QUARTERLY MONITORING REPORT (QMR) COVER SHEET AND REPORT FORMAT

State Form 56087 (6-16)
329 IAC 9-5
Indiana Department of Environmental Management
Office of Land Quality
Leaking Underground Storage Tank Section

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Attention: Leaking UST Section
Office of Land Quality
100 N. Senate Ave., MC 67-18, IGCN 1101
Indianapolis, IN 46204-2251

INSTRUCTIONS:

1. *This form is intended to assist with the organization of the Quarterly Monitoring Report (QMR). Additional information and guidance may be found in Rule 329 IAC 9-5-7(f)(1)(L) and Chapter 3 of the Remediation Program Guide.*
2. *The Cover Sheet should be attached as cover to your QMR submittal. The directions for the required QMR format are not required to be attached.*
3. *Depending on the nature of the project, some of the following sections or appendices may not be applicable. If this is the case, do not leave the section blank, omit, or reorder the appendices. Instead, enter "Not Applicable" or other explanation to indicate that the section does not apply or that information is not available, and why.*

A. FACILITY INFORMATION

Quarter: 2	Year: 2024	**FACILITY IDENTIFICATION NUMBER: 15981**
Facility Name: Former Jiffy Mini Mart (Phillip 66)		LUST Incident Number(s): **201610502**
Street Address *(number and street)*: 1301 Poplar Street		
City: Terre Haute	County: Vigo	ZIP Code: 47807

B. CURRENT SITE PRIORITY INFORMATION

Was free product present this quarter?	☐ YES	☒ NO
Are vapors detected in any confined spaces (basements, sewers, etc.)?	☐ YES	☒ NO
Are utilities impacted or likely to be acting as conduits for contaminant migration?	☐ YES	☒ NO
Are any drinking water wells impacted?	☐ YES	☒ NO

C. SAMPLING INFORMATION

Purpose for monitoring:	☒ Site Characterization ☐ Remediation Progress ☒ Plume Stability ☐ Closure
Product type:	☒ Gasoline ☐ Diesel ☐ Waste Oil ☐ Other
Number of monitoring wells sampled this quarter:	5
Number of monitoring wells installed:	22
Groundwater sampling method:	☐ Low Flow ☐ No Purge ☒ Purge
Groundwater analytical method(s):	☒ VOCs 8260 ☐ SVOCs ☐ PAHs ☐ Metals

D. SYSTEM INFORMATION

Active remediation system:	System type: NA	Start-up date *(month, day, year)*:
Number of extraction wells:		
Number of air sparge wells:		
Percent of time system was operational this quarter:		%

E. TANK(S) OWNER INFORMATION		
Owner Name:BDS Oil Company LLC		
Street Address *(number and street)*:1301 Poplar Street		
City: Terre Haute	State: IN	ZIP Code: 47807
Contact Person: Japneet S. Khaira	Telephone Number: (812) 252-5200	
E-mail Address: khairajapneet@yahoo.com		

F. REPORT PREPARER INFORMATION		
Company Name: IWM Consulting Group, LLC		
Street Address *(number and street)*: 7428 Rockville Road		
City: Indianapolis	State: IN	ZIP Code: 46214
Contact Person: Mandy Hall	Telephone Number: (317) 565-1618	
E-mail Address: mhall@iwmconsult.com		

G. CERTIFICATION OF REPORT COMPLETION

I, the undersigned environmental professional, hereby attest to the best of my knowledge and belief that the statements in this document and all attachments are true, accurate, and completed per 329 IAC 9-5-7(f)(1)(L). I certify that the attached report was submitted to IDEM Leaking Underground Storage Tank Section on the date listed below.

Name	Position	Company	Date *(month, day, year)*
Mandy Hall , CHMM #13989	Project Manager	IWM Consulting Group	6/27/2024

Environmental Professional Credentials

Signature: Mandy Hall Date *(month, day, year)*: 6/27/2024

Please note, per 329 IAC 9, this document must be signed by a Registered Professional Engineer, a Licensed Professional Geologist, a Certified Hazardous Materials Manager, or a Professional Soil Scientist. All must be specifically certified in the State of Indiana.

Additional Signatures (as appropriate or desired)

Signature: _____ Date *(month, day, year)*: _____

Printed name: _____

Signature: _____ Date *(month, day, year)*: _____

Printed name: _____

QUARTERLY MONITORING REPORT
FORMER JIFFY MINI MART (PHILLIPS 66)
1301 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID No. 15981
IDEM INCIDENT No. 201610502

Prepared For:

Mr. Stephen Onochie
Indiana Department of Environmental Management
Office of Land Quality
Petroleum Branch
Petroleum Remediation Section
100 North Senate Avenue, Room 1101
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Project No. IN 23008

June 27, 2024

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EXECUTIVE SUMMARY

This *Quarterly Monitoring Report (QMR)* is being submitted by IWM Consulting Group, LLC (IWM Consulting) to the Indiana Department of Environmental Management (IDEM) on behalf of BDS Oil Company LLC for the Former Jiffy Mini Mart facility (Phillips 66) located at 1301 Poplar Street in Terre Haute, Indiana (site). The *QMR* summarizes the 1st quarter groundwater sampling event of 2024. At IDEM's request, the quarterly sampling event was coordinated with the quarterly sampling event of the Superstation (Marathon Station) facility located at 1257 Poplar Street (FID No. 24197 / LUST Incident No. 202103505) on the adjacent property west (downgradient) of the site.

The site is occupied by a convenience store and an underground storage tank (UST) system. The UST cavity, consisting of two 10,000-gallon gasoline USTs closed in place, one active 10,000-gallon gasoline UST, and one active 2,000-gallon kerosene UST, is located on the west portion of the site.

On September 29, 2016, a leak in the midgrade gasoline UST was observed during a tank tightness test. A confirmed release was reported to IDEM by Golars Environmental Engineering (Golars) on September 30, 2016.

In October and November 2016, Initial Site Characterization (ISC) activities were completed, and an *ISC Report* was submitted to IDEM on November 28, 2016. As part of ISC activities, three temporary groundwater monitoring wells (TMW-1, TMW-2, and TMW-3) were installed onsite. Soil samples collected during ISC activities were analyzed for volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) SW-846 Method 8260 and total lead using USEPA SW-846 Method 6010. Adsorbed VOC concentrations were observed in the area of the UST cavity at approximately 20 to 26 feet below ground surface (bgs); however, none of the VOC or total lead concentrations in soil exceeded *Risk-Based Closure Guide* (R2) Excavation Soil Published Levels (XSPLs), Commercial Soil Published Levels (CSPLs), or Residential Soil Published Levels (RSPLs). Free product was observed in the three temporary monitoring well locations during ISC activities.

Between February 2018 and March 2018, eight monitoring wells (MW-1 through MW-8) were installed to delineate petroleum impacts to soil and groundwater as part of Further Site Investigation (FSI) activities. Soil and groundwater samples collected during FSI activities were analyzed for VOCs using USEPA SW-846 Method 8260, polyaromatic hydrocarbons (PAHs) using USEPA SW-846 Method 8270, and total lead using USEPA SW-846 Method 6010. None of the VOC, PAH, and total lead concentrations exhibited in soil samples collected during FSI activities exceeded R2 XSPLs, CSPLs, or RSPLs. Free product was observed in monitoring wells MW-2, MW-3, MW-4, MW-5, and MW-7 during gauging events completed during FSI activities in March 2018. In addition, VOC, PAH, and/or total lead concentrations were exhibited in all eight monitoring wells exceeding R2 Groundwater Published Levels (GWPLs).

Between September 2019 and February 2020, 12 monitoring wells (MW-9 through MW-20) were installed both onsite and offsite to delineate petroleum impacts as part of FSI activities. Soil samples collected during FSI activities between 2019 and 2020 were analyzed for VOCs using USEPA SW-846 Method 8260. None of the VOC concentrations exhibited in the soil samples during FSI activities exceeded R2 XSPLs, CSPLs, or RSPLs. Groundwater samples were collected from the monitoring well network (MW-1 through MW-20) in 2019 and 2020 as part of FSI activities and analyzed for VOCs using USEPA SW-846 Method 8260. VOC concentrations were detected in onsite and offsite monitoring wells exceeding R2 GWPLs.

On January 28, 2021, two monitoring wells (MW-21 and MW-22) were installed offsite as part of FSI activities to delineate petroleum impacts west of monitoring well MW-12, west/northwest of monitoring well MW-13, and between monitoring wells MW-7 and MW-12. Soil samples collected during FSI activities on January 28, 2021, were analyzed for VOCs using USEPA SW-846 Method 8260. None of the VOC concentrations exhibited in the soil samples during FSI activities exceeded R2 XSPLs, CSPLs, or RSPLs. Groundwater samples were collected from monitoring wells MW-21 and MW-22 on February 3, 2021, as part of FSI activities and analyzed for VOCs using USEPA SW-846 Method 8260. VOCs were detected in groundwater samples from both monitoring wells exceeding R2 GWPLs.

This groundwater sampling event was coordinated with the Superstation facility (FID No. 24197) located downgradient, west of the site. During a meeting with IDEM on February 8, 2024, IDEM requested that only 10 of the 21 monitoring wells in the monitoring well network be gauged and sampled during quarterly sampling. Therefore, on May 15, 2024, IWM Consulting attempted to gauge and sample the 10 monitoring wells including MW-1, MW-9, MW-10, MW-12, MW-13, MW-14, MW-15, MW-18, MW-21, and MW-22. Five of the 10 monitoring wells (MW-9, MW-12, MW-13, MW-15, and MW-22) were dry or did not contain enough groundwater to be sampled. Groundwater flow calculated using site data and data from the Superstation facility on May 15, 2024, was to the northwest which is consistent with historical groundwater flow. Groundwater samples were analyzed for VOCs. VOC concentrations associated with the dissolved petroleum plume were detected at concentrations exceeding R2 GWPLs in three of the sampled monitoring wells.

Chlorinated VOCs, including tetrachloroethene (PCE) and vinyl chloride, have been detected in six offsite monitoring wells over the last six sampling events exceeding R2 GWPLs. The chlorinated VOC concentrations do not appear to be associated with the site.

During the February 8, 2024 meeting, IDEM also requested the abandonment of monitoring wells MW-11 and MW-17. Therefore, IWM Consulting abandoned the two monitoring wells on May 3, 2024.

Due to the groundwater analytical results and groundwater flow direction exhibited for the site and the Superstation facility on May 15, 2024, the source of the dissolved petroleum plume appears to be a comingled plume between both facilities. IWM Consulting will continue coordinating quarterly groundwater sampling events with the Superstation facility (FID No. 24197). A limited number of monitoring wells will be sampled in subsequent quarters as requested by IDEM.

On February 22, 2024, IWM Consulting submitted a High-Resolution Site Characterization (HRSC) Work Plan for the site. IDEM approved the HRSC Work Plan on May 22, 2024. IWM Consulting is working on the scope of work (SOW) for the HRSC which will be submitted to IDEM for approval.

1.0 SITE DESCRIPTION

1.1 Regional Location

The former Jiffy Mini Mart (Phillip 66) (site) is located within Vigo County, Indiana on the Terre Haute, Indiana 7.5-minute series United States Geological Survey (USGS) Quadrangle Map within Township 12 North, Range 9 West, in the northwest quarter of Section 27. Universal Transverse Mercator (UTM) coordinates are 39.462619º latitude and -87.397242º longitude.

Based upon the USGS topographic map, the site is located at an elevation of ~500 feet above sea level, and the general topography of the surrounding area slopes slightly west towards the Wabash River, which is located approximately 1.5 miles west of the site.

A map depicting the site location is included in **Figure 1** (Site Location Map). The surrounding areas and properties are provided as **Figure 2** (Site Map).

1.2 Site Location

The site is located at 1301 Poplar Street, Terre Haute, Indiana, on the southeast corner of the intersection of Poplar Street and South 13th Street. Poplar Street borders the site to the north followed by a car dealership. South 13th Street borders the site to the west followed by a Marathon gasoline station (FID No. 24197) with an active Leaking Underground Storage Tank (LUST) incident number (LUST Incident No. 202103505). American Welding & Gas Company borders the site to the east followed by South 13 ½ Street. An unnamed alley borders the site to the south followed by residential properties.

The site is occupied by an operating convenience store and gasoline station. The convenience store building is located on the southern portion of the site. An underground storage tank (UST) cavity consisting of two 10,000-gallon gasoline USTs closed in place, one active 10,000-gallon gasoline UST and one active 2,000-gallon kerosene UST is located on the west portion of the site. The canopy and fuel dispenser islands are located on the north-central portion of the site. A total of 22 monitoring wells (MW-1 through MW-10, MW-11R, and MW-12 through MW-22) have been installed on and offsite during initial site characterization (ISC) and further site investigation (FSI) activities. A map depicting the site features is included in **Figure 2**.

Site utilities include a buried natural gas line, buried water main, buried sanitary sewer, buried electric lines, and overhead electric lines. Natural gas enters the building from the south and likely runs along the unnamed alley south of the site. Overhead electrical lines border the site to the south, and buried electric lines are located in various areas along the UST system. The water line and sanitary sewer line enter the site off Poplar Street and enter the building on the northwest corner.

2.0 FREE PRODUCT RECOVERY

Historically, free product was observed in five monitoring wells (MW-2, MW-3, MW-4, MW-5, and MW-7) during quarterly sampling events completed in 2018. Free product was not observed in the monitoring well network again until February 2021 when free product was observed in six monitoring wells (MW-2, MW-3, MW-7, MW-10, MW-11R, and MW-22).

During the most recent quarterly sampling event completed on May 15, 2024, free product was not observed in the 10 monitoring wells gauged this quarter. However, five of the gauged monitoring wells (MW-9, MW-12, MW-13, MW-15, and MW-22) were dry or did not contain enough groundwater to detect a reading.

3.0 ACTIVE REMEDIATION SYSTEM INFORMATION

No active remediation system is present at the subject site.

3.1 Type of Remediation System

Not applicable for this site.

3.2 Remediation System History

Not applicable for this site.

3.3 Percent of Time Remediation System was Operational This Quarter

Not applicable for this site.

3.4 Methods Utilized for Remediation System Sampling

Not applicable for this site.

4.0 SAMPLING METHOD DESCRIPTION

4.1 Sampling Methods Utilized

During a meeting with IDEM on February 8, 2024, IDEM requested that only 10 of the 21 monitoring wells in the monitoring well network be gauged and sampled during quarterly sampling. Therefore, on May 15, 2024, IWM Consulting attempted to sample the 10 monitoring wells including MW-1, MW-9, MW-10, MW-12, MW-13, MW-14, MW-15, MW-18, MW-21, and MW-22. However, five monitoring wells (MW-9, MW-12, MW-13, MW-15, and MW-22) were dry or did not contain enough groundwater to be sampled. During the February 8, 2024 meeting, IDEM also requested that monitoring wells MW-11 and MW-17 be abandoned. Therefore, IWM Consulting abandoned the two monitoring wells on May 3, 2024.

Before sampling, the 10 monitoring wells were opened, allowed to equilibrate, and then gauged with an electronic interface probe. The purge volumes were calculated from the well gauging data and IWM Consulting personnel purged three well volumes utilizing dedicated disposable polyethylene bailers from each well before groundwater sample collection.

4.2 Groundwater Sample Collection

Following purging activities, five monitoring wells (MW-1, MW-10, MW-14, MW-18, and MW-21) were sampled utilizing dedicated disposable polyethylene bailers. Groundwater samples were collected and analyzed for volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) SW-846 Method 8260. The groundwater samples were placed in laboratory-supplied containers, which consisted of 40 mL vials preserved with hydrochloric acid (HCl) for VOC analysis. Sample containers were labeled, documented on a chain-of-custody record, and placed in a cooler with ice. The samples were then transported to Pace Analytical, LLC (Pace) in Indianapolis, Indiana for laboratory analysis.

4.3 Quality Assurance/Quality Control (QA/QC) Samples

A field duplicate sample was collected during this quarterly sampling event from monitoring well MW-10 for quality assurance/quality control (QA/QC) purposes. A trip blank was also utilized for QA/QC purposes. Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples are not required during corrective action monitoring activities, nor have they been requested by the IDEM for the subject site.

4.4 Unfiltered and/or Filtered Metals Samples

Metals are not contaminants of concern (COCs) at the subject site; therefore, no filtered or unfiltered metal samples were collected during this quarter.

4.5 Decontamination Procedures and Purge Water Management

The electronic interface probe utilized to gauge the monitoring wells was decontaminated utilizing an Alconox® wash, followed by a tap water rinse and a final distilled water rinse. The

monitoring wells were sampled utilizing dedicated disposable polyethylene bailers; therefore, sampling equipment decontamination was not applicable. Decontamination water and purged groundwater were placed into properly labeled 55-gallon drums and secured on-site for subsequent disposal by a licensed waste transporter.

4.6 Groundwater Sampling Locations

Groundwater sampling locations are presented in **Figure 3** (Groundwater Analytical Map).

4.7 Depth to Groundwater Measurements

Ten monitoring wells were gauged on May 15, 2024, for groundwater elevation control and potentiometric mapping purposes. Two monitoring wells (MW-9 and MW-12) were dry and could not be gauged. The depth to groundwater measured in the monitoring well network ranged from 24.21 feet below ground surface (bgs) in monitoring well MW-10 to 26.65 feet bgs in monitoring well MW-1. Groundwater flow calculated on May 15, 2024, using data from the site and the Superstation facility (FID No. 24197) was calculated to the northwest which is consistent with historical groundwater flow. Depth to groundwater measurements for this quarterly sampling event are presented in **Table 1**. Groundwater elevations and groundwater flow directions are illustrated in **Figure 4** (Groundwater Potentiometric Map). Historical groundwater elevation data is summarized in **Appendix A**.

