofluoromethane	ug/L	ND	ND		20	
Vinyl acetate	ug/L	ND	ND		20	
Vinyl chloride	ug/L	ND	ND		20	
Xylene (Total)	ug/L	ND	ND		20	
4-Bromofluorobenzene (S)	%.	94	93			
Dibromofluoromethane (S)	%.	100	99			
Toluene-d8 (S)	%.	97	98			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

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 adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

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

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Houghland Canning FSI #4
Pace Project No.: 50273799

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50273799001	**MW-40**	EPA 5030/8260	595253		
50273799002	**MW-40D**	EPA 5030/8260	595253		
50273799003	**MW-39**	EPA 5030/8260	595253		
50273799004	**MW-39D**	EPA 5030/8260	595253		
50273799005	**MW-37**	EPA 5030/8260	595253		
50273799006	**MW-37D**	EPA 5030/8260	595253		
50273799007	**MW-16**	EPA 5030/8260	595253		
50273799008	**MW-28**	EPA 5030/8260	595253		
50273799009	**MW-43**	EPA 5030/8260	595253		
50273799010	**MW-43D**	EPA 5030/8260	595253		
50273799011	**MW-34**	EPA 5030/8260	595253		
50273799012	**MW-34D**	EPA 5030/8260	595253		
50273799013	**MW-35**	EPA 5030/8260	595253		
50273799014	**MW-35D**	EPA 5030/8260	595253		
50273799015	**MW-36**	EPA 5030/8260	595253		
50273799016	**MW-36D**	EPA 5030/8260	595253		
50273799017	**MW-15**	EPA 5030/8260	595253		
50273799018	**MW-15D**	EPA 5030/8260	595255		
50273799019	**MW-14**	EPA 5030/8260	595255		
50273799020	**MW-14D**	EPA 5030/8260	595255		
50273799021	**MW-44**	EPA 5030/8260	595255		
50273799022	**MW-44D**	EPA 5030/8260	595255		
50273799023	**MW-45**	EPA 5030/8260	595255		
50273799024	**MW-45D**	EPA 5030/8260	595255		
50273799025	**MW-49**	EPA 5030/8260	595255		
50273799026	**MW-49D**	EPA 5030/8260	595255		
50273799027	**MW-48**	EPA 5030/8260	595255		
50273799028	**MW-48D**	EPA 5030/8260	595255		
50273799029	**MW-46**	EPA 5030/8260	595255		
50273799030	**MW-46I**	EPA 5030/8260	595255		
50273799031	**MW-46D**	EPA 5030/8260	595255		
50273799032	**MW-47**	EPA 5030/8260	595255		
50273799033	**MW-47I**	EPA 5030/8260	595255		
50273799034	**MW-47D**	EPA 5030/8260	595255		
50273799035	**DUP-3**	EPA 5030/8260	595357		
50273799036	**TRIP BLANK**	EPA 5030/8260	595357		

REPORT OF LABORATORY ANALYSIS

WO# : 50273799

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50273799

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A — Required Client Information:

Company:	Patriot_Indianapolis
Address:	6150 E 75th St
	Indianapolis, IN 46250
Email:	jcody@patrioteng.com
Phone:	(317)576-8058 Fax: —
Requested Due Date:	NORMAL

Required Project Information:

Report To:	James Cody
Copy To:	MIKE CASPER
Purchase Order #:	—
Project Name:	Houghland Canning FSI #4
Project #:	20-0963-01E

Section C — Invoice Information:

Attention:	AP @ patrioteng.com
Company Name:	Patriot
Address:	—SAME—
Pace Quote:	
Pace Project Manager:	tina.sayer@pacelabs.com,
Pace Profile #:	6950

Regulatory Agency

State / Location: IN

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Analyses Test: VOC by 8260	Residual Chlorine (Y/N)	
1	MW-40	WT	G			11/18/20	8:30		3				3						X		001
2	MW-40D	"	"			"	9:20		3				3						X		002
3	MW-39	"	"			"	10:10		3				3						X		003
4	MW-39D	"	"			"	11:00		3				3						X		004
5	MW-37	"	"			"	11:50		3				3						X		005
6	MW-37D	"	"			"	12:40		3				3						X		006
7	MW-16	"	"			"	14:00		3				3						X		007
8	MW-28	"	"			"	15:00		3				3						X		008
9	MW-43	"	"			"	16:00		3				3						X		009
10	MW-43D	"	"			"	17:00		3				3						X		010
11	MW-34	"	"			"	10:15		3				3						X		011
12	MW-34D	"	"			"	10:50		3				3						X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
* Standard 2-week TAT	VShah / Patriot	11/19/20		CBarnes	11/19/20	1630	0.7	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: VISHAL SHAH / MACK RUNYON

SIGNATURE of SAMPLER: VShah / MRunyon — DATE Signed: 11-19-2020

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A
Required Client Information:
Company: Patriot_Indianapolis
Address: 6150 E 75th St
Indianapolis, IN 46250
Email: jcody@patrioteng.com
Phone: (317)576-8058 Fax: —
Requested Due Date: NORMAL

Section B
Required Project Information:
Report To: James Cody
Copy To: MIKE CASPER
Purchase Order #: —
Project Name: Houghland Canning FSI #4
Project #: [redacted] 20-0963-01E

Section C
Invoice Information:
Attention: AP @ patrioteng.com
Company Name:
Address: — SAME —
Pace Quote:
Pace Project Manager: lina.sayer@pacelabs.com,
Pace Profile #: 6950

Regulatory Agency
State / Location: IN

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	IN VOC 8260	Residual Chlorine (Y/N)	
13	MW-35	~~WT~~ GW	G			11/18/20	11:40		3				3						X		013
14	MW-35D	~~WT~~ GW	"			"	12:15		3				3						X		014
15	MW-36	~~WT~~ GW	"			"	13:00		3				3						X		015
16	MW-36D	~~WT~~ GW	"			"	13:40		3				3						X		016
17	MW-15	~~WT~~ GW	"			"	15:00		3				3						X		017
18	MW-15D	~~WT~~ GW	"			"	15:45		3				3						X		018
19	MW-14	~~WT~~ GW	"			"	16:25		3				3						X		019
20	MW-14D	~~WT~~ GW	"			"	17:10		3				3						X		020
21	MW-44	~~WT~~ GW	"			11/19/20	9:00		3				3						X		021
22	MW-44D	~~WT~~ GW	"			"	9:50		3				3						X		022
23	MW-45	~~WT~~ GW	"			"	11:00		3				3						X		023
24	MW-45D	~~WT~~ GW	"			"	11:50		3				3						X		024

Matrix codes: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Other OT, Tissue TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
* Standard 2-Week TAT	VShah / Patriot	11/19/20		[signature]	11/19/20	1630	6.7	4	4	4
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: VISHAL SHAH / MACK RUNYON
SIGNATURE of SAMPLER: [signature] DATE Signed: 11-19-2020

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A	Section B	Section C
Required Client Information:	Required Project Information:	Invoice Information:
Company: Patriot_Indianapolis	Report To: James Cody	Attention: AP @ patrioteng.com
Address: 6150 E 75th St	Copy To: MIKE CASPER	Company Name: SAME
Indianapolis, IN 46250		Address:
Email: jcody@patrioteng.com	Purchase Order #: —	Pace Quote:
Phone: (317)576-8058 Fax: —	Project Name: Houghland Canning FSI #4	Pace Project Manager: tina.sayer@pacelabs.com,
Requested Due Date: NORMAL	Project #: 20-0963-01E	Pace Profile #: 6950