Table 1. Current Groundwater Gauging
May 15, 2024 (all units in feet)

Monitoring Well ID	Top of Casing Elevation	Depth to Ground Water	Groundwater Elevation	Free Product Thickness	Corrected Groundwater Elevation	Monitoring Well Depth	Monitoring Well Screen Interval
MW-1	101.56	26.65	74.91	--	74.91	29.48	19.48 – 29.48
MW-2	99.10	--	--	--	72.80	29.58	19.58 – 29.58
MW-3	99.35	--	--	--	72.72	29.50	19.50 – 29.50
MW-4	100.69	--	--	--	73.32	29.54	19.54 – 29.54
MW-5	99.61	--	--	--	72.80	29.53	19.53 – 29.53
MW-6	98.53	--	--	--	72.70	29.42	19.42 – 29.42
MW-7	99.11	--	--	--	72.61	30.00	20.00 – 30.00
MW-8	99.24	--	--	--	72.80	29.33	19.33 – 29.33
MW-9	99.82	Dry	--	--	--	25.20	15.72 – 25.72
MW-10	98.64	24.21	74.43	--	74.43	25.44	15.44 – 25.44
MW-11R	100.24	--	--	--	--	25.30	15.31 – 25.31
MW-12	99.02	Dry	--	--	--	25.31	15.31 – 25.31
MW-13	99.29	25.36	73.93	--	73.93	25.45	15.45 – 25.45
MW-14	99.24	24.94	74.30	--	74.30	25.26	15.26 – 25.26
MW-15	100.79	25.35	75.44	--	75.44	25.42	15.42 – 25.42
MW-16	99.07	--	--	--	--	25.25	15.25 – 25.25
MW-18	99.93	26.24	73.69	--	73.69	27.77	17.77 – 27.77
MW-19	99.07	--	--	--	--	24.62	14.62 – 24.62
MW-20	98.79	--	--	--	--	25.62	15.62 – 25.62
MW-21	99.91	25.03	74.88	--	74.88	29.49	19.49 – 29.49
MW-22	101.23	25.44	75.79	--	75.79	25.61	15.61 – 25.61

4.8 Field Data

Field notes are presented in **Appendix B**. Stability parameter measurement data and field screening data were not applicable for this quarterly sampling event.

5.0 DATA DISCUSSION AND RESULTS

5.1 Groundwater Analytical Results

Five of the 21 monitoring wells (MW-1, MW-10, MW-14, MW-18, and MW-21) in the monitoring well network were sampled on May 15, 2024. Monitoring wells MW-9, MW-12, MW-13, MW-15, and MW-22 did not contain enough groundwater to collect a sample. The remaining 12 monitoring wells were not sampled per IDEM request. Groundwater samples were analyzed for VOCs. This groundwater sampling event was coordinated with the Superstation facility (Incident No. 202103505) located on the adjacent property west (downgradient) of the site.

The groundwater analytical results were compared to *Risk-Based Closure Guide* (R2) Groundwater Published Levels (GWPLs). VOC concentrations associated with the dissolved petroleum plume were detected at concentrations exceeding R2 GWPLs in three of the sampled monitoring wells.

Chlorinated VOCs, including tetrachloroethene (PCE) and vinyl chloride, have been detected in six offsite monitoring wells over the last six sampling events exceeding R2 GWPLs. The chlorinated VOC concentrations do not appear to be associated with the site.

The laboratory analytical report and chain-of-custody documentation are presented in **Appendix C**. Historical analytical data is summarized in **Appendix A**. The lateral extent of the dissolved petroleum plume exceeding R2 GWPLs is depicted in **Figure 5** (Lateral Extent of Dissolved Petroleum Plume).

Table 2. Current Groundwater Data
May 15, 2024 (all results in micrograms per liter (µg/L))

	Benzene	Toluene	Ethylbenzene	Xylenes	2-MN	Naphthalene
R2 GWPL	**5**	**1,000**	**700**	**10,000**	**40**	**1**
MW-1	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2
MW-9	--	--	**--**	--	**--**	**--**
MW-10	<100	<100	**3,800**	**3,070,000**	**1,000**	**827**
MW-12	--	--	--	--	--	--
MW-13	--	--	--	--	--	--
MW-14	<25.0	<25.0	395	2,480	<50.0	**70.2**
MW-15	--	--	--	--	--	--
MW-18	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2
MW-21	**5.4**	<5.0	<5.0	<10.0	<10.0	<1.2

	Benzene	Toluene	Ethylbenzene	Xylenes	2-MN	Naphthalene
R2 GWPL	**5**	**1,000**	**700**	**10,000**	**40**	**1**
MW-22	--	--	--	--	--	--

NOTES:
Risk-based Closure Guide (R2) Groundwater Published Levels (GWPLs)
2-Methylnaphthalene (2-MN)
Shaded concentrations exceed R2 GWPLs

5.2 Miscellaneous Sampling Data and Results

No miscellaneous sampling was performed during this quarter.

On September 29, 2016, a leak in the midgrade gasoline UST was observed during a tank tightness test. A confirmed release was reported to IDEM by Golars Environmental Engineering (Golars) on September 30, 2016. Golars oversaw ISC activities and FSI activities completed between 2016 and 2021.

In October and November 2016 ISC activities were completed, and an *ISC Report* was submitted to IDEM on November 28, 2016. As part of ISC activities, three temporary groundwater monitoring wells (TMW-1, TMW-2, and TMW-3) were installed onsite. Soil samples collected during ISC activities were analyzed for VOCs using USEPA SW-846 Method 8260 and total lead using USEPA SW-846 Method 6010. Adsorbed VOC concentrations were observed in the area of the UST cavity at approximately 20 to 26 feet bgs; however, none of the VOC or total lead concentrations in soil exceeded R2 Excavation Soil Published Levels (XSPLs), Residential Soil Published Levels (RSPLs), or Commercial Soil Published Levels (CSPLs). Free product was observed in the three temporary monitoring well locations.

Between February 2018 and March 2018, eight monitoring wells (MW-1 through MW-8) were installed to delineate petroleum impacts to soil and groundwater as part of FSI activities. The monitoring wells were installed to approximately 29 and 30 feet bgs. Soil samples collected during FSI activities were analyzed for VOCs using USEPA SW-846 Method 8260, polyaromatic hydrocarbons (PAHs) using USEPA SW-846 Method 8270, and total lead using USEPA SW-846 Method 6010. None of the VOC, PAH, and total lead concentrations exhibited in the soil samples during FSI activities exceeded R2 XSPLs, CSPLs, or RSPLs. Free product was observed in monitoring wells MW-2, MW-3, MW-4, MW-5, and MW-7 during gauging events completed during FSI activities in March 2018. In addition, VOC, PAH, and/or total lead concentrations were exhibited in groundwater samples collected from all eight monitoring wells exceeding R2 GWPLs.

Between September 2019 and February 2020, 12 monitoring wells (MW-9 through MW-20) were installed both onsite and offsite to delineate petroleum impacts as part of FSI activities. The monitoring wells were installed to depths ranging from 18 feet to 26 feet bgs. Soil samples collected during FSI activities between 2019 and 2020 were analyzed for VOCs using USEPA SW-846 Method 8260. None of the VOC concentrations exhibited in the soil samples during FSI activities exceeded R2 XSPLs, CSPLs, or RSPLs. Groundwater samples were collected

from the monitoring well network (MW-1 through MW-20) in 2019 and 2020 as part of FSI activities. VOC concentrations were detected in groundwater samples collected from onsite and offsite monitoring wells exceeding R2 GWPLs.

On January 28, 2021, two monitoring wells (MW-21 and MW-22) were installed offsite as part of FSI activities to delineate petroleum impacts west of monitoring well MW-12, west/northwest of monitoring well MW-13, and between monitoring wells MW-7 and MW-12. Soil samples collected during FSI activities on January 28, 2021 were analyzed for VOCs using USEPA SW-846 Method 8260. None of the VOC concentrations exhibited in the soil samples during FSI activities exceeded R2 XSPLs, CSPLs, or RSPLs. Groundwater samples were collected from monitoring wells MW-21 and MW-22 on February 3, 2021, as part of FSI activities and analyzed for VOCs using USEPA SW-846 Method 8260. VOCs were detected in both monitoring wells exceeding R2 GWPLs.

6.0 CONCLUSIONS AND RECOMMENDATIONS

This *QMR* is being submitted to IDEM on behalf of BDS Oil Company LLC for the Former Jiffy Mini Mart (Phillip 66) facility located at 1301 Poplar Street, Terre Haute, Indiana to summarize the 2nd quarter groundwater sampling event of 2024. This groundwater sampling event was coordinated with the Superstation facility (FID No. 24197) located downgradient, west of the site.

During a meeting with IDEM on February 8, 2024, IDEM requested that only 10 of the 21 monitoring wells in the monitoring well network be gauged and sampled during quarterly sampling. Therefore, on May 15, 2024, IWM Consulting attempted to gauge and sample the 10 monitoring wells including MW-1, MW-9, MW-10, MW-12, MW-13, MW-14, MW-15, MW-18, MW-21, and MW-22. Five of the 10 monitoring wells (MW-9, MW-12, MW-13, MW-15, and MW-22) were dry or did not contain enough groundwater to be sampled. Groundwater flow calculated using site data and data from the Superstation facility on May 15, 2024, was to the northwest which is consistent with historical groundwater flow. Groundwater samples were analyzed for VOCs. VOC concentrations associated with the dissolved petroleum plume were detected at concentrations exceeding R2 GWPLs in three of the sampled monitoring wells.

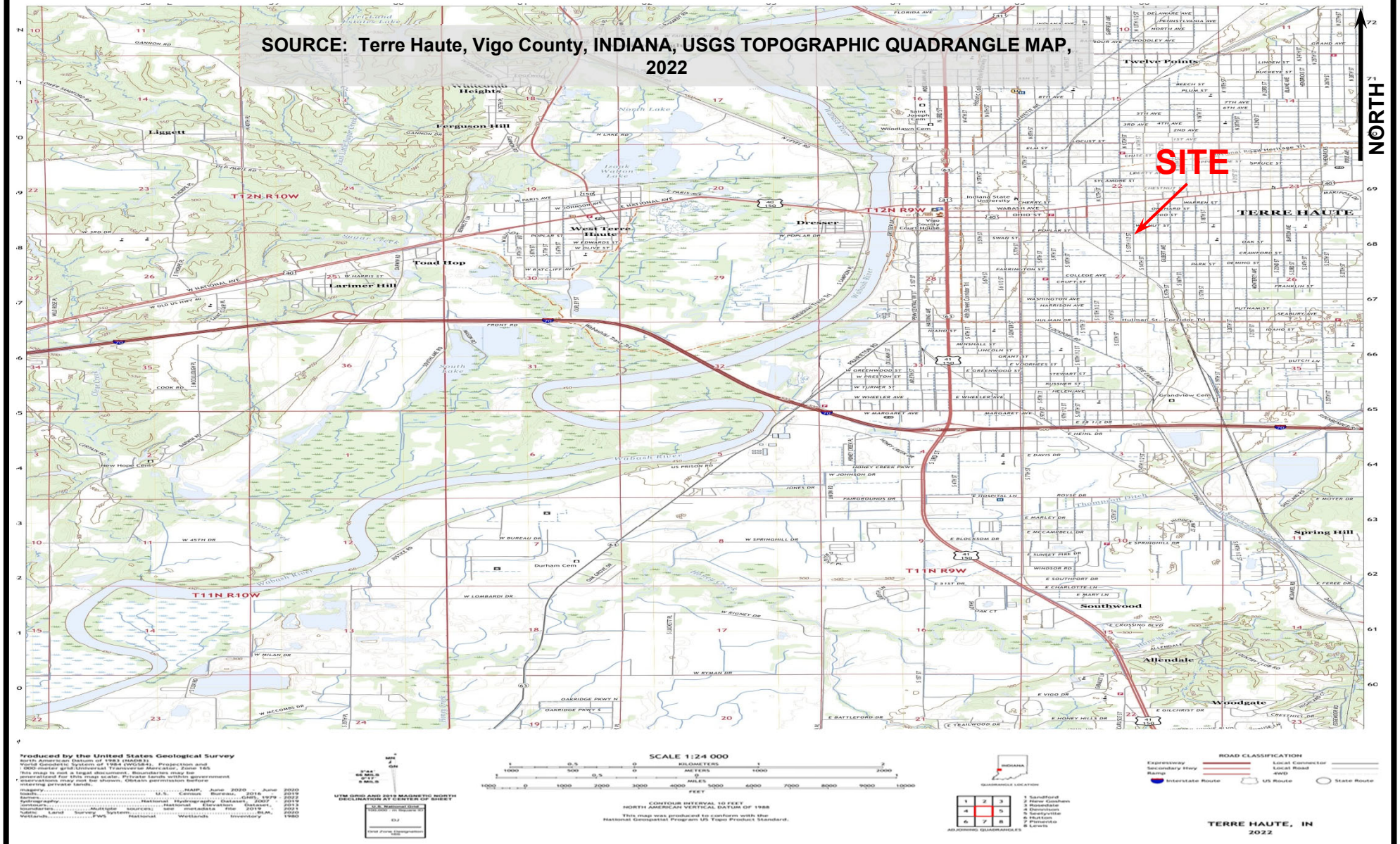
Chlorinated VOCs, including tetrachloroethene (PCE) and vinyl chloride, have been detected in six offsite monitoring wells over the last six sampling events exceeding R2 GWPLs. The chlorinated VOC concentrations do not appear to be associated with the site.

During the February 8, 2024 meeting, IDEM also requested the abandonment of monitoring wells MW-11 and MW-17. Therefore, IWM Consulting abandoned the two monitoring wells on May 3, 2024.

Due to the groundwater analytical results and groundwater flow direction exhibited for the site and the Superstation facility on May 15, 2024, the source of the dissolved petroleum plume appears to be a comingled plume between both facilities (see **Figure 5**). IWM Consulting will continue coordinating quarterly groundwater sampling events with the Superstation facility (FID No. 24197). A limited number of monitoring wells will be sampled in subsequent quarters as requested by IDEM.

On February 22, 2024, IWM Consulting submitted a High-Resolution Site Characterization (HRSC) Work Plan for the site. IDEM approved the HRSC Work Plan on May 22, 2024. IWM Consulting is working on the scope of work (SOW) for the HRSC which will be submitted to IDEM for approval.

FIGURES



iWM CONSULTING GROUP

7428 Rockville Road
Indianapolis, IN 46214

(317) 347-1111
Fax: (317) 347-9326

Project	Task	Size	Date
IN23008	02	A	4/13/2023

TITLE

Figure 1 – Site Location Map
Former Jiffy Mini Mart (Phillips 66)
1301 Poplar Street
Terre Haute, Vigo County, Indiana 47808

CLIENT

BDS Oil Company LLC
IDEM FID# 15981

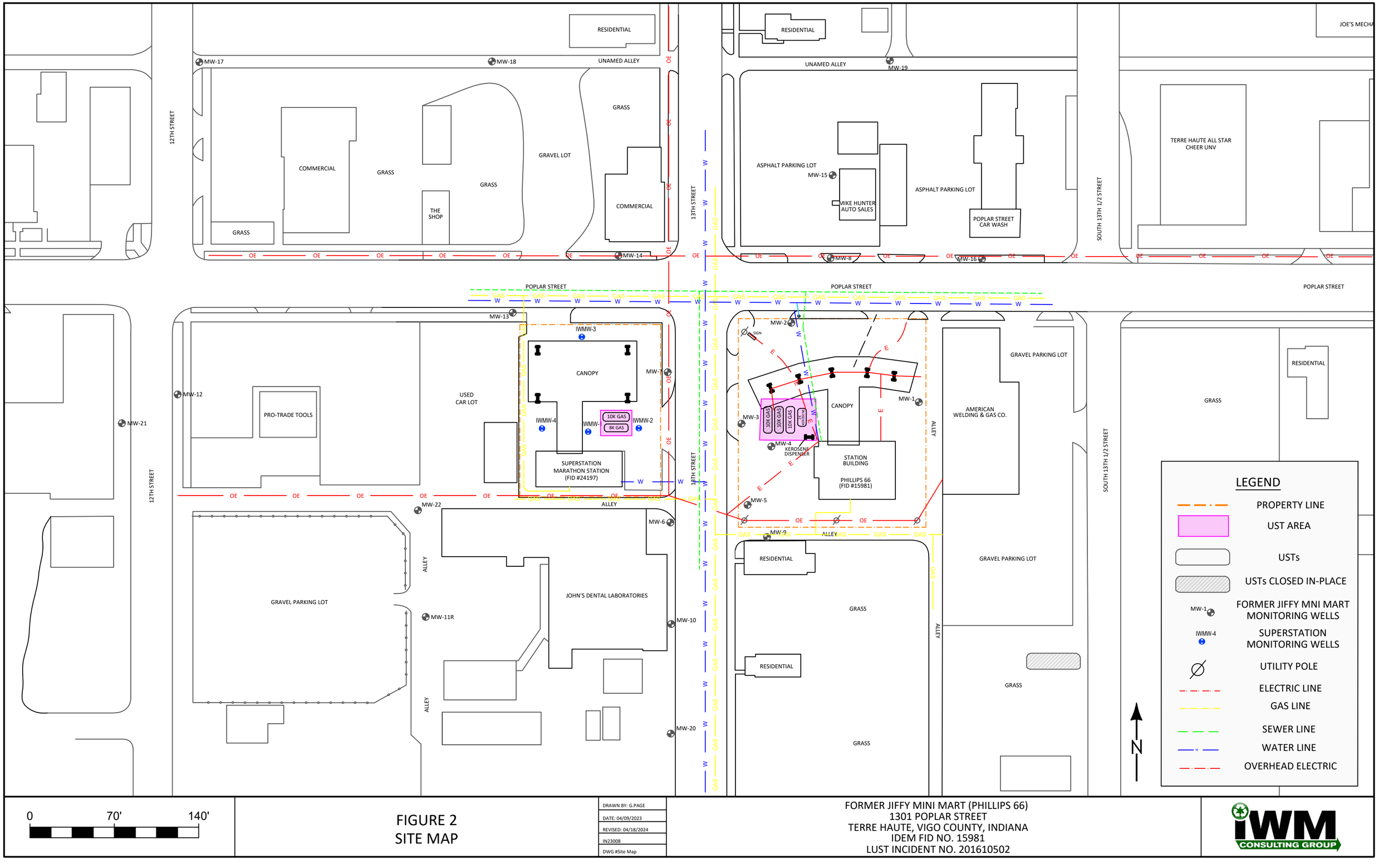


FIGURE 2
SITE MAP

DRAWN BY: G.PAGE	
DATE: 04/09/2023	
REVISED: 04/18/2024	
IN23008	
DWG #Site Map	

FORMER JIFFY MINI MART (PHILLIPS 66)
1301 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID NO. 15981
LUST INCIDENT NO. 201610502

IWM CONSULTING GROUP

Sample ID	MW-17
Sample Date	5/15/2024
Well Demolished	

Sample ID	MW-18
Sample Date	5/15/2024
Tetrachloroethene (PCE)	30.1

Sample ID	MW-19
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	MW-12
Sample Date	5/15/2024
Well Not Sampled - Dry Well	

Sample ID	MW-13
Sample Date	5/15/2024
Well Not Sampled - Dry Well	

Sample ID	MW-14
Sample Date	5/15/2024
Naphthalene	70.2
1,2,4-Trimethylbenzene	550
1,3,5-Trimethylbenzene	138

Sample ID	MW-15
Sample Date	5/15/2024
Well Not Sampled - Dry Well	

Sample ID	MW-8
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	MW-16
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	IWMW-2
Sample Date	5/15/2024
Benzene	6,920
n-Butylbenzene	69,300
sec-Butylbenzene	13,500
Ethylbenzene	139,000
n-Hexane	14,500
Isopropylbenzene (Cumene)	29,800
1-Methylnaphthalene	6,620
2-Methylnaphthalene	14,300
Naphthalene	81,400
n-Propylbenzene	148,000
Toluene	454,000
1,2,4-Trimethylbenzene	1,190,000
1,3,5-Trimethylbenzene	244,000
Total Xylenes	818,000

Sample ID	IWMW-3
Sample Date	5/15/2024
IWMW-3 Not Sampled due to Insufficient Water	

Sample ID	MW-2
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	MW-3
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	IWMW-1	DUP
Sample Date	5/15/2024	5/15/2024
Benzene	3,930	2,860
n-Butylbenzene	3,340	5,020
Ethylbenzene	58,800	14,300
Isopropylbenzene (Cumene)	1,610	1,650
1-Methylnaphthalene	1,610	2,490
2-Methylnaphthalene	3,350	5,050
Naphthalene	4,760	6,570
n-Propylbenzene	6,320	7,610
Toluene	95,000	87,400
1,2,4-Trimethylbenzene	335,000	187,000
1,3,5-Trimethylbenzene	10,900	14,900
Total Xylenes	229,000	171,000

Sample ID	MW-1
Sample Date	5/15/2024
All VOCs Non-Detect	

Sample ID	MW-4
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	MW-5
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	IWMW-4
Sample Date	5/15/2024
Benzene	2,500
Ethylbenzene	7,270
Isopropylbenzene (Cumene)	600
2-Methylnaphthalene	1,490
Naphthalene	1,380
n-Propylbenzene	2,250
Toluene	4,430
1,2,4-Trimethylbenzene	13,700
1,3,5-Trimethylbenzene	3,880
Total Xylenes	36,800

Sample ID	MW-9
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	MW-7
Sample Date	5/15/2024
Well Not Sampled - Dry Well	

Sample ID	MW-10	DUP
Sample Date	5/15/2024	–
n-Butylbenzene	897	2,460
Ethylbenzene	3,800	28,700
Isopropylbenzene (Cumene)	581	1,280
1-Methylnaphthalene	527	1,350
2-Methylnaphthalene	1,000	2,490
Naphthalene	827	1,870
n-Propylbenzene	2,440	4,530
1,2,4-Trimethylbenzene	3,990,000	3,820,000
1,3,5-Trimethylbenzene	3,990	1,330,000
Total Xylenes	3,070,000	2,690,000

Sample ID	MW-21
Sample Date	5/15/2024
Benzene	5.4
Tetrachloroethene (PCE)	6.9

Sample ID	MW-22
Sample Date	5/15/2024
Well Not Sampled - Dry Well	

Sample ID	MW-11R
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	MW-6
Sample Date	5/15/2024
Well Not Sampled per IDEM	

Sample ID	MW-20
Sample Date	5/15/2024
Well Not Sampled per IDEM	

All results in µg/L.

Unlisted compounds below Risk-Based Closure Guide (R2) Groundwater Published Levels (GWPLs)

Shaded and Bolded concentrations exceed R2 GWPLs

RESIDENTIAL
JOE'S MECHANICAL
UNAMED ALLEY
UNAMED ALLEY
TERRE HAUTE ALL STAR CHEER UNV
GRAVEL LOT
GRASS
THE SHOP
COMMERCIAL
13TH STREET
MIKE HUNTER AUTO SALES
ASPHALT PARKING LOT
POPLAR STREET CAR WASH
12TH 1/2 STREET
SOSTECH
POPLAR STR
POPLAR STREET
POPLAR STREET
CANOPY
USED CAR LOT
SUPERSTATION MARATHON STATION
10K GAS
8K GAS
10K GAS
10K GAS
PREMIUM
CANOPY
KEROSENE DISPENSER
STATION BUILDING
PHILLIPS 66 (FID #15981)
AMERICAN WELDING & GAS CO.
12TH STREET
12TH STREET
ALLEY
ALLEY
ALLEY
GRAVEL PARKING LOT
GRASS
GRASS
GRASS
GRASS
RESIDENTIAL
RESIDENTIAL
OE
GAS
W
E
N

LEGEND

- PROPERTY LINE
- UST AREA
- USTs
- USTs CLOSED IN-PLACE
- MW-1 — FORMER JIFFY MNI MART MONITORING WELLS
- IWMW-4 — SUPERSTATION MONITORING WELLS
- UTILITY POLE
- ELECTRIC LINE
- GAS LINE
- SEWER LINE
- W — WATER LINE

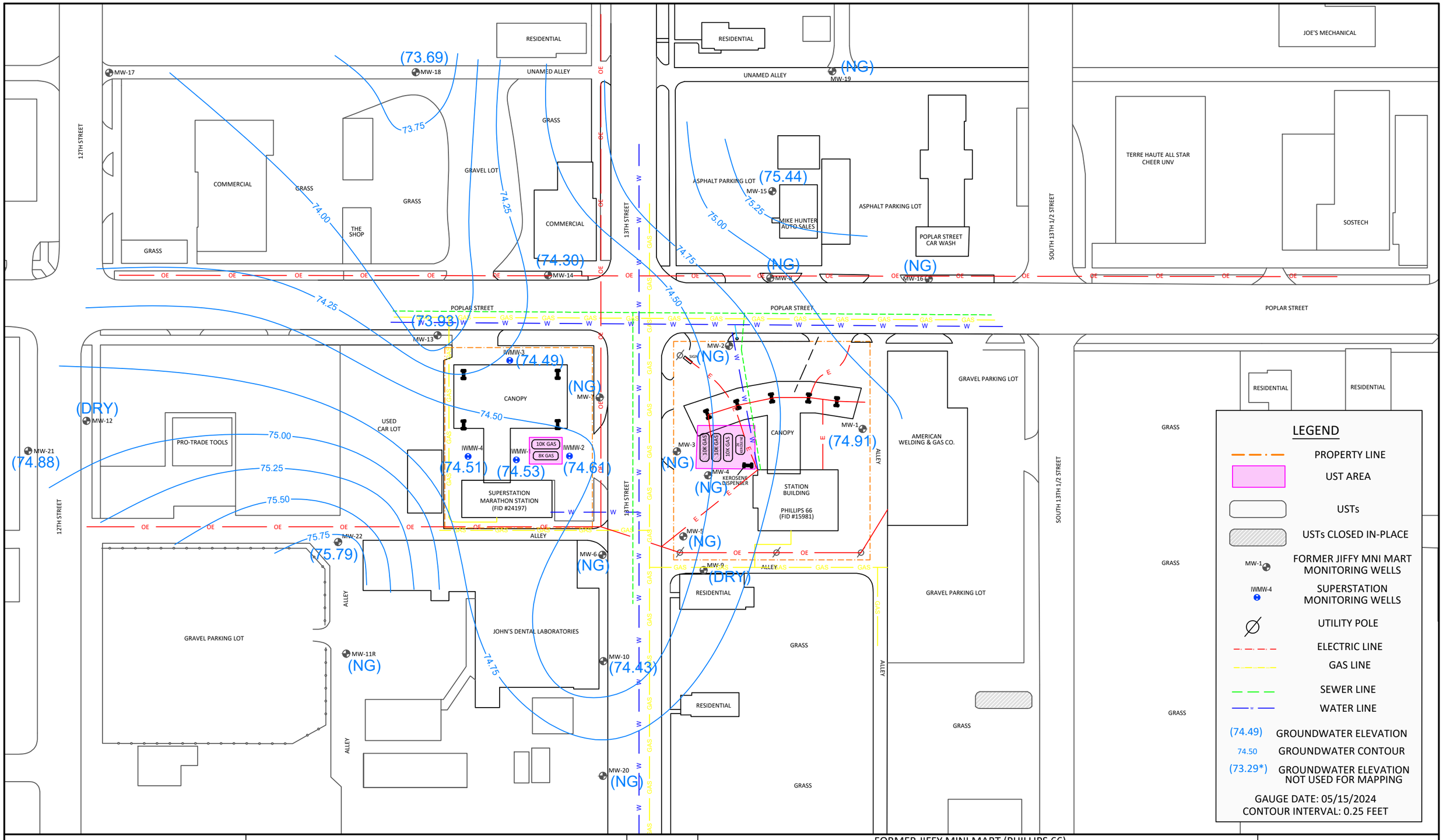
0 70' 140'

FIGURE 3
GROUNDWATER ANALYTICAL MAP

DRAWN BY: G.PAGE
DATE: 04/09/2023
REVISED: 06/20/2024
IN21076
DWG #Site Map

FORMER JIFFY MINI MART (PHILLIPS 66)
1301 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID NO. 15981
LUST INCIDENT NO. 201610502

iWM CONSULTING GROUP



0 70' 140'

FIGURE 4
GROUNDWATER POTENTIOMETRIC MAP

DRAWN BY: G.PAGE
DATE: 04/09/2023
REVISED: 06/05/2024
IN21076
DWG #Site Map

FORMER JIFFY MINI MART (PHILLIPS 66)
1301 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID NO. 15981
LUST INCIDENT NO. 201610502

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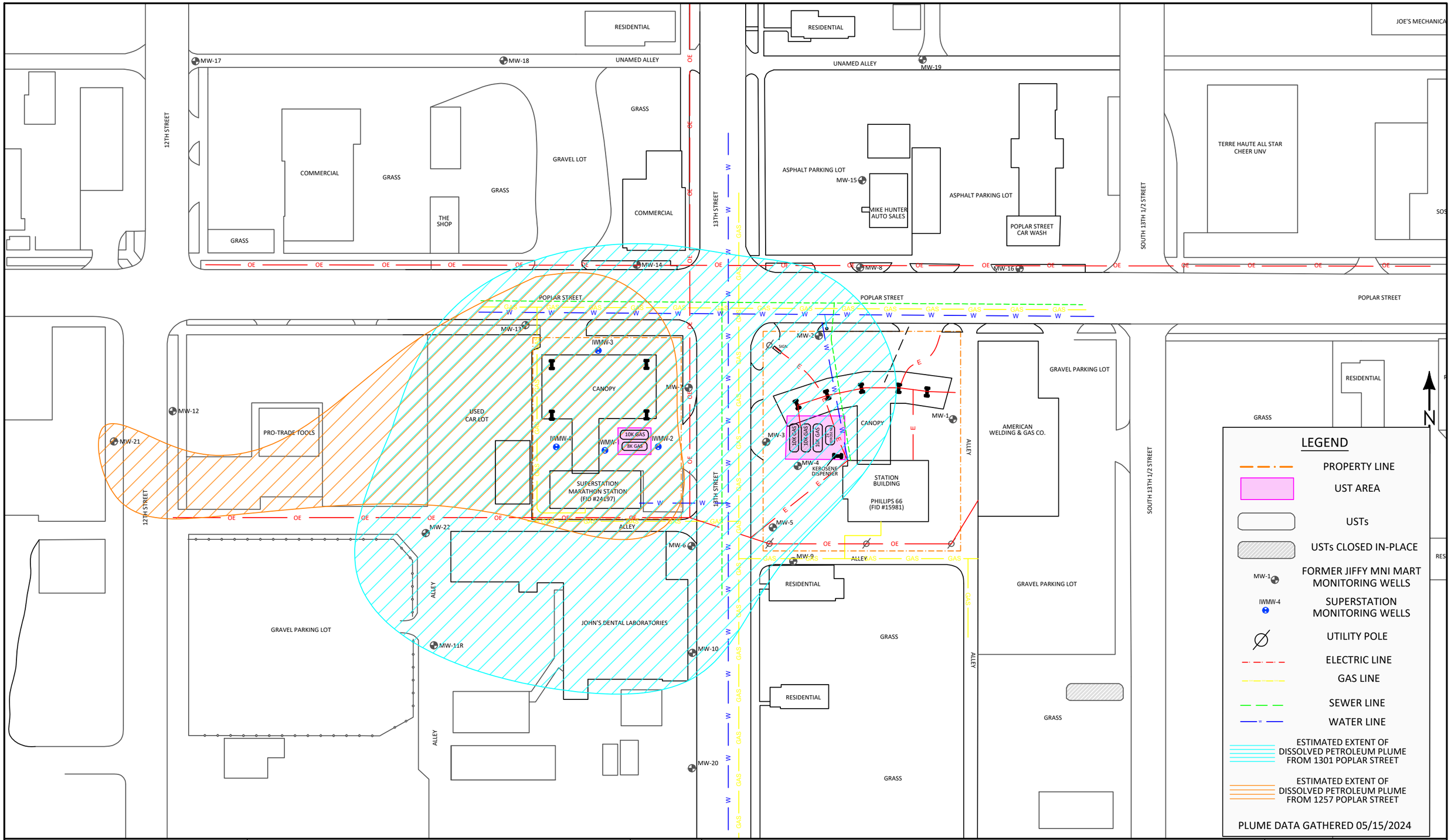

0 70' 140'

FIGURE 5
LATERAL EXTENT OF DISSOLVED PETROLEUM PLUME

DRAWN BY: G.PAGE
DATE: 04/09/2023
REVISED: 06/20/2024
IN21076
DWG #Site Map

FORMER JIFFY MINI MART (PHILLIPS 66)
1301 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID NO. 15981
LUST INCIDENT NO. 201610502

iWM CONSULTING GROUP

APPENDICES

APPENDIX A

GROUNDWATER GAUGING AND WELL DATA SUMMARY

Table 1
Groundwater Gauging and Well Data Summary
Former Jiffy Mini Mart (Phillips 66)
1301 Poplar Street
Terre Haute, Vigo County, Indiana
FID No. 15981
IDEM LUST No. 201610502

Well ID	Sample Date	Top of Casing (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Free Product Thickness (feet)	Corrected Groundwater Elevation (feet)	Monitoring Well Depth (feet)	Monitoring Well Screen Interval (feet)
MW-1	2/17/2023	101.56	26.63	74.93	--	74.93	29.48	19.48 - 29.48
	5/23/2023	101.56	24.85	76.71	--	76.71	29.48	19.48 - 29.48
	7/24/2023	101.56	25.81	75.75	--	75.75	29.48	19.48 - 29.48
	10/25/2023	101.56	27.25	74.31	--	74.31	29.48	19.48 - 29.48
	1/29/2024	101.56	28.29	73.27	--	73.27	29.48	19.48 - 29.48
	5/15/2024	101.56	26.65	74.91	--	74.91	29.48	19.48 - 29.48
MW-2	2/17/2023	99.10	24.64	74.46	0.48	74.82	29.58	19.58 - 29.58
	5/23/2023	99.10	22.87	76.23	--	76.23	29.58	19.58 - 29.58
	7/24/2023	99.10	23.83	75.27	0.05	75.31	29.58	19.58 - 29.58
	10/25/2023	99.10	25.41	73.69	0.11	73.77	29.58	19.58 - 29.58
	1/29/2024	99.10	26.36	72.74	0.08	72.80	29.58	19.58 - 29.58
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-3	2/17/2023	99.35	24.88	74.47	0.66	74.97	29.50	19.50 - 29.50
	5/23/2023	99.35	23.18	76.17	--	76.17	29.50	19.50 - 29.50
	7/24/2023	99.35	24.23	75.12	0.10	75.20	29.50	19.50 - 29.50
	10/25/2023	99.35	26.14	73.21	0.65	73.70	29.50	19.50 - 29.50
	1/29/2024	99.35	27.04	72.31	0.55	72.72	29.50	19.50 - 29.50
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-4	2/17/2023	100.69	25.80	74.89	0.08	74.95	29.54	19.54 - 29.54
	5/23/2023	100.69	23.95	76.74	--	76.74	29.54	19.54 - 29.54
	7/24/2023	100.69	24.91	75.78	--	75.78	29.54	19.54 - 29.54
	10/25/2023	100.69	26.50	74.19	0.14	74.30	29.54	19.54 - 29.54
	1/29/2024	100.69	27.60	73.09	0.31	73.32	29.54	19.54 - 29.54
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-5	2/17/2023	99.61	25.51	74.10	0.40	74.40	29.53	19.53 - 29.53
	5/23/2023	99.61	23.39	76.22	--	76.22	29.53	19.53 - 29.53
	7/24/2023	99.61	24.38	75.23	0.04	75.26	29.53	19.53 - 29.53
	10/25/2023	99.61	26.11	73.50	0.36	73.77	29.53	19.53 - 29.53
	1/29/2024	99.61	27.01	72.60	0.27	72.80	29.53	19.53 - 29.53
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-6	2/17/2023	98.53	24.20	74.33	--	74.33	29.42	19.42 - 29.42
	5/23/2023	98.53	22.39	76.14	--	76.14	29.42	19.42 - 29.42
	7/24/2023	98.53	23.37	75.16	--	75.16	29.42	19.42 - 29.42
	10/25/2023	98.53	24.85	73.68	--	73.68	29.42	19.42 - 29.42
	1/29/2024	98.53	25.83	72.70	--	72.70	29.42	19.42 - 29.42
	5/15/2024	Monitoring Well not gauged per IDEM request						

iWM CONSULTING GROUP

Table 1
Groundwater Gauging and Well Data Summary
Former Jiffy Mini Mart (Phillips 66)
1301 Poplar Street
Terre Haute, Vigo County, Indiana
FID No. 15981
IDEM LUST No. 201610502