Regulatory Agency

State / Location: IN

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test: Y/N	IN VOC 8260	Residual Chlorine (Y/N)	
25	MW-49	WT	G			11/19/20	12:40		3				3						X		025
26	MW-49D	"	"			"	13:80		3				3						X		026
27	MW-48	"	"			"	14:20		3				3						X		027
28	MW-48D	"	"			"	15:00		3				3						X		028
29	MW-46	"	"			"	11:55		3				3						X		029
30	MW-46I	"	"			"	11:15		3				3						X		030
31	MW-46D	"	"			"	10:25		3				3						X		031
32	MW-47	"	"			"	14:25		3				3						X		032
33	MW-47I	"	"			"	13:40		3				3						X		033
34	MW-47D	"	"			"	12:50		3				3						X		034
35	MS-3	"	"			"	12:40		3				3						X		—
36	MSD-3	"	"			"	—		3				3						X		—

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*Standard 2-week TAT	VShah / Patriot	11/19/20		C Bennes	11/19/20	1630	0.7	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: VISHAL SHAH / MACK RUNYON

SIGNATURE of SAMPLER: VShah / Mack Runyon DATE Signed: 11-19-2020

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Patriot_Indianapolis	Report To:	James Cody	Attention:	AP @ patrioteng.com
Address:	6150 E 75th St	Copy To:	MIKE CASPER	Company Name:	SAME
Indianapolis, IN 46250				Address:	
Email:	jcody@patrioteng.com	Purchase Order #:	—	Pace Quote:	
Phone:	(317)576-8058 Fax: —	Project Name:	Houghland Canning FSI #4	Pace Project Manager:	tina.sayer@pacelabs.com,
Requested Due Date:	NORMAL	Project #:	20-0963-01E	Pace Profile #:	6950

Regulatory Agency

State / Location: IN

Requested Analysis Filtered (Y/N)

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	IN VOC ~~Br bulk 5035~~ 8260	~~IN Trip Blank~~	Residual Chlorine (Y/N)	
37	DUP-3	WT	G	—		11/19/20	—		3				3						X			035
38	Trip Blank	WT	—	—		—	—		3				3						X			036
39																							
40																							
41																							
42																							
43																							
44																							
45																							
46																							
47																							
48																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
* Standard 2-week TAT	VS / Patriot	11/19/20		CB Burnes	11/19/20	1635	0.7	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: VISHAL SHAH / MACK RUYNON

SIGNATURE of SAMPLER: VS / MR DATE Signed: 11-19-2020

Pace Analytical

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: CSB 11/19/20 1630

Courier: CSB Fed Ex UPS Client Pace USPS Other _____

Custody Seal on Cooler/Box Present: Yes No **(If yes)Seals Intact:** Yes No **(leave blank if no seals were present)**

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer: 1 2 3 4 5 6 A B C D E F **Ice Type:** Wet Blue None

Cooler Temperature: 0.8/0.7 (Initial/Corrected) **If temp. is over 6°C or under 0°C, was the PM notified?:** Yes No

Temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
Are samples from West Virginia? Document any containers out of temp.		✓	All containers needing acid/base pres. Have been CHECKED?: **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form			✓
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓				
Short Hold Time Analysis (48 hours or less)? Analysis:		✓		Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Rush TAT Requested (4 days or less):		✓	Headspace Wisconsin Sulfide?			✓
Custody Signatures Present?	✓		Headspace in VOA Vials (>6mm):		✓	
Containers Intact?:	✓		Trip Blank Present?	✓		
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?:	✓		
Extra labels on Terracore Vials? (soils only)		✓				

COMMENTS: No time given on any of the "relinquished" boxes - csb

COC PAGE 1 of 4

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H / VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>10
1			3																							WT			
2			↓																							↓			
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11			↓																							↓			
12			3																							WT			

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass
VSG	Headspace septa vial & HCl	BG1H	1L HCl clear glass
WGKU	8oz unpreserved clear jar	BG1S	1L H2SO4 clear glass
WGFU	4oz clear soil jar	BG1T	1L Na Thiosulfate clear glass
JGFU	4oz unpreserved amber wide	BG1U	1L unpreserved glass
CG3H	250mL clear glass HCl	BG3H	250mL HCl Clear Glass

Plastic / Misc.