Well ID	Sample Date	Top of Casing (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Free Product Thickness (feet)	Corrected Groundwater Elevation (feet)	Monitoring Well Depth (feet)	Monitoring Well Screen Interval (feet)
MW-7	2/17/2023	99.11	24.89	74.22	0.93	74.93	30.00	20.00 - 30.00
	5/23/2023	99.11	22.98	76.13	0.02	76.14	30.00	20.00 - 30.00
	7/24/2023	99.11	24.33	74.78	0.45	75.12	30.00	20.00 - 30.00
	10/25/2023	99.11	26.57	72.54	1.41	73.60	30.00	20.00 - 30.00
	1/29/2024	99.11	27.40	71.71	1.20	72.61	30.00	20.00 - 30.00
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-8	2/17/2023	99.24	25.80	73.44	--	73.44	29.33	19.33 - 29.33
	5/23/2023	99.24	22.98	76.26	--	76.26	29.33	19.33 - 29.33
	7/24/2023	99.24	23.97	75.27	--	75.27	29.33	19.33 - 29.33
	10/25/2023	99.24	25.44	73.80	--	73.80	29.33	19.33 - 29.33
	1/29/2024	99.24	26.44	72.80	--	72.80	29.33	19.33 - 29.33
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-9	2/17/2023	99.82	DRY	--	--	--	25.20	15.72 - 25.72
	5/23/2023	99.82	23.56	76.26	--	76.26	25.20	15.72 - 25.72
	7/24/2023	99.82	24.51	75.31	--	75.31	25.20	15.72 - 25.72
	10/25/2023	99.82	25.11	74.71	--	74.71	25.20	15.72 - 25.72
	1/29/2024	99.82	DRY	--	--	--	25.20	15.72 - 25.72
	5/15/2024	25.20	DRY	--	--	--	25.20	15.72 - 25.72
MW-10	2/17/2023	98.64	24.69	73.95	0.50	74.33	25.44	15.44 - 25.44
	5/23/2023	98.64	22.47	76.17	--	76.17	25.44	15.44 - 25.44
	7/24/2023	98.64	23.46	75.18	--	75.18	25.44	15.44 - 25.44
	10/25/2023	98.64	24.97	73.67	0.04	73.70	25.44	15.44 - 25.44
	1/29/2024	98.64	25.35	73.29	--	73.29	25.44	15.44 - 25.44
	5/15/2024	98.64	24.21	74.43	--	74.43	25.44	15.44 - 25.44
MW-11R	2/17/2023	100.24	DRY	--	--	--	25.30	15.31 - 25.31
	5/23/2023	100.24	24.37	75.87	--	75.87	25.30	15.31 - 25.31
	7/24/2023	100.24	25.21	75.03	--	75.03	25.30	15.31 - 25.31
	10/25/2023	100.24	25.20	75.04	--	75.04	25.30	15.31 - 25.31
	1/29/2024	100.24	DRY	--	--	--	25.30	15.31 - 25.31
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-12	2/17/2023	99.02	DRY	--	--	--	25.31	15.31 - 25.31
	5/23/2023	99.02	23.56	75.46	--	75.46	25.31	15.31 - 25.31
	7/24/2023	99.02	24.61	74.41	--	74.41	25.31	15.31 - 25.31
	10/25/2023	99.02	25.16	73.86	--	73.86	25.31	15.31 - 25.31
	1/29/2024	99.02	25.23	73.79	--	73.79	25.31	15.31 - 25.31
	5/15/2024	99.02	DRY	--	--	--	25.31	15.31 - 25.31

iWM CONSULTING GROUP

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Former Jiffy Mini Mart (Phillips 66)
1301 Poplar Street
Terre Haute, Vigo County, Indiana
FID No. 15981
IDEM LUST No. 201610502

Well ID	Sample Date	Top of Casing (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Free Product Thickness (feet)	Corrected Groundwater Elevation (feet)	Monitoring Well Depth (feet)	Monitoring Well Screen Interval (feet)
MW-13	2/17/2023	99.29	DRY	--	--	--	25.45	15.45 - 25.45
	5/23/2023	99.29	23.40	75.89	--	75.89	25.45	15.45 - 25.45
	7/24/2023	99.29	24.41	74.88	--	74.88	25.45	15.45 - 25.45
	10/25/2023	99.29	25.28	74.01	--	74.01	25.45	15.45 - 25.45
	1/29/2024	99.29	25.35	73.94	--	73.94	25.45	15.45 - 25.45
	5/15/2024	99.29	25.36	73.93	--	73.93	25.45	15.45 - 25.45
MW-14	2/17/2023	99.24	DRY	--	--	--	25.26	15.26 - 25.26
	5/23/2023	99.24	23.24	76.00	--	76.00	25.26	15.26 - 25.26
	7/24/2023	99.24	24.22	75.02	--	75.02	25.26	15.26 - 25.26
	10/25/2023	99.24	25.06	74.18	--	74.18	25.26	15.26 - 25.26
	1/29/2024	99.24	25.42	73.82	--	73.82	25.26	15.26 - 25.26
	5/15/2024	99.24	24.94	74.30	--	74.30	25.54	15.26 - 25.26
MW-15	2/17/2023	100.79	DRY	--	--	--	25.42	15.42 - 25.42
	5/23/2023	100.79	24.58	76.21	--	76.21	25.42	15.42 - 25.42
	7/24/2023	100.79	25.37	75.42	--	75.42	25.42	15.42 - 25.42
	10/25/2023	100.79	25.36	75.43	--	75.43	25.42	15.42 - 25.42
	1/29/2024	100.79	25.38	75.41	--	75.41	25.42	15.42 - 25.42
	5/15/2024	100.79	25.35	75.44	--	75.44	25.42	15.42 - 25.42
MW-16	2/17/2023	99.07	24.43	74.64	--	74.64	25.25	15.25 - 25.25
	5/23/2023	99.07	22.66	76.41	--	76.41	25.25	15.25 - 25.25
	7/24/2023	99.07	23.60	75.47	--	75.47	25.25	15.25 - 25.25
	10/25/2023	99.07	25.09	73.98	--	73.98	25.25	15.25 - 25.25
	1/29/2024	99.07	DRY	--	--	--	25.25	15.25 - 25.25
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-18	2/17/2023	99.93	26.42	73.51	--	73.51	27.77	17.77 - 27.77
	5/23/2023	99.93	24.55	75.38	--	75.38	27.77	17.77 - 27.77
	7/24/2023	99.93	25.55	74.38	--	74.38	27.77	17.77 - 27.77
	10/25/2023	99.93	27.08	72.85	--	72.85	27.77	17.77 - 27.77
	1/29/2024	99.93	27.66	72.27	--	72.27	27.77	17.77 - 27.77
	5/15/2024	99.93	26.24	73.69	--	73.69	27.77	17.77 - 27.77

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MW-19	2/17/2023	99.07	DRY	--	--	--	24.62	14.62 - 24.62
	5/23/2023	99.07	Could not be located				24.62	14.62 - 24.62
	7/24/2023	99.07	DRY	--	--	--	24.62	14.62 - 24.62
	10/25/2023	99.07	24.22	74.85	--	74.85	24.62	14.62 - 24.62
	1/29/2024	99.07	24.29	74.78	--	74.78	24.62	14.62 - 24.62
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-20	2/17/2023	98.79	DRY	--	--	--	25.62	15.62 - 25.62
	5/23/2023	98.79	22.66	76.13	--	76.13	25.62	15.62 - 25.62
	7/24/2023	98.79	23.65	75.14	--	75.14	25.62	15.62 - 25.62
	10/25/2023	98.79	25.00	73.79	--	73.79	25.62	15.62 - 25.62
	1/29/2024	98.79	25.17	73.62	--	73.62	25.62	15.62 - 25.62
	5/15/2024	Monitoring Well not gauged per IDEM request						
MW-21	2/17/2023	99.91	25.42	74.49	--	74.49	29.49	19.49 - 29.49
	5/23/2023	99.91	23.50	76.41	--	76.41	29.49	19.49 - 29.49
	7/24/2023	99.91	24.59	75.32	--	75.32	29.49	19.49 - 29.49
	10/25/2023	99.91	26.14	73.77	--	73.77	29.49	19.49 - 29.49
	1/29/2024	99.91	26.97	72.94	--	72.94	29,49	19.49 - 29.49
	5/15/2024	99.91	25.03	74.88	--	74.88	29.49	19.49 - 29.49
MW-22	2/17/2023	101.23	25.18	76.05	--	76.05	25.61	15.61 - 25.61
	5/23/2023	101.23	24.50	76.73	--	76.73	25.61	15.61 - 25.61
	7/24/2023	101.23	25.29	75.94	--	75.94	25.61	15.61 - 25.61
	10/25/2023	101.23	25.25	75.98	--	75.98	25.61	15.61 - 25.61
	1/29/2024	101.23	25.46	75.77	--	75.77	25.61	15.61 - 25.61
	5/15/2024	101.23	25.44	75.79	--	75.79	25.61	15.61 - 25.61

Table 2
Groundwater Analytical Results
Former Jiffy Mini Mart (Phillips 66)
1301 Poplar Street
Terre Haute, Vigo County, Indiana
IDEM FID No. 15981
LUST Incident No. 201610502

																Chlorinated VOCs*			
Sample ID	**Sample Date**	**Benzene**	**n-Butylbenzene**	**sec-Butylbenzene**	**Ethylbenzene**	**n-Hexane**	**Isopropylbenzene (Cumene)**	**p-Isopropyltoluene**	**1-Methylnaphthalene**	**2-Methylnaphthalene**	**Naphthalene**	**n-Propylbenzene**	**Toluene**	**1,2,4-Trimethylbenzene**	**1,3,5-Trimethylbenzene**	**Total Xylenes**	**Tetrachloroethene (PCE)***	**Trichloroethene (TCE)***	**cis-1,2-Dichloroethene***	**Vinyl Chloride***
R2 Groundwater Published Levels (GWPLs)		**5**	**1,000**	**2,000**	**700**	**2,000**	**500**	**NE**	**10**	**40**	**1**	**700**	**1,000**	**60**	**60**	**10,000**	**5**	**5**	**70**	**2**
MW-1	2/17/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	5/23/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	7/24/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	10/25/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	1/29/2024	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	5/15/2024	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
MW-2	2/17/2023	Monitoring Well MW-2 was not sampled due to Free Product																		
	5/23/2023	<100	526	167	**2,840**	938	445	270	**401**	**710**	**624**	**1,580**	730	**13,000**	**2,440**	**12,700**	<100	<100	<100	<40.0
DUP	5/23/2023	<250	769	<250	**10,200**	**2,540**	692	<250	**724**	**1,260**	**1,570**	**2,270**	**58,900**	**11,600**	**3,690**	**258,000**	<250	<250	<250	<100
	7/25/2023	<100	<100	270	**2,300**	911	**539**	142	**475**	**915**	**632**	**2,220**	281	**4,990**	**3,350**	6,240	<100	<100	<100	<40.0
	10/25/2023	Monitoring Well MW-2 was not sampled due to Free Product																		
	1/29/2024	<25	<25	140	**1,280**	418	297	74.3	**154**	**338**	**242**	**1,250**	<25	**11,800**	**3,870**	3,560	<25	<25	<25	<10
	5/15/2024	Monitoring Well MW-2 was not sampled per IDEM																		
MW-3	2/17/2023	<250	<250	<250	**7,260**	297	<250	<250	<500	<500	**905**	690	**37,200**	**5,150**	**1,340**	**569,000**	<250	<250	<250	<100
	5/23/2023	<500	**3,410**	987	**47,000**	**12,500**	**2,750**	547	**2,410**	**4,290**	**5,810**	**9,280**	**51,700**	**85,600**	**14,700**	**238,000**	<500	<500	<500	<200
	7/25/2023	<500	543	<500	**7,390**	<500	<500	<500	<1,000	<1,000	**1,490**	**1,500**	**17,400**	**9,110**	**2,510**	**35,200**	<500	<500	<500	<200
DUP	7/25/2023	<250	725	<250	**9,440**	1,810	**589**	<250	<500	**798**	**1,470**	**2,100**	**20,200**	**11,700**	**3,600**	**59,000**	<250	<250	<250	<100
	10/25/2023	Monitoring Well MW-3 was not sampled due to Free Product																		
	1/29/2024	<500	<500	<500	**3,360**	<500	<500	<500	<1,000	<1,000	**435**	**528**	**9,710**	**3,150**	**926**	**17,100**	<500	<500	<500	<200
	5/15/2024	Monitoring Well MW-3 was not sampled per IDEM																		
MW-4	2/17/2023	<250	<250	<250	**1,080**	<250	<250	<250	<500	<500	**238**	510	263	**3,380**	**991**	5,740	<250	<250	<250	<100
	5/23/2023	<250	791	<250	396	582	<250	<250	<500	**804**	**258**	**864**	<250	**5,130**	**1,800**	2,510	<250	<250	<250	<100
	7/25/2023	<250	277	<250	409	255	<250	<250	<500	<500	**97.4**	346	<250	**1,750**	**594**	1,960	<250	<250	<250	<100
	10/25/2023	<250	<250	<250	**1,200**	<250	<250	<250	<500	**946**	**458**	**737**	<250	**4,430**	**1,300**	5,840	<250	<250	<250	<100
	1/29/2024	<25	<25	43.8	426	77.8	98.4	27.1	**138**	**269**	**184**	436	158	**2,400**	**822**	2,310	<25	<25	<25	<10
	5/15/2024	Monitoring Well MW-4 was not sampled per IDEM																		
MW-5	2/17/2023	<250	441	<250	**2,910**	403	300	<250	<500	**783**	**667**	**1,160**	<250	**7,280**	**2,120**	**13,200**	<250	<250	<250	<100
	5/23/2023	<250	**1,960**	563	**5,720**	**3,000**	**1,060**	365	**1,220**	**2,210**	**1,690**	**4,050**	824	**10,500**	**6,860**	**12,700**	<250	<250	<250	<100
	7/25/2023	<250	<250	444	**5,380**	**2,030**	**880**	<250	**856**	**1,600**	**1,460**	**3,730**	662	**14,400**	**6,170**	**15,400**	<250	<250	<250	<100
	10/25/2023	Monitoring Well MW-5 was not sampled due to Free Product																		
	1/29/2024	<50.0	<50.0	<50.0	**1,880**	195	177	<50.0	**184**	**339**	**426**	669	552	**3,420**	**1,210**	9,630	<50.0	<50.0	<50.0	<20.0
	5/15/2024	Monitoring Well MW-5 was not sampled per IDEM																		
MW-6	2/17/2023	<5.0	17.3	7.9	**800**	39.4	54.5	<5.0	**20.2**	26.3	**141**	182	9.6	**1,140**	**183**	2,930	<5.0	<5.0	<5.0	<2.0
	5/23/2023	<50.0	<50.0	<50.0	528	<50.0	<50.0	<50.0	<100	<100	**117**	130	53.7	**739**	**119**	1,290	<50.0	<50.0	<50.0	<20.0
	7/25/2023	<50.0	<50.0	<50.0	**1,400**	57.8	73.6	<50.0	<100	<100	**152**	215	55.9	**1,210**	**222**	4,190	<50.0	<50.0	<50.0	<20.0
	10/25/2023	<50.0	<50.0	<50.0	314	<50.0	<50.0	<50.0	<100	<100	**28.4**	88.0	<50.0	**395**	<50.0	478	<50.0	<50.0	<50.0	<20.0
	1/29/2024	<50.0	<50.0	<50.0	336	<50.0	<50.0	<50.0	<100	<100	**109**	164	931	**864**	**178**	1,850	<50.0	<50.0	<50.0	<20.0
	5/15/2024	Monitoring Well MW-6 was not sampled per IDEM																		

Table 2
Groundwater Analytical Results
Former Jiffy Mini Mart (Phillips 66)
1301 Poplar Street
Terre Haute, Vigo County, Indiana
IDEM FID No. 15981
LUST Incident No. 201610502

																Chlorinated VOCs*			
Sample ID	**Sample Date**	**Benzene**	**n-Butylbenzene**	**sec-Butylbenzene**	**Ethylbenzene**	**n-Hexane**	**Isopropylbenzene (Cumene)**	**p-Isopropyltoluene**	**1-Methylnaphthalene**	**2-Methylnaphthalene**	**Naphthalene**	**n-Propylbenzene**	**Toluene**	**1,2,4-Trimethylbenzene**	**1,3,5-Trimethylbenzene**	**Total Xylenes**	**Tetrachloroethene (PCE)***	**Trichloroethene (TCE)***	**cis-1,2-Dichloroethene***	**Vinyl Chloride***
R2 Groundwater Published Levels (GWPLs)		**5**	**1,000**	**2,000**	**700**	**2,000**	**500**	**NE**	**10**	**40**	**1**	**700**	**1,000**	**60**	**60**	**10,000**	**5**	**5**	**70**	**2**
MW-7	2/17/2023	Monitoring Well MW-7 was not sampled due to Free Product																		
	5/23/2023	**2,270**	**4,410**	1,330	**69,800**	**26,400**	**3,540**	717	**2,590**	**4,930**	**7,200**	**11,400**	**161,000**	**81,700**	**26,000**	**340,000**	<250	<250	<250	<100
	7/25/2023	**2,820**	<250	**2,530**	**6,930,000**	**12,100**	**6,100**	1,490	**4,580**	**106,000**	**13,400**	**239,000**	**7,790,000**	**7,590,000**	**3,750,000**	**24,100,000**	<250	<250	<250	<100
	10/25/2023	Monitoring Well MW-7 was not sampled due to Free Product																		
	1/29/2024	Monitoring Well MW-7 was not sampled due to Free Product																		
	5/15/2024	Monitoring Well MW-7 was dry and could not be sampled																		
MW-8	2/17/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	8.1	<5.0	<10.0	**40.1**	<5.0	<5.0	<2.0
	5/23/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	**36.8**	<5.0	<5.0	<2.0
	7/24/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	**34.5**	<5.0	<5.0	<2.0
	10/25/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	**36.2**	<5.0	<5.0	<2.0
DUP	10/25/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	**35.8**	<5.0	<5.0	<2.0
	1/29/2024	<5.0	<5.0	61.0	<5.0	30.0	8.8	24.7	<10.0	<10.0	<1.2	14.1	<5.0	32.6	18.8	<10.0	**49.6**	<5.0	<5.0	<2.0
DUP	1/29/2024	<5.0	<5.0	44.4	<5.0	26.5	7.7	21.3	**10.8**	<10.0	<1.2	11.8	<5.0	28.7	16.4	<10.0	**47.7**	<5.0	<5.0	<2.0
	5/15/2024	Monitoring Well MW-8 was not sampled per IDEM																		
MW-9	2/17/2023	Monitoring Well MW-9 was dry and could not be sampled																		
	5/23/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	7/25/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	**1.8**	<5.0	<5.0	6.1	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	10/25/2023	Monitoring Well MW-9 was dry and could not be sampled																		
	1/29/2024	Monitoring Well MW-9 was dry and could not be sampled																		
	5/15/2024	Monitoring Well MW-9 was not sampled per IDEM																		
MW-10	2/17/2023	Monitoring Well MW-10 was not sampled due to Free Product																		
	5/23/2023	<100	**4,960**	1,600	**183,000**	**5,920**	**3,420**	1,030	**3,100**	**104,000**	**4,440**	**180,000**	<100	**3,210,000**	**286,000**	**2,810,000**	<100	<100	<100	<40.0
	7/25/2023	<250	**4,020**	1,040	**9,630**	**2,830**	**2,340**	623	**1,910**	**160,000**	**3,200**	**8,860**	<250	**1,140,000**	**14,500**	**154,000**	<250	<250	<250	<100
	10/25/2023	Monitoring Well MW-10 was not sampled due to Free Product																		
	1/29/2024	Monitoring Well MW-10 was dry and could not be sampled																		
	5/15/2024	<100	897	331	**3,800**	181	**581**	184	**527**	**1,000**	**827**	**2,440**	<100	**3,990,000**	**3,990**	**3,070,000**	<100	<100	<100	<40.0
DUP	5/15/2024	<100	**2,460**	710	**28,700**	1,220	**1,280**	414	**1,350**	**2,490**	**1,870**	**4,530**	<100	**3,820,000**	**1,330,000**	**2,690,000**	<100	<100	<100	<40.0
MW-11R	2/17/2023	Monitoring Well MW-11R was dry and could not be sampled																		
	5/23/2023	<250	926	251	**6,890**	989	**705**	<250	**903**	**1,590**	**1,530**	**2,510**	308	**13,000**	**4,270**	**28,600**	<250	<250	<250	<100
	7/24/2023	Monitoring Well MW-11R was dry and could not be sampled																		
	10/25/2023	Monitoring Well MW-11R was dry and could not be sampled																		
	1/29/2024	Monitoring Well MW-11R was dry and could not be sampled																		
	5/15/2024	Monitoring Well MW-11R was not sampled per IDEM																		

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Former Jiffy Mini Mart (Phillips 66)
1301 Poplar Street
Terre Haute, Vigo County, Indiana
IDEM FID No. 15981
LUST Incident No. 201610502

																Chlorinated VOCs*			
Sample ID	**Sample Date**	**Benzene**	**n-Butylbenzene**	**sec-Butylbenzene**	**Ethylbenzene**	**n-Hexane**	**Isopropylbenzene (Cumene)**	**p-Isopropyltoluene**	**1-Methylnaphthalene**	**2-Methylnaphthalene**	**Naphthalene**	**n-Propylbenzene**	**Toluene**	**1,2,4-Trimethylbenzene**	**1,3,5-Trimethylbenzene**	**Total Xylenes**	**Tetrachloroethene (PCE)***	**Trichloroethene (TCE)***	**cis-1,2-Dichloroethene***	**Vinyl Chloride***
R2 Groundwater Published Levels (GWPLs)		**5**	**1,000**	**2,000**	**700**	**2,000**	**500**	**NE**	**10**	**40**	**1**	**700**	**1,000**	**60**	**60**	**10,000**	**5**	**5**	**70**	**2**
MW-12	2/17/2023	Monitoring Well MW-12 was dry and could not be sampled																		
	5/23/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	**1.5**	<5.0	<5.0	<5.0	<5.0	<10.0	**19.5**	<5.0	<5.0	<2.0
	7/24/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	**6.9**	<5.0	12.8	**2.4**
	10/25/2023	Monitoring Well MW-12 was dry and could not be sampled																		
	1/29/2024	Monitoring Well MW-12 was dry and could not be sampled																		
	5/15/2024	Monitoring Well MW-12 was dry and could not be sampled																		
MW-13	2/17/2023	Monitoring Well MW-13 was dry and could not be sampled																		
	5/23/2023	**1,070**	<5.0	12.1	**3,630**	155	90.6	6.6	**38.4**	**68.2**	**236**	222	**13,300**	**1,770**	**481**	**16,100**	<5.0	<5.0	<5.0	<2.0
	7/24/2023	**828**	<25.0	<25.0	**2,500**	136	76.0	<25.0	<50.0	<50.0	**146**	189	**2,410**	**1,050**	**318**	7,660	<25.0	<25.0	<25.0	<10.0
	10/25/2023	Monitoring Well MW-13 was dry and could not be sampled																		
	1/29/2024	Monitoring Well MW-13 was dry and could not be sampled																		
	5/15/2024	Monitoring Well MW-13 was dry and could not be sampled																		
MW-14	2/17/2023	Monitoring Well MW-14 was dry and could not be sampled																		
	5/23/2023	<5.0	<5.0	<5.0	**1,230**	18.8	34.7	<5.0	<10.0	<10.0	**91.7**	86.0	365	**666**	**160**	7,250	<5.0	<5.0	<5.0	<2.0
	7/24/2023	**10.0**	<5.0	<5.0	**2,230**	21.7	43.6	<5.0	<10.0	<10.0	**153**	119	**3,300**	**1,130**	**230**	**11,900**	<5.0	<5.0	<5.0	<2.0
	10/25/2023	<25.0	<25.0	<25.0	228	<25.0	31.8	<25.0	<50.0	<50.0	**56.2**	69.3	108	**550**	**142**	5,270	<25.0	<25.0	<25.0	<10.0
	1/29/2024	Monitoring Well MW-14 was dry and could not be sampled																		
	5/15/2024	<25.0	<25.0	<25.0	395	<25.0	30.8	<25.0	<50.0	<50.0	**70.2**	67.8	<25.0	**550**	**138**	2,480	<25.0	<25.0	<25.0	<10.0
MW-15	2/17/2023	Monitoring Well MW-15 was dry and could not be sampled																		
	5/23/2023	<5.0	181	101	27.4	90.8	59.9	48.3	**87.9**	**185**	**15.3**	247	<5.0	**715**	**232**	17.5	**5.1**	**5.6**	44.8	<2.0
	7/24/2023	Monitoring Well MW-15 was dry and could not be sampled																		
	10/25/2023	Monitoring Well MW-15 was dry and could not be sampled																		
	1/29/2024	Monitoring Well MW-15 was dry and could not be sampled																		
	5/15/2024	Monitoring Well MW-15 was dry and could not be sampled																		
MW-16	2/17/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	8.4	<5.0	<5.0	<10.0	**60.4**	<5.0	<5.0	<2.0
	5/23/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	**1.4**	<5.0	<5.0	<5.0	<5.0	<10.0	**61.2**	<5.0	<5.0	<2.0
	7/24/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	**64.0**	<5.0	<5.0	<2.0
	10/25/2023	Monitoring Well MW-16 was dry and could not be sampled																		
	1/29/2024	Monitoring Well MW-16 was dry and could not be sampled																		
	5/15/2024	Monitoring Well MW-16 was not sampled per IDEM																		

Table 2
Groundwater Analytical Results
Former Jiffy Mini Mart (Phillips 66)
1301 Poplar Street
Terre Haute, Vigo County, Indiana
IDEM FID No. 15981
LUST Incident No. 201610502

																Chlorinated VOCs*			
Sample ID	**Sample Date**	**Benzene**	**n-Butylbenzene**	**sec-Butylbenzene**	**Ethylbenzene**	**n-Hexane**	**Isopropylbenzene (Cumene)**	**p-Isopropyltoluene**	**1-Methylnaphthalene**	**2-Methylnaphthalene**	**Naphthalene**	**n-Propylbenzene**	**Toluene**	**1,2,4-Trimethylbenzene**	**1,3,5-Trimethylbenzene**	**Total Xylenes**	**Tetrachloroethene (PCE)***	**Trichloroethene (TCE)***	**cis-1,2-Dichloroethene***	**Vinyl Chloride***
R2 Groundwater Published Levels (GWPLs)		**5**	**1,000**	**2,000**	**700**	**2,000**	**500**	**NE**	**10**	**40**	**1**	**700**	**1,000**	**60**	**60**	**10,000**	**5**	**5**	**70**	**2**
MW-18	2/17/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	9.4	<5.0	<5.0	<10.0	**5.9**	<5.0	<5.0	<2.0
	5/23/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	**1.4**	<5.0	<5.0	<5.0	<5.0	<10.0	**35.0**	<5.0	<5.0	<2.0
	7/24/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	**13.0**	<5.0	<5.0	<2.0
	10/25/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	1/29/2024	Monitoring Well MW-18 was dry and could not be sampled																		
	5/15/2024	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	**30.1**	<5.0	<5.0	<2.0
MW-19	2/17/2023	Monitoring Well MW-19 was dry and could not be sampled																		
	5/23/2023	Monitoring Well MW-19 could not be located																		
	7/24/2023	Monitoring Well MW-19 could not be located																		
	10/25/2023	Monitoring Well MW-19 was dry and could not be sampled																		
	1/29/2024	Monitoring Well MW-19 was dry and could not be sampled																		
	5/15/2024	Monitoring Well MW-19 was not sampled per IDEM																		
MW-20	2/17/2023	Monitoring Well MW-20 was dry and could not be sampled																		
	5/23/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	7/25/2023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	10/25/2023	Monitoring Well MW-20 was dry and could not be sampled																		
	1/29/2024	Monitoring Well MW-20 was dry and could not be sampled																		
	5/15/2024	Monitoring Well MW-20 was not sampled per IDEM																		
MW-21	2/17/2023	**206**	15.3	<5.0	<5.0	<5.0	13.0	<5.0	<10.0	<10.0	**2.4**	16.8	9.9	**202**	<5.0	<10.0	<5.0	<5.0	<5.0	**5.2**
	5/23/2023	**106**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	24.6	<5.0	<10.0	**8.2**	<5.0	12.1	**10.0**
	7/24/2023	**71.7**	<5.0	<5.0	401	<5.0	29.5	<5.0	<10.0	<10.0	**2.9**	32.0	9.7	**241**	<5.0	952	<5.0	<5.0	<5.0	<2.0
	10/25/2023	**58.8**	<5.0	<5.0	<5.0	<5.0	13.2	<5.0	<10.0	<10.0	**4.6**	19.7	<5.0	**177**	<5.0	150	<5.0	<5.0	<5.0	<2.0
	1/29/2024	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	6.4	<5.0	53.1	<5.0	<10.0	<5.0	<5.0	<5.0	<2.0
	5/15/2024	**5.4**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<1.2	<5.0	<5.0	<5.0	<5.0	<10.0	**6.9**	<5.0	<5.0	<2.0
MW-22	2/17/2023	Monitoring well MW-22 did not contain enough groundwater to sample																		
	5/23/2023	<250	**2,800**	754	**65,200**	**10,300**	**1,980**	431	**1,720**	**3,380**	**3,490**	**6,920**	**10,100**	**143,000**	**10,900**	**310,000**	<250	<250	<250	<100
	7/24/2023	Monitoring Well MW-22 was dry and could not be sampled																		
	10/25/2023	Monitoring Well MW-22 was dry and could not be sampled																		
	1/29/2024	Monitoring Well MW-22 was dry and could not be sampled																		
	5/15/2024	Monitoring Well MW-22 was dry and could not be sampled																		

Notes:
All samples collected by IWM Consulting personnel and analyzed at Pace Analytical Services, LLC located in Indianapolis, Indiana.
All results in micrograms per liter (µg/L).
*Chlorinated VOCs are not a Petroleum Contaminant of Concern (COC) for the site.
VOCs analyzed using USEPA SW-846 Method 8260.
Unlisted compounds below laboratory detection limits for all samples.
Shaded concentrations exceed Risk-based Closure Guide (R2) Groundwater Published Levels (GWPLs).

APPENDIX B

FIELD DATA

IWM Consulting Group, LLC
7428 Rockville Road
Indianapolis, Indiana 46214

Groundwater Monitoring Report

Facility: **Former Jiffy Mini Mart (Phillip 66)** Date: 5/15/2024

Address: **1301 Poplar Street** City: **Terre Haute** State: **Indiana**

Sampling Technician: D.E. White Project Manager: **Mandy Hall**

Job Number: **IN23008** Page: **1 of 1**

Well ID	TOC Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Total Well Depth (feet)	Casing Diameter (O.D.")	Well Volume (Gallons)	Purge Volume (Gallons)	Sample Time
MW-1	101.56	—	24.65	29.48	2"	.46	1.30	8:36
MW-2				29.58	2"			
MW-3				29.50	2"			
MW-4				29.54	2"			
MW-5				29.53	2"			
MW-6				29.42	2"			
MW-7				30.00	2"			
*MW-8				29.33	2"			
MW-9	99.82	—	Dry	25.20	2"	—	—	—
MW-10	98.64	—	24.21	25.44	2"	.21	.63	8:59
MW-11R				25.30	2"			
MW-12	99.02	—	Dry	25.31	2"	—	—	—
MW-13	99.29	—	25.36	25.45	2"	—	—	—
MW-14	99.24	—	24.94	25.26	2"	—	—	10:10
MW-15	100.79	—	25.55	25.42	2"	—	—	—
MW-16				25.25	2"			
MW-18	99.93		24.24	27.77	2"	.67	2.0	10:02
MW-19				24.62	2"			
MW-20				25.62	2"			
MW-21	99.91		25.03	29.49	2"	.67	2.01	9:51
MW-22	101.23	—	25.44	25.61	2"	—	—	—

NOTE: *** Purged water for MW-8 should not be put in the drum. Please mix with litter, making it a solid, and dispose in dumpster.**
***Do not sample wells with free product. Purge the product from the wells and install oil absorbent socks.**

APPENDIX C

LABORATORY ANALTYCIAL REPORT

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

May 22, 2024

Mandy Hall
IWM Consulting
7428 Rockville Road
Indianapolis, IN 46214

RE: Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Dear Mandy Hall:

Enclosed are the analytical results for sample(s) received by the laboratory on May 15, 2024. 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,

Heather Patterson
heather.patterson@pacelabs.com
(317)228-3146
Project Manager

Enclosures

cc: Mr. Brad Gentry, IWM Consulting

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

CERTIFICATIONS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

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
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

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

SAMPLE SUMMARY

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50373219001	**MW-1**	Water	05/15/24 08:38	05/15/24 13:35
50373219002	**MW-10**	Water	05/15/24 08:59	05/15/24 13:35
50373219003	**MW-14**	Water	05/15/24 10:10	05/15/24 13:35
50373219004	**MW-18**	Water	05/15/24 10:02	05/15/24 13:35
50373219005	**MW-21**	Water	05/15/24 09:51	05/15/24 13:35
50373219006	**Dup**	Water	05/15/24 08:00	05/15/24 13:35
50373219007	**Trip Blank**	Water	05/15/24 08:25	05/15/24 13:35