BG3U	250mL Unpres Clear Glass
BP1A	1L NaOH, Asc Acid plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic (field filtered)
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 2 of 4

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H / VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>10
1			3																							WT			
2			↓																							↓			
3			↓																							↓			
4			↓																							↓			
5			↓																							↓			
6			↓																							↓			
7			↓																							↓			
8			↓																							↓			
9			↓																							↓			
10			↓																							↓			
11			↓																							↓			
12			3																							WT			

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass	BG3U	250mL Unpres Clear Glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass	BP1A	1L NaOH, Asc Acid plastic
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass	BP1N	1L HNO3 plastic
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass	BP1S	1L H2SO4 plastic
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass	BP1U	1L unpreserved plastic
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass	BP1Z	1L NaOH, Zn, Ac
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass	BP2A	500mL NaOH, Asc Acid plastic
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass	BP2O	500mL NaOH plastic
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass	BP2S	500mL H2SO4 plastic
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass	BP2U	500mL unpreserved plastic
VSG	Headspace septa vial & HCl	BG1H	1L HCl clear glass	BP2Z	500mL NaOH, Zn Ac
WGKU	8oz unpreserved clear jar	BG1S	1L H2SO4 clear glass	BP3B	250mL NaOH plastic
WGFU	4oz clear soil jar	BG1T	1L Na Thiosulfate clear glass	BP3N	250mL HNO3 plastic
JGFU	4oz unpreserved amber wide	BG1U	1L unpreserved glass	BP3F	250mL HNO3 plastic (field filtered)
CG3H	250mL clear glass HCl	BG3H	250mL HCl Clear Glass		

Plastic / Misc.

BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

COC PAGE 3 of 4

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>10
1			3																							WT			
2			↓																							↓			
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11			↓																							↓			
12			3																							WT			

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass	BG3U	250mL Unpres Clear Glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass	BP1A	1L NaOH, Asc Acid plastic
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass	BP1N	1L HNO3 plastic
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass	BP1S	1L H2SO4 plastic
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass	BP1U	1L unpreserved plastic
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass	BP1Z	1L NaOH, Zn, Ac
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass	BP2A	500mL NaOH, Asc Acid plastic
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass	BP2O	500mL NaOH plastic
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass	BP2S	500mL H2SO4 plastic
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass	BP2U	500mL unpreserved plastic
VSG	Headspace septa vial & HCl	BG1H	1L HCl clear glass	BP2Z	500mL NaOH, Zn Ac
WGKU	8oz unpreserved clear jar	BG1S	1L H2SO4 clear glass	BP3B	250mL NaOH plastic
WGFU	4oz clear soil jar	BG1T	1L Na Thiosulfate clear glass	BP3N	250mL HNO3 plastic
JGFU	4oz unpreserved amber wide	BG1U	1L unpreserved glass	BP3F	250mL HNO3 plastic (field filtered)
CG3H	250mL clear glass HCl	BG3H	250mL HCl Clear Glass		

Plastic / Misc.

BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

WT	Water
SL	Solid
NAL	Non-aqueous liquid
WP	Wipe

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Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit R	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH>10
1			3																								WT			
2			3																								WT			
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass	BG3U	250mL Unpres Clear Glass
DG9H	40mL HCl amber voa vial	AG1H	1L HCl amber glass	BP1A	1L NaOH, Asc Acid plastic
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass	BP1N	1L HNO3 plastic
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass	BP1S	1L H2SO4 plastic
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass	BP1U	1L unpreserved plastic
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DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass	BP2A	500mL NaOH, Asc Acid plastic
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass	BP2O	500mL NaOH plastic
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpres amber glass	BP2S	500mL H2SO4 plastic
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass	BP2U	500mL unpreserved plastic
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SP5T	120mL Coliform Na Thiosulfate
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NAL	Non-aqueous liquid
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