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50373219001	**MW-1**	EPA 5030/8260	TMW	75	PASI-I
50373219002	**MW-10**	EPA 5030/8260	TMW	75	PASI-I
50373219003	**MW-14**	EPA 5030/8260	TMW	75	PASI-I
50373219004	**MW-18**	EPA 5030/8260	TMW	75	PASI-I
50373219005	**MW-21**	EPA 5030/8260	TMW	75	PASI-I
50373219006	**Dup**	EPA 5030/8260	TMW	75	PASI-I
50373219007	**Trip Blank**	EPA 5030/8260	TMW	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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50373219002	**MW-10**					
EPA 5030/8260	n-Butylbenzene	897	ug/L	100	05/17/24 08:49	
EPA 5030/8260	sec-Butylbenzene	331	ug/L	100	05/17/24 08:49	
EPA 5030/8260	Ethylbenzene	3800	ug/L	100	05/17/24 08:49	
EPA 5030/8260	n-Hexane	181	ug/L	100	05/17/24 08:49	
EPA 5030/8260	Isopropylbenzene (Cumene)	581	ug/L	100	05/17/24 08:49	
EPA 5030/8260	p-Isopropyltoluene	184	ug/L	100	05/17/24 08:49	
EPA 5030/8260	1-Methylnaphthalene	527	ug/L	200	05/17/24 08:49	
EPA 5030/8260	2-Methylnaphthalene	1000	ug/L	200	05/17/24 08:49	
EPA 5030/8260	Naphthalene	827	ug/L	24.0	05/17/24 08:49	
EPA 5030/8260	n-Propylbenzene	2440	ug/L	100	05/17/24 08:49	
EPA 5030/8260	1,2,4-Trimethylbenzene	3990000	ug/L	25000	05/20/24 22:31	E
EPA 5030/8260	1,3,5-Trimethylbenzene	3990	ug/L	100	05/17/24 08:49	
EPA 5030/8260	Xylene (Total)	3070000	ug/L	50000	05/20/24 22:31	ES
50373219003	**MW-14**					
EPA 5030/8260	Ethylbenzene	395	ug/L	25.0	05/17/24 09:50	
EPA 5030/8260	Isopropylbenzene (Cumene)	30.8	ug/L	25.0	05/17/24 09:50	
EPA 5030/8260	Naphthalene	70.2	ug/L	6.0	05/17/24 09:50	
EPA 5030/8260	n-Propylbenzene	67.8	ug/L	25.0	05/17/24 09:50	
EPA 5030/8260	1,2,4-Trimethylbenzene	550	ug/L	25.0	05/17/24 09:50	
EPA 5030/8260	1,3,5-Trimethylbenzene	138	ug/L	25.0	05/17/24 09:50	
EPA 5030/8260	Xylene (Total)	2480	ug/L	500	05/17/24 10:21	
50373219004	**MW-18**					
EPA 5030/8260	Tetrachloroethene	30.1	ug/L	5.0	05/17/24 17:59	
50373219005	**MW-21**					
EPA 5030/8260	Benzene	5.4	ug/L	5.0	05/17/24 18:30	
EPA 5030/8260	Tetrachloroethene	6.9	ug/L	5.0	05/17/24 18:30	
50373219006	**Dup**					
EPA 5030/8260	n-Butylbenzene	2460	ug/L	100	05/18/24 02:05	
EPA 5030/8260	sec-Butylbenzene	710	ug/L	100	05/18/24 02:05	
EPA 5030/8260	Ethylbenzene	28700	ug/L	1000	05/18/24 02:35	
EPA 5030/8260	n-Hexane	1220	ug/L	100	05/18/24 02:05	
EPA 5030/8260	Isopropylbenzene (Cumene)	1280	ug/L	100	05/18/24 02:05	
EPA 5030/8260	p-Isopropyltoluene	414	ug/L	100	05/18/24 02:05	
EPA 5030/8260	1-Methylnaphthalene	1350	ug/L	200	05/18/24 02:05	
EPA 5030/8260	2-Methylnaphthalene	2490	ug/L	200	05/18/24 02:05	
EPA 5030/8260	Naphthalene	1870	ug/L	24.0	05/18/24 02:05	
EPA 5030/8260	n-Propylbenzene	4530	ug/L	100	05/18/24 02:05	
EPA 5030/8260	1,2,4-Trimethylbenzene	3820000	ug/L	25000	05/20/24 23:02	E
EPA 5030/8260	1,3,5-Trimethylbenzene	1330000	ug/L	25000	05/20/24 23:02	
EPA 5030/8260	Xylene (Total)	2690000	ug/L	50000	05/20/24 23:02	ES

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-1 **Lab ID: 50373219001** Collected: 05/15/24 08:38 Received: 05/15/24 13:35 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		05/17/24 08:19	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/17/24 08:19	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/17/24 08:19	107-13-1	
Benzene	ND	ug/L	5.0	1		05/17/24 08:19	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/17/24 08:19	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/17/24 08:19	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/17/24 08:19	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/17/24 08:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/17/24 08:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/17/24 08:19	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/17/24 08:19	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/17/24 08:19	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/17/24 08:19	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/17/24 08:19	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/17/24 08:19	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/17/24 08:19	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/17/24 08:19	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/17/24 08:19	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/17/24 08:19	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/17/24 08:19	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/17/24 08:19	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/17/24 08:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/17/24 08:19	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/17/24 08:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 08:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 08:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 08:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/17/24 08:19	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/17/24 08:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/17/24 08:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/17/24 08:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/17/24 08:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/17/24 08:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/17/24 08:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/17/24 08:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/17/24 08:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/17/24 08:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/17/24 08:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/17/24 08:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/17/24 08:19	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/17/24 08:19	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/17/24 08:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/17/24 08:19	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/17/24 08:19	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/17/24 08:19	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/17/24 08:19	74-88-4	L1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-1 **Lab ID: 50373219001** Collected: 05/15/24 08:38 Received: 05/15/24 13:35 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		05/17/24 08:19	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		05/17/24 08:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		05/17/24 08:19	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		05/17/24 08:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		05/17/24 08:19	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		05/17/24 08:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		05/17/24 08:19	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		05/17/24 08:19	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		05/17/24 08:19	103-65-1	
Styrene	ND	ug/L	5.0	1		05/17/24 08:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		05/17/24 08:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		05/17/24 08:19	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/17/24 08:19	127-18-4	
Toluene	ND	ug/L	5.0	1		05/17/24 08:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		05/17/24 08:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		05/17/24 08:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/17/24 08:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		05/17/24 08:19	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		05/17/24 08:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		05/17/24 08:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		05/17/24 08:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		05/17/24 08:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		05/17/24 08:19	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		05/17/24 08:19	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		05/17/24 08:19	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/17/24 08:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		05/17/24 08:19	1868-53-7	
4-Bromofluorobenzene (S)	103	%.	79-124	1		05/17/24 08:19	460-00-4	
Toluene-d8 (S)	99	%.	73-122	1		05/17/24 08:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-10 **Lab ID: 50373219002** Collected: 05/15/24 08:59 Received: 05/15/24 13:35 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	2000	20		05/17/24 08:49	67-64-1	
Acrolein	ND	ug/L	1000	20		05/17/24 08:49	107-02-8	
Acrylonitrile	ND	ug/L	2000	20		05/17/24 08:49	107-13-1	
Benzene	ND	ug/L	100	20		05/17/24 08:49	71-43-2	
Bromobenzene	ND	ug/L	100	20		05/17/24 08:49	108-86-1	
Bromochloromethane	ND	ug/L	100	20		05/17/24 08:49	74-97-5	
Bromodichloromethane	ND	ug/L	100	20		05/17/24 08:49	75-27-4	
Bromoform	ND	ug/L	100	20		05/17/24 08:49	75-25-2	
Bromomethane	ND	ug/L	100	20		05/17/24 08:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	500	20		05/17/24 08:49	78-93-3	
n-Butylbenzene	**897**	ug/L	100	20		05/17/24 08:49	104-51-8	
sec-Butylbenzene	**331**	ug/L	100	20		05/17/24 08:49	135-98-8	
tert-Butylbenzene	ND	ug/L	100	20		05/17/24 08:49	98-06-6	
Carbon disulfide	ND	ug/L	200	20		05/17/24 08:49	75-15-0	
Carbon tetrachloride	ND	ug/L	100	20		05/17/24 08:49	56-23-5	
Chlorobenzene	ND	ug/L	100	20		05/17/24 08:49	108-90-7	
Chloroethane	ND	ug/L	100	20		05/17/24 08:49	75-00-3	
Chloroform	ND	ug/L	100	20		05/17/24 08:49	67-66-3	
Chloromethane	ND	ug/L	100	20		05/17/24 08:49	74-87-3	
2-Chlorotoluene	ND	ug/L	100	20		05/17/24 08:49	95-49-8	
4-Chlorotoluene	ND	ug/L	100	20		05/17/24 08:49	106-43-4	
Dibromochloromethane	ND	ug/L	100	20		05/17/24 08:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	100	20		05/17/24 08:49	106-93-4	
Dibromomethane	ND	ug/L	100	20		05/17/24 08:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	100	20		05/17/24 08:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	100	20		05/17/24 08:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	100	20		05/17/24 08:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	2000	20		05/17/24 08:49	110-57-6	
Dichlorodifluoromethane	ND	ug/L	100	20		05/17/24 08:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	100	20		05/17/24 08:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	100	20		05/17/24 08:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	20		05/17/24 08:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	100	20		05/17/24 08:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	100	20		05/17/24 08:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	100	20		05/17/24 08:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	100	20		05/17/24 08:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	100	20		05/17/24 08:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	100	20		05/17/24 08:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	100	20		05/17/24 08:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	20		05/17/24 08:49	10061-02-6	
Ethylbenzene	**3800**	ug/L	100	20		05/17/24 08:49	100-41-4	
Ethyl methacrylate	ND	ug/L	2000	20		05/17/24 08:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	20		05/17/24 08:49	87-68-3	
n-Hexane	**181**	ug/L	100	20		05/17/24 08:49	110-54-3	
2-Hexanone	ND	ug/L	500	20		05/17/24 08:49	591-78-6	
Iodomethane	ND	ug/L	200	20		05/17/24 08:49	74-88-4	L1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-10 **Lab ID: 50373219002** Collected: 05/15/24 08:59 Received: 05/15/24 13:35 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)	**581**	ug/L	100	20		05/17/24 08:49	98-82-8	
p-Isopropyltoluene	**184**	ug/L	100	20		05/17/24 08:49	99-87-6	
Methylene Chloride	ND	ug/L	100	20		05/17/24 08:49	75-09-2	
1-Methylnaphthalene	**527**	ug/L	200	20		05/17/24 08:49	90-12-0	
2-Methylnaphthalene	**1000**	ug/L	200	20		05/17/24 08:49	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	500	20		05/17/24 08:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	80.0	20		05/17/24 08:49	1634-04-4	
Naphthalene	**827**	ug/L	24.0	20		05/17/24 08:49	91-20-3	
n-Propylbenzene	**2440**	ug/L	100	20		05/17/24 08:49	103-65-1	
Styrene	ND	ug/L	100	20		05/17/24 08:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	100	20		05/17/24 08:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	20		05/17/24 08:49	79-34-5	
Tetrachloroethene	ND	ug/L	100	20		05/17/24 08:49	127-18-4	
Toluene	ND	ug/L	100	20		05/17/24 08:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	100	20		05/17/24 08:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	100	20		05/17/24 08:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	100	20		05/17/24 08:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	20		05/17/24 08:49	79-00-5	
Trichloroethene	ND	ug/L	100	20		05/17/24 08:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	100	20		05/17/24 08:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	100	20		05/17/24 08:49	96-18-4	
1,2,4-Trimethylbenzene	**3990000**	ug/L	25000	5000		05/20/24 22:31	95-63-6	E
1,3,5-Trimethylbenzene	**3990**	ug/L	100	20		05/17/24 08:49	108-67-8	
Vinyl acetate	ND	ug/L	1000	20		05/17/24 08:49	108-05-4	
Vinyl chloride	ND	ug/L	40.0	20		05/17/24 08:49	75-01-4	
Xylene (Total)	**3070000**	ug/L	50000	5000		05/20/24 22:31	1330-20-7	ES
Surrogates								
Dibromofluoromethane (S)	98	%.	82-128	20		05/17/24 08:49	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	79-124	20		05/17/24 08:49	460-00-4	
Toluene-d8 (S)	101	%.	73-122	20		05/17/24 08:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-14 **Lab ID: 50373219003** Collected: 05/15/24 10:10 Received: 05/15/24 13:35 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	500	5		05/17/24 09:50	67-64-1	
Acrolein	ND	ug/L	250	5		05/17/24 09:50	107-02-8	
Acrylonitrile	ND	ug/L	500	5		05/17/24 09:50	107-13-1	
Benzene	ND	ug/L	25.0	5		05/17/24 09:50	71-43-2	
Bromobenzene	ND	ug/L	25.0	5		05/17/24 09:50	108-86-1	
Bromochloromethane	ND	ug/L	25.0	5		05/17/24 09:50	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	5		05/17/24 09:50	75-27-4	
Bromoform	ND	ug/L	25.0	5		05/17/24 09:50	75-25-2	
Bromomethane	ND	ug/L	25.0	5		05/17/24 09:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		05/17/24 09:50	78-93-3	
n-Butylbenzene	ND	ug/L	25.0	5		05/17/24 09:50	104-51-8	
sec-Butylbenzene	ND	ug/L	25.0	5		05/17/24 09:50	135-98-8	
tert-Butylbenzene	ND	ug/L	25.0	5		05/17/24 09:50	98-06-6	
Carbon disulfide	ND	ug/L	50.0	5		05/17/24 09:50	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	5		05/17/24 09:50	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		05/17/24 09:50	108-90-7	
Chloroethane	ND	ug/L	25.0	5		05/17/24 09:50	75-00-3	
Chloroform	ND	ug/L	25.0	5		05/17/24 09:50	67-66-3	
Chloromethane	ND	ug/L	25.0	5		05/17/24 09:50	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	5		05/17/24 09:50	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	5		05/17/24 09:50	106-43-4	
Dibromochloromethane	ND	ug/L	25.0	5		05/17/24 09:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		05/17/24 09:50	106-93-4	
Dibromomethane	ND	ug/L	25.0	5		05/17/24 09:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		05/17/24 09:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		05/17/24 09:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		05/17/24 09:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	500	5		05/17/24 09:50	110-57-6	
Dichlorodifluoromethane	ND	ug/L	25.0	5		05/17/24 09:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	5		05/17/24 09:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		05/17/24 09:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	5		05/17/24 09:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	5		05/17/24 09:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	5		05/17/24 09:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		05/17/24 09:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	5		05/17/24 09:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	5		05/17/24 09:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	5		05/17/24 09:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		05/17/24 09:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		05/17/24 09:50	10061-02-6	
Ethylbenzene	**395**	ug/L	25.0	5		05/17/24 09:50	100-41-4	
Ethyl methacrylate	ND	ug/L	500	5		05/17/24 09:50	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	5		05/17/24 09:50	87-68-3	
n-Hexane	ND	ug/L	25.0	5		05/17/24 09:50	110-54-3	
2-Hexanone	ND	ug/L	125	5		05/17/24 09:50	591-78-6	
Iodomethane	ND	ug/L	50.0	5		05/17/24 09:50	74-88-4	L1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-14 **Lab ID: 50373219003** Collected: 05/15/24 10:10 Received: 05/15/24 13:35 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)	**30.8**	ug/L	25.0	5		05/17/24 09:50	98-82-8	
p-Isopropyltoluene	ND	ug/L	25.0	5		05/17/24 09:50	99-87-6	
Methylene Chloride	ND	ug/L	25.0	5		05/17/24 09:50	75-09-2	
1-Methylnaphthalene	ND	ug/L	50.0	5		05/17/24 09:50	90-12-0	
2-Methylnaphthalene	ND	ug/L	50.0	5		05/17/24 09:50	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		05/17/24 09:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		05/17/24 09:50	1634-04-4	
Naphthalene	**70.2**	ug/L	6.0	5		05/17/24 09:50	91-20-3	
n-Propylbenzene	**67.8**	ug/L	25.0	5		05/17/24 09:50	103-65-1	
Styrene	ND	ug/L	25.0	5		05/17/24 09:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	5		05/17/24 09:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		05/17/24 09:50	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		05/17/24 09:50	127-18-4	
Toluene	ND	ug/L	25.0	5		05/17/24 09:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	5		05/17/24 09:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		05/17/24 09:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		05/17/24 09:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		05/17/24 09:50	79-00-5	
Trichloroethene	ND	ug/L	25.0	5		05/17/24 09:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		05/17/24 09:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	5		05/17/24 09:50	96-18-4	
1,2,4-Trimethylbenzene	**550**	ug/L	25.0	5		05/17/24 09:50	95-63-6	
1,3,5-Trimethylbenzene	**138**	ug/L	25.0	5		05/17/24 09:50	108-67-8	
Vinyl acetate	ND	ug/L	250	5		05/17/24 09:50	108-05-4	
Vinyl chloride	ND	ug/L	10.0	5		05/17/24 09:50	75-01-4	
Xylene (Total)	**2480**	ug/L	500	50		05/17/24 10:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	82-128	5		05/17/24 09:50	1868-53-7	pH
4-Bromofluorobenzene (S)	97	%.	79-124	5		05/17/24 09:50	460-00-4	
Toluene-d8 (S)	98	%.	73-122	5		05/17/24 09:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-18 **Lab ID: 50373219004** Collected: 05/15/24 10:02 Received: 05/15/24 13:35 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		05/17/24 17:59	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/17/24 17:59	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/17/24 17:59	107-13-1	
Benzene	ND	ug/L	5.0	1		05/17/24 17:59	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/17/24 17:59	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/17/24 17:59	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/17/24 17:59	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/17/24 17:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/17/24 17:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/17/24 17:59	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/17/24 17:59	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/17/24 17:59	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/17/24 17:59	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/17/24 17:59	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/17/24 17:59	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/17/24 17:59	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/17/24 17:59	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/17/24 17:59	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/17/24 17:59	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/17/24 17:59	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/17/24 17:59	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/17/24 17:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/17/24 17:59	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/17/24 17:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 17:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 17:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 17:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/17/24 17:59	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/17/24 17:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/17/24 17:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/17/24 17:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/17/24 17:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/17/24 17:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/17/24 17:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/17/24 17:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/17/24 17:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/17/24 17:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/17/24 17:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/17/24 17:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/17/24 17:59	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/17/24 17:59	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/17/24 17:59	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/17/24 17:59	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/17/24 17:59	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/17/24 17:59	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/17/24 17:59	74-88-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-18 **Lab ID: 50373219004** Collected: 05/15/24 10:02 Received: 05/15/24 13:35 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		05/17/24 17:59	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		05/17/24 17:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		05/17/24 17:59	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		05/17/24 17:59	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		05/17/24 17:59	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		05/17/24 17:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		05/17/24 17:59	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		05/17/24 17:59	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		05/17/24 17:59	103-65-1	
Styrene	ND	ug/L	5.0	1		05/17/24 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		05/17/24 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		05/17/24 17:59	79-34-5	
Tetrachloroethene	**30.1**	ug/L	5.0	1		05/17/24 17:59	127-18-4	
Toluene	ND	ug/L	5.0	1		05/17/24 17:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		05/17/24 17:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		05/17/24 17:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/17/24 17:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		05/17/24 17:59	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		05/17/24 17:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		05/17/24 17:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		05/17/24 17:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		05/17/24 17:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		05/17/24 17:59	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		05/17/24 17:59	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		05/17/24 17:59	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/17/24 17:59	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	82-128	1		05/17/24 17:59	1868-53-7	pH
4-Bromofluorobenzene (S)	100	%.	79-124	1		05/17/24 17:59	460-00-4	
Toluene-d8 (S)	95	%.	73-122	1		05/17/24 17:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-21 **Lab ID: 50373219005** Collected: 05/15/24 09:51 Received: 05/15/24 13:35 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		05/17/24 18:30	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/17/24 18:30	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/17/24 18:30	107-13-1	
Benzene	**5.4**	ug/L	5.0	1		05/17/24 18:30	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/17/24 18:30	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/17/24 18:30	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/17/24 18:30	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/17/24 18:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/17/24 18:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/17/24 18:30	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/17/24 18:30	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/17/24 18:30	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/17/24 18:30	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/17/24 18:30	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/17/24 18:30	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/17/24 18:30	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/17/24 18:30	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/17/24 18:30	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/17/24 18:30	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/17/24 18:30	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/17/24 18:30	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/17/24 18:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/17/24 18:30	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/17/24 18:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 18:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 18:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 18:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/17/24 18:30	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/17/24 18:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/17/24 18:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/17/24 18:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/17/24 18:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/17/24 18:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/17/24 18:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/17/24 18:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/17/24 18:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/17/24 18:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/17/24 18:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/17/24 18:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/17/24 18:30	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/17/24 18:30	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/17/24 18:30	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/17/24 18:30	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/17/24 18:30	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/17/24 18:30	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/17/24 18:30	74-88-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: MW-21 **Lab ID: 50373219005** Collected: 05/15/24 09:51 Received: 05/15/24 13:35 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		05/17/24 18:30	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		05/17/24 18:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		05/17/24 18:30	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		05/17/24 18:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		05/17/24 18:30	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		05/17/24 18:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		05/17/24 18:30	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		05/17/24 18:30	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		05/17/24 18:30	103-65-1	
Styrene	ND	ug/L	5.0	1		05/17/24 18:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		05/17/24 18:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		05/17/24 18:30	79-34-5	
Tetrachloroethene	**6.9**	ug/L	5.0	1		05/17/24 18:30	127-18-4	
Toluene	ND	ug/L	5.0	1		05/17/24 18:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		05/17/24 18:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		05/17/24 18:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/17/24 18:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		05/17/24 18:30	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		05/17/24 18:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		05/17/24 18:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		05/17/24 18:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		05/17/24 18:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		05/17/24 18:30	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		05/17/24 18:30	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		05/17/24 18:30	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/17/24 18:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	82-128	1		05/17/24 18:30	1868-53-7	pH
4-Bromofluorobenzene (S)	101	%.	79-124	1		05/17/24 18:30	460-00-4	
Toluene-d8 (S)	96	%.	73-122	1		05/17/24 18:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: Dup **Lab ID: 50373219006** Collected: 05/15/24 08:00 Received: 05/15/24 13:35 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	2000	20		05/18/24 02:05	67-64-1	
Acrolein	ND	ug/L	1000	20		05/18/24 02:05	107-02-8	
Acrylonitrile	ND	ug/L	2000	20		05/18/24 02:05	107-13-1	
Benzene	ND	ug/L	100	20		05/18/24 02:05	71-43-2	
Bromobenzene	ND	ug/L	100	20		05/18/24 02:05	108-86-1	
Bromochloromethane	ND	ug/L	100	20		05/18/24 02:05	74-97-5	
Bromodichloromethane	ND	ug/L	100	20		05/18/24 02:05	75-27-4	
Bromoform	ND	ug/L	100	20		05/18/24 02:05	75-25-2	
Bromomethane	ND	ug/L	100	20		05/18/24 02:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	500	20		05/18/24 02:05	78-93-3	
n-Butylbenzene	**2460**	ug/L	100	20		05/18/24 02:05	104-51-8	
sec-Butylbenzene	**710**	ug/L	100	20		05/18/24 02:05	135-98-8	
tert-Butylbenzene	ND	ug/L	100	20		05/18/24 02:05	98-06-6	
Carbon disulfide	ND	ug/L	200	20		05/18/24 02:05	75-15-0	
Carbon tetrachloride	ND	ug/L	100	20		05/18/24 02:05	56-23-5	
Chlorobenzene	ND	ug/L	100	20		05/18/24 02:05	108-90-7	
Chloroethane	ND	ug/L	100	20		05/18/24 02:05	75-00-3	
Chloroform	ND	ug/L	100	20		05/18/24 02:05	67-66-3	
Chloromethane	ND	ug/L	100	20		05/18/24 02:05	74-87-3	
2-Chlorotoluene	ND	ug/L	100	20		05/18/24 02:05	95-49-8	
4-Chlorotoluene	ND	ug/L	100	20		05/18/24 02:05	106-43-4	
Dibromochloromethane	ND	ug/L	100	20		05/18/24 02:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	100	20		05/18/24 02:05	106-93-4	
Dibromomethane	ND	ug/L	100	20		05/18/24 02:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	100	20		05/18/24 02:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	100	20		05/18/24 02:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	100	20		05/18/24 02:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	2000	20		05/18/24 02:05	110-57-6	
Dichlorodifluoromethane	ND	ug/L	100	20		05/18/24 02:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	100	20		05/18/24 02:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	100	20		05/18/24 02:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	20		05/18/24 02:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	100	20		05/18/24 02:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	100	20		05/18/24 02:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	100	20		05/18/24 02:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	100	20		05/18/24 02:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	100	20		05/18/24 02:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	100	20		05/18/24 02:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	100	20		05/18/24 02:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	20		05/18/24 02:05	10061-02-6	
Ethylbenzene	**28700**	ug/L	1000	200		05/18/24 02:35	100-41-4	
Ethyl methacrylate	ND	ug/L	2000	20		05/18/24 02:05	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	20		05/18/24 02:05	87-68-3	
n-Hexane	**1220**	ug/L	100	20		05/18/24 02:05	110-54-3	
2-Hexanone	ND	ug/L	500	20		05/18/24 02:05	591-78-6	
Iodomethane	ND	ug/L	200	20		05/18/24 02:05	74-88-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: Dup **Lab ID: 50373219006** Collected: 05/15/24 08:00 Received: 05/15/24 13:35 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)	**1280**	ug/L	100	20		05/18/24 02:05	98-82-8	
p-Isopropyltoluene	**414**	ug/L	100	20		05/18/24 02:05	99-87-6	
Methylene Chloride	ND	ug/L	100	20		05/18/24 02:05	75-09-2	L1
1-Methylnaphthalene	**1350**	ug/L	200	20		05/18/24 02:05	90-12-0	
2-Methylnaphthalene	**2490**	ug/L	200	20		05/18/24 02:05	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	500	20		05/18/24 02:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	80.0	20		05/18/24 02:05	1634-04-4	
Naphthalene	**1870**	ug/L	24.0	20		05/18/24 02:05	91-20-3	
n-Propylbenzene	**4530**	ug/L	100	20		05/18/24 02:05	103-65-1	
Styrene	ND	ug/L	100	20		05/18/24 02:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	100	20		05/18/24 02:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	20		05/18/24 02:05	79-34-5	
Tetrachloroethene	ND	ug/L	100	20		05/18/24 02:05	127-18-4	
Toluene	ND	ug/L	100	20		05/18/24 02:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	100	20		05/18/24 02:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	100	20		05/18/24 02:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	100	20		05/18/24 02:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	20		05/18/24 02:05	79-00-5	
Trichloroethene	ND	ug/L	100	20		05/18/24 02:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	100	20		05/18/24 02:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	100	20		05/18/24 02:05	96-18-4	
1,2,4-Trimethylbenzene	**3820000**	ug/L	25000	5000		05/20/24 23:02	95-63-6	E
1,3,5-Trimethylbenzene	**1330000**	ug/L	25000	5000		05/20/24 23:02	108-67-8	
Vinyl acetate	ND	ug/L	1000	20		05/18/24 02:05	108-05-4	
Vinyl chloride	ND	ug/L	40.0	20		05/18/24 02:05	75-01-4	
Xylene (Total)	**2690000**	ug/L	50000	5000		05/20/24 23:02	1330-20-7	ES
Surrogates								
Dibromofluoromethane (S)	106	%.	82-128	20		05/18/24 02:05	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	79-124	20		05/18/24 02:05	460-00-4	
Toluene-d8 (S)	103	%.	73-122	20		05/18/24 02:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: Trip Blank **Lab ID: 50373219007** Collected: 05/15/24 08:25 Received: 05/15/24 13:35 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		05/18/24 03:05	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/18/24 03:05	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/18/24 03:05	107-13-1	
Benzene	ND	ug/L	5.0	1		05/18/24 03:05	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/18/24 03:05	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/18/24 03:05	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/18/24 03:05	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/18/24 03:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/18/24 03:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/18/24 03:05	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/18/24 03:05	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/18/24 03:05	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/18/24 03:05	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/18/24 03:05	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/18/24 03:05	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/18/24 03:05	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/18/24 03:05	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/18/24 03:05	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/18/24 03:05	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/18/24 03:05	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/18/24 03:05	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/18/24 03:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/18/24 03:05	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/18/24 03:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/18/24 03:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/18/24 03:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/18/24 03:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/18/24 03:05	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/18/24 03:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/18/24 03:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/18/24 03:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/18/24 03:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/18/24 03:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/18/24 03:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/18/24 03:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/18/24 03:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/18/24 03:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/18/24 03:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/18/24 03:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/18/24 03:05	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/18/24 03:05	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/18/24 03:05	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/18/24 03:05	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/18/24 03:05	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/18/24 03:05	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/18/24 03:05	74-88-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Sample: Trip Blank **Lab ID: 50373219007** Collected: 05/15/24 08:25 Received: 05/15/24 13:35 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		05/18/24 03:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		05/18/24 03:05	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		05/18/24 03:05	75-09-2	L1
1-Methylnaphthalene	ND	ug/L	10.0	1		05/18/24 03:05	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		05/18/24 03:05	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		05/18/24 03:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		05/18/24 03:05	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		05/18/24 03:05	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		05/18/24 03:05	103-65-1	
Styrene	ND	ug/L	5.0	1		05/18/24 03:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		05/18/24 03:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		05/18/24 03:05	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/18/24 03:05	127-18-4	
Toluene	ND	ug/L	5.0	1		05/18/24 03:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		05/18/24 03:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		05/18/24 03:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/18/24 03:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		05/18/24 03:05	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		05/18/24 03:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		05/18/24 03:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		05/18/24 03:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		05/18/24 03:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		05/18/24 03:05	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		05/18/24 03:05	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		05/18/24 03:05	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/18/24 03:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	82-128	1		05/18/24 03:05	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	79-124	1		05/18/24 03:05	460-00-4	
Toluene-d8 (S)	95	%.	73-122	1		05/18/24 03:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

QC Batch: 790437
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50373219001, 50373219002, 50373219003

METHOD BLANK: 3616800
Matrix: Water
Associated Lab Samples: 50373219001, 50373219002, 50373219003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	05/17/24 01:13	
1,1,1-Trichloroethane	ug/L	ND	5.0	05/17/24 01:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	05/17/24 01:13	
1,1,2-Trichloroethane	ug/L	ND	5.0	05/17/24 01:13	
1,1-Dichloroethane	ug/L	ND	5.0	05/17/24 01:13	
1,1-Dichloroethene	ug/L	ND	5.0	05/17/24 01:13	
1,1-Dichloropropene	ug/L	ND	5.0	05/17/24 01:13	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	05/17/24 01:13	
1,2,3-Trichloropropane	ug/L	ND	5.0	05/17/24 01:13	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	05/17/24 01:13	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	05/17/24 01:13	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	05/17/24 01:13	
1,2-Dichlorobenzene	ug/L	ND	5.0	05/17/24 01:13	
1,2-Dichloroethane	ug/L	ND	5.0	05/17/24 01:13	
1,2-Dichloropropane	ug/L	ND	5.0	05/17/24 01:13	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	05/17/24 01:13	
1,3-Dichlorobenzene	ug/L	ND	5.0	05/17/24 01:13	
1,3-Dichloropropane	ug/L	ND	5.0	05/17/24 01:13	
1,4-Dichlorobenzene	ug/L	ND	5.0	05/17/24 01:13	
1-Methylnaphthalene	ug/L	ND	10.0	05/17/24 01:13	
2,2-Dichloropropane	ug/L	ND	5.0	05/17/24 01:13	
2-Butanone (MEK)	ug/L	ND	25.0	05/17/24 01:13	
2-Chlorotoluene	ug/L	ND	5.0	05/17/24 01:13	
2-Hexanone	ug/L	ND	25.0	05/17/24 01:13	
2-Methylnaphthalene	ug/L	ND	10.0	05/17/24 01:13	
4-Chlorotoluene	ug/L	ND	5.0	05/17/24 01:13	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	05/17/24 01:13	
Acetone	ug/L	ND	100	05/17/24 01:13	
Acrolein	ug/L	ND	50.0	05/17/24 01:13	
Acrylonitrile	ug/L	ND	100	05/17/24 01:13	
Benzene	ug/L	ND	5.0	05/17/24 01:13	
Bromobenzene	ug/L	ND	5.0	05/17/24 01:13	
Bromochloromethane	ug/L	ND	5.0	05/17/24 01:13	
Bromodichloromethane	ug/L	ND	5.0	05/17/24 01:13	
Bromoform	ug/L	ND	5.0	05/17/24 01:13	
Bromomethane	ug/L	ND	5.0	05/17/24 01:13	
Carbon disulfide	ug/L	ND	10.0	05/17/24 01:13	
Carbon tetrachloride	ug/L	ND	5.0	05/17/24 01:13	
Chlorobenzene	ug/L	ND	5.0	05/17/24 01:13	
Chloroethane	ug/L	ND	5.0	05/17/24 01:13	

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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

METHOD BLANK: 3616800 Matrix: Water
Associated Lab Samples: 50373219001, 50373219002, 50373219003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	05/17/24 01:13	
Chloromethane	ug/L	ND	5.0	05/17/24 01:13	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/17/24 01:13	
cis-1,3-Dichloropropene	ug/L	ND	5.0	05/17/24 01:13	
Dibromochloromethane	ug/L	ND	5.0	05/17/24 01:13	
Dibromomethane	ug/L	ND	5.0	05/17/24 01:13	
Dichlorodifluoromethane	ug/L	ND	5.0	05/17/24 01:13	
Ethyl methacrylate	ug/L	ND	100	05/17/24 01:13	
Ethylbenzene	ug/L	ND	5.0	05/17/24 01:13	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	05/17/24 01:13	
Iodomethane	ug/L	ND	10.0	05/17/24 01:13	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	05/17/24 01:13	
Methyl-tert-butyl ether	ug/L	ND	4.0	05/17/24 01:13	
Methylene Chloride	ug/L	ND	5.0	05/17/24 01:13	
n-Butylbenzene	ug/L	ND	5.0	05/17/24 01:13	
n-Hexane	ug/L	ND	5.0	05/17/24 01:13	
n-Propylbenzene	ug/L	ND	5.0	05/17/24 01:13	
Naphthalene	ug/L	ND	1.2	05/17/24 01:13	
p-Isopropyltoluene	ug/L	ND	5.0	05/17/24 01:13	
sec-Butylbenzene	ug/L	ND	5.0	05/17/24 01:13	
Styrene	ug/L	ND	5.0	05/17/24 01:13	
tert-Butylbenzene	ug/L	ND	5.0	05/17/24 01:13	
Tetrachloroethene	ug/L	ND	5.0	05/17/24 01:13	
Toluene	ug/L	ND	5.0	05/17/24 01:13	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/17/24 01:13	
trans-1,3-Dichloropropene	ug/L	ND	5.0	05/17/24 01:13	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	05/17/24 01:13	
Trichloroethene	ug/L	ND	5.0	05/17/24 01:13	
Trichlorofluoromethane	ug/L	ND	5.0	05/17/24 01:13	
Vinyl acetate	ug/L	ND	50.0	05/17/24 01:13	
Vinyl chloride	ug/L	ND	2.0	05/17/24 01:13	
Xylene (Total)	ug/L	ND	10.0	05/17/24 01:13	
4-Bromofluorobenzene (S)	%.	91	79-124	05/17/24 01:13	
Dibromofluoromethane (S)	%.	100	82-128	05/17/24 01:13	
Toluene-d8 (S)	%.	99	73-122	05/17/24 01:13	

LABORATORY CONTROL SAMPLE: 3616801

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.7	107	81-130	
1,1,1-Trichloroethane	ug/L	50	49.2	98	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	50.6	101	70-126	
1,1,2-Trichloroethane	ug/L	50	52.8	106	79-125	
1,1-Dichloroethane	ug/L	50	49.9	100	79-120	

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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

LABORATORY CONTROL SAMPLE: 3616801

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	48.9	98	71-130	
1,1-Dichloropropene	ug/L	50	54.2	108	78-144	
1,2,3-Trichlorobenzene	ug/L	50	48.7	97	57-146	
1,2,3-Trichloropropane	ug/L	50	50.0	100	74-127	
1,2,4-Trichlorobenzene	ug/L	50	46.1	92	62-136	
1,2,4-Trimethylbenzene	ug/L	50	49.4	99	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	53.3	107	80-120	
1,2-Dichlorobenzene	ug/L	50	48.9	98	79-123	
1,2-Dichloroethane	ug/L	50	51.5	103	72-123	
1,2-Dichloropropane	ug/L	50	51.9	104	76-125	
1,3,5-Trimethylbenzene	ug/L	50	49.0	98	71-120	
1,3-Dichlorobenzene	ug/L	50	48.9	98	78-117	
1,3-Dichloropropane	ug/L	50	53.1	106	77-126	
1,4-Dichlorobenzene	ug/L	50	48.5	97	79-116	
1-Methylnaphthalene	ug/L	50	55.1	110	50-190	
2,2-Dichloropropane	ug/L	50	49.9	100	48-138	
2-Butanone (MEK)	ug/L	250	231	92	67-135	
2-Chlorotoluene	ug/L	50	48.5	97	75-122	
2-Hexanone	ug/L	250	255	102	65-135	
2-Methylnaphthalene	ug/L	50	52.6	105	55-184	
4-Chlorotoluene	ug/L	50	49.4	99	77-120	
4-Methyl-2-pentanone (MIBK)	ug/L	250	257	103	69-136	
Acetone	ug/L	250	198	79	34-156	
Acrolein	ug/L	1000	675	68	59-191	
Acrylonitrile	ug/L	250	255	102	67-146	
Benzene	ug/L	50	54.6	109	76-122	
Bromobenzene	ug/L	50	51.2	102	75-121	
Bromochloromethane	ug/L	50	49.5	99	73-119	
Bromodichloromethane	ug/L	50	55.9	112	80-126	
Bromoform	ug/L	50	52.1	104	77-124	
Bromomethane	ug/L	50	83.0	166	10-175	
Carbon disulfide	ug/L	50	45.6	91	69-121	
Carbon tetrachloride	ug/L	50	50.2	100	73-127	
Chlorobenzene	ug/L	50	50.3	101	76-118	
Chloroethane	ug/L	50	54.0	108	36-162	
Chloroform	ug/L	50	53.1	106	78-121	
Chloromethane	ug/L	50	52.3	105	37-143	
cis-1,2-Dichloroethene	ug/L	50	54.7	109	77-123	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	76-132	
Dibromochloromethane	ug/L	50	54.4	109	79-130	
Dibromomethane	ug/L	50	56.1	112	79-124	
Dichlorodifluoromethane	ug/L	50	28.6	57	29-126	
Ethyl methacrylate	ug/L	50	58.1J	116	78-137	
Ethylbenzene	ug/L	50	54.4	109	76-120	
Hexachloro-1,3-butadiene	ug/L	50	46.7	93	60-131	
Iodomethane	ug/L	50	84.0	168	10-148	L1
Isopropylbenzene (Cumene)	ug/L	50	52.7	105	71-124	

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

LABORATORY CONTROL SAMPLE: 3616801

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	51.9	104	71-121	
Methylene Chloride	ug/L	50	56.4	113	71-121	
n-Butylbenzene	ug/L	50	45.8	92	68-131	
n-Hexane	ug/L	50	39.8	80	51-126	
n-Propylbenzene	ug/L	50	48.9	98	67-127	
Naphthalene	ug/L	50	52.7	105	62-143	
p-Isopropyltoluene	ug/L	50	49.1	98	72-124	
sec-Butylbenzene	ug/L	50	50.7	101	71-126	
Styrene	ug/L	50	51.9	104	80-121	
tert-Butylbenzene	ug/L	50	50.4	101	71-128	
Tetrachloroethene	ug/L	50	52.0	104	71-122	
Toluene	ug/L	50	51.5	103	74-118	
trans-1,2-Dichloroethene	ug/L	50	51.0	102	75-122	
trans-1,3-Dichloropropene	ug/L	50	53.7	107	77-126	
trans-1,4-Dichloro-2-butene	ug/L	50	47.7J	95	53-136	
Trichloroethene	ug/L	50	51.7	103	74-125	
Trichlorofluoromethane	ug/L	50	48.5	97	64-138	
Vinyl acetate	ug/L	200	259	130	74-154	
Vinyl chloride	ug/L	50	49.1	98	55-139	
Xylene (Total)	ug/L	150	153	102	73-119	
4-Bromofluorobenzene (S)	%.			101	79-124	
Dibromofluoromethane (S)	%.			103	82-128	
Toluene-d8 (S)	%.			99	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3616802 3616803

Parameter	Units	50372732002 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	53.0	54.7	106	109	47-139	3	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	48.9	51.1	98	102	47-145	4	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	47.6	49.7	95	99	49-133	4	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	51.9	53.6	104	107	52-136	3	20	
1,1-Dichloroethane	ug/L	ND	50	50	49.0	51.9	98	104	52-137	6	20	
1,1-Dichloroethene	ug/L	ND	50	50	45.3	43.0	91	86	53-144	5	20	
1,1-Dichloropropene	ug/L	ND	50	50	54.0	52.6	108	105	49-150	3	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	46.3	46.4	93	93	20-153	0	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	46.8	47.5	94	95	47-134	2	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	41.8	41.1	84	82	23-141	2	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	45.0	46.0	90	92	41-131	2	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	50.8	52.7	102	105	55-133	4	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	48.7	48.7	97	97	43-133	0	20	
1,2-Dichloroethane	ug/L	ND	50	50	49.3	51.5	99	103	50-138	4	20	
1,2-Dichloropropane	ug/L	ND	50	50	49.6	53.0	99	106	54-139	6	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	47.9	47.2	96	94	39-133	2	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	47.1	46.6	94	93	41-131	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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3616802 3616803

Parameter	Units	50372732002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichloropropane	ug/L	ND	50	50	50.8	52.7	102	105	50-136	4	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	47.2	46.7	94	93	41-131	1	20	
1-Methylnaphthalene	ug/L	ND	50	50	48.9	51.3	98	103	10-188	5	20	
2,2-Dichloropropane	ug/L	ND	50	50	46.8	50.3	94	101	17-141	7	20	
2-Butanone (MEK)	ug/L	ND	250	250	207	281	83	113	45-138	30	20	R1
2-Chlorotoluene	ug/L	ND	50	50	47.9	46.3	96	93	36-141	3	20	
2-Hexanone	ug/L	ND	250	250	221	243	89	97	45-135	9	20	
2-Methylnaphthalene	ug/L	ND	50	50	44.1	48.4	88	97	10-197	9	20	
4-Chlorotoluene	ug/L	ND	50	50	48.4	47.4	97	95	38-134	2	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	228	251	91	100	46-138	9	20	
Acetone	ug/L	ND	250	250	190	195	74	76	25-151	3	20	
Acrolein	ug/L	ND	1000	1000	608	677	61	68	36-168	11	20	
Acrylonitrile	ug/L	ND	250	250	241	259	96	104	47-147	7	20	
Benzene	ug/L	ND	50	50	52.8	54.6	106	109	53-138	3	20	
Bromobenzene	ug/L	ND	50	50	50.5	51.1	101	102	47-130	1	20	
Bromochloromethane	ug/L	ND	50	50	47.9	51.1	96	102	52-130	6	20	
Bromodichloromethane	ug/L	ND	50	50	53.5	56.0	107	112	50-146	5	20	
Bromoform	ug/L	ND	50	50	50.6	51.0	101	102	45-132	1	20	
Bromomethane	ug/L	ND	50	50	76.2	84.3	152	169	10-173	10	20	
Carbon disulfide	ug/L	ND	50	50	44.9	44.3	90	89	47-133	1	20	
Carbon tetrachloride	ug/L	ND	50	50	51.6	50.9	103	102	43-148	1	20	
Chlorobenzene	ug/L	ND	50	50	50.5	50.9	101	102	52-131	1	20	
Chloroethane	ug/L	ND	50	50	52.0	53.4	104	107	25-169	3	20	
Chloroform	ug/L	ND	50	50	53.1	53.8	106	108	54-138	1	20	
Chloromethane	ug/L	ND	50	50	48.3	51.9	97	104	33-137	7	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	54.2	55.9	108	112	50-141	3	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	49.9	51.3	100	103	47-135	3	20	
Dibromochloromethane	ug/L	ND	50	50	52.1	53.8	104	108	48-139	3	20	
Dibromomethane	ug/L	ND	50	50	52.7	55.4	105	111	51-141	5	20	
Dichlorodifluoromethane	ug/L	ND	50	50	26.9	28.0	54	56	15-130	4	20	
Ethyl methacrylate	ug/L	ND	50	50	51.1J	54.4J	102	109	51-142		20	
Ethylbenzene	ug/L	ND	50	50	52.9	52.1	106	104	50-136	2	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	43.5	43.1	87	86	15-141	1	20	
Iodomethane	ug/L	ND	50	50	80.5	83.1	161	166	10-145	3	20	M0
Isopropylbenzene (Cumene)	ug/L	ND	50	50	51.8	51.8	104	104	46-137	0	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	47.5	51.2	95	102	47-135	8	20	
Methylene Chloride	ug/L	ND	50	50	49.0	50.5	98	101	48-131	3	20	
n-Butylbenzene	ug/L	ND	50	50	44.7	43.2	89	86	30-138	3	20	
n-Hexane	ug/L	ND	50	50	40.0	41.4	80	83	35-137	3	20	
n-Propylbenzene	ug/L	ND	50	50	48.0	47.4	96	95	37-135	1	20	
Naphthalene	ug/L	ND	50	50	46.9	49.2	94	98	34-152	5	20	
p-Isopropyltoluene	ug/L	ND	50	50	47.2	46.3	94	93	35-136	2	20	
sec-Butylbenzene	ug/L	ND	50	50	49.9	49.1	100	98	36-137	2	20	
Styrene	ug/L	ND	50	50	48.3	49.8	97	100	46-136	3	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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3616802 3616803

Parameter	Units	50372732002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
tert-Butylbenzene	ug/L	ND	50	50	50.5	50.0	101	100	40-137	1	20	
Tetrachloroethene	ug/L	ND	50	50	49.7	50.4	99	101	44-138	1	20	
Toluene	ug/L	ND	50	50	48.7	50.4	97	101	52-132	3	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	48.1	48.9	96	98	50-137	2	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	49.6	52.1	99	104	46-130	5	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	43J	45.5J	86	91	24-134		20	
Trichloroethene	ug/L	ND	50	50	49.6	51.4	99	103	49-140	4	20	
Trichlorofluoromethane	ug/L	ND	50	50	50.5	50.8	101	102	44-153	1	20	
Vinyl acetate	ug/L	ND	200	200	209	216	104	108	32-142	4	20	
Vinyl chloride	ug/L	ND	50	50	47.5	50.8	95	102	41-147	7	20	
Xylene (Total)	ug/L	ND	150	150	149	149	100	99	44-138	0	20	
4-Bromofluorobenzene (S)	%.						100	101	79-124			
Dibromofluoromethane (S)	%.						102	106	82-128			
Toluene-d8 (S)	%.						97	101	73-122			

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

QC Batch: 790648
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50373219004, 50373219005

METHOD BLANK: 3618090 Matrix: Water
Associated Lab Samples: 50373219004, 50373219005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	05/17/24 13:26	
1,1,1-Trichloroethane	ug/L	ND	5.0	05/17/24 13:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	05/17/24 13:26	
1,1,2-Trichloroethane	ug/L	ND	5.0	05/17/24 13:26	
1,1-Dichloroethane	ug/L	ND	5.0	05/17/24 13:26	
1,1-Dichloroethene	ug/L	ND	5.0	05/17/24 13:26	
1,1-Dichloropropene	ug/L	ND	5.0	05/17/24 13:26	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	05/17/24 13:26	
1,2,3-Trichloropropane	ug/L	ND	5.0	05/17/24 13:26	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	05/17/24 13:26	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	05/17/24 13:26	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	05/17/24 13:26	
1,2-Dichlorobenzene	ug/L	ND	5.0	05/17/24 13:26	
1,2-Dichloroethane	ug/L	ND	5.0	05/17/24 13:26	
1,2-Dichloropropane	ug/L	ND	5.0	05/17/24 13:26	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	05/17/24 13:26	
1,3-Dichlorobenzene	ug/L	ND	5.0	05/17/24 13:26	
1,3-Dichloropropane	ug/L	ND	5.0	05/17/24 13:26	
1,4-Dichlorobenzene	ug/L	ND	5.0	05/17/24 13:26	
1-Methylnaphthalene	ug/L	ND	10.0	05/17/24 13:26	
2,2-Dichloropropane	ug/L	ND	5.0	05/17/24 13:26	
2-Butanone (MEK)	ug/L	ND	25.0	05/17/24 13:26	
2-Chlorotoluene	ug/L	ND	5.0	05/17/24 13:26	
2-Hexanone	ug/L	ND	25.0	05/17/24 13:26	
2-Methylnaphthalene	ug/L	ND	10.0	05/17/24 13:26	
4-Chlorotoluene	ug/L	ND	5.0	05/17/24 13:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	05/17/24 13:26	
Acetone	ug/L	ND	100	05/17/24 13:26	
Acrolein	ug/L	ND	50.0	05/17/24 13:26	
Acrylonitrile	ug/L	ND	100	05/17/24 13:26	
Benzene	ug/L	ND	5.0	05/17/24 13:26	
Bromobenzene	ug/L	ND	5.0	05/17/24 13:26	
Bromochloromethane	ug/L	ND	5.0	05/17/24 13:26	
Bromodichloromethane	ug/L	ND	5.0	05/17/24 13:26	
Bromoform	ug/L	ND	5.0	05/17/24 13:26	
Bromomethane	ug/L	ND	5.0	05/17/24 13:26	
Carbon disulfide	ug/L	ND	10.0	05/17/24 13:26	
Carbon tetrachloride	ug/L	ND	5.0	05/17/24 13:26	
Chlorobenzene	ug/L	ND	5.0	05/17/24 13:26	
Chloroethane	ug/L	ND	5.0	05/17/24 13:26	

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

METHOD BLANK: 3618090 Matrix: Water
Associated Lab Samples: 50373219004, 50373219005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	05/17/24 13:26	
Chloromethane	ug/L	ND	5.0	05/17/24 13:26	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/17/24 13:26	
cis-1,3-Dichloropropene	ug/L	ND	5.0	05/17/24 13:26	
Dibromochloromethane	ug/L	ND	5.0	05/17/24 13:26	
Dibromomethane	ug/L	ND	5.0	05/17/24 13:26	
Dichlorodifluoromethane	ug/L	ND	5.0	05/17/24 13:26	
Ethyl methacrylate	ug/L	ND	100	05/17/24 13:26	
Ethylbenzene	ug/L	ND	5.0	05/17/24 13:26	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	05/17/24 13:26	
Iodomethane	ug/L	ND	10.0	05/17/24 13:26	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	05/17/24 13:26	
Methyl-tert-butyl ether	ug/L	ND	4.0	05/17/24 13:26	
Methylene Chloride	ug/L	ND	5.0	05/17/24 13:26	
n-Butylbenzene	ug/L	ND	5.0	05/17/24 13:26	
n-Hexane	ug/L	ND	5.0	05/17/24 13:26	
n-Propylbenzene	ug/L	ND	5.0	05/17/24 13:26	
Naphthalene	ug/L	ND	1.2	05/17/24 13:26	
p-Isopropyltoluene	ug/L	ND	5.0	05/17/24 13:26	
sec-Butylbenzene	ug/L	ND	5.0	05/17/24 13:26	
Styrene	ug/L	ND	5.0	05/17/24 13:26	
tert-Butylbenzene	ug/L	ND	5.0	05/17/24 13:26	
Tetrachloroethene	ug/L	ND	5.0	05/17/24 13:26	
Toluene	ug/L	ND	5.0	05/17/24 13:26	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/17/24 13:26	
trans-1,3-Dichloropropene	ug/L	ND	5.0	05/17/24 13:26	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	05/17/24 13:26	
Trichloroethene	ug/L	ND	5.0	05/17/24 13:26	
Trichlorofluoromethane	ug/L	ND	5.0	05/17/24 13:26	
Vinyl acetate	ug/L	ND	50.0	05/17/24 13:26	
Vinyl chloride	ug/L	ND	2.0	05/17/24 13:26	
Xylene (Total)	ug/L	ND	10.0	05/17/24 13:26	
4-Bromofluorobenzene (S)	%.	101	79-124	05/17/24 13:26	
Dibromofluoromethane (S)	%.	98	82-128	05/17/24 13:26	
Toluene-d8 (S)	%.	96	73-122	05/17/24 13:26	

LABORATORY CONTROL SAMPLE: 3618091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.8	94	81-130	
1,1,1-Trichloroethane	ug/L	50	45.9	92	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	45.1	90	70-126	
1,1,2-Trichloroethane	ug/L	50	45.7	91	79-125	
1,1-Dichloroethane	ug/L	50	44.7	89	79-120	

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

LABORATORY CONTROL SAMPLE: 3618091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	45.5	91	71-130	
1,1-Dichloropropene	ug/L	50	48.0	96	78-144	
1,2,3-Trichlorobenzene	ug/L	50	45.8	92	57-146	
1,2,3-Trichloropropane	ug/L	50	45.8	92	74-127	
1,2,4-Trichlorobenzene	ug/L	50	43.4	87	62-136	
1,2,4-Trimethylbenzene	ug/L	50	43.1	86	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	80-120	
1,2-Dichlorobenzene	ug/L	50	43.3	87	79-123	
1,2-Dichloroethane	ug/L	50	44.8	90	72-123	
1,2-Dichloropropane	ug/L	50	47.2	94	76-125	
1,3,5-Trimethylbenzene	ug/L	50	42.6	85	71-120	
1,3-Dichlorobenzene	ug/L	50	45.1	90	78-117	
1,3-Dichloropropane	ug/L	50	45.6	91	77-126	
1,4-Dichlorobenzene	ug/L	50	44.1	88	79-116	
1-Methylnaphthalene	ug/L	50	47.4	95	50-190	
2,2-Dichloropropane	ug/L	50	45.0	90	48-138	
2-Butanone (MEK)	ug/L	250	174	70	67-135	
2-Chlorotoluene	ug/L	50	42.1	84	75-122	
2-Hexanone	ug/L	250	204	82	65-135	
2-Methylnaphthalene	ug/L	50	44.4	89	55-184	
4-Chlorotoluene	ug/L	50	45.0	90	77-120	
4-Methyl-2-pentanone (MIBK)	ug/L	250	227	91	69-136	
Acetone	ug/L	250	146	59	34-156	
Acrolein	ug/L	1000	654	65	59-191	
Acrylonitrile	ug/L	250	243	97	67-146	
Benzene	ug/L	50	46.0	92	76-122	
Bromobenzene	ug/L	50	44.0	88	75-121	
Bromochloromethane	ug/L	50	44.9	90	73-119	
Bromodichloromethane	ug/L	50	50.6	101	80-126	
Bromoform	ug/L	50	47.0	94	77-124	
Bromomethane	ug/L	50	53.4	107	10-175	
Carbon disulfide	ug/L	50	42.3	85	69-121	
Carbon tetrachloride	ug/L	50	46.7	93	73-127	
Chlorobenzene	ug/L	50	44.3	89	76-118	
Chloroethane	ug/L	50	42.1	84	36-162	
Chloroform	ug/L	50	46.3	93	78-121	
Chloromethane	ug/L	50	40.5	81	37-143	
cis-1,2-Dichloroethene	ug/L	50	48.6	97	77-123	
cis-1,3-Dichloropropene	ug/L	50	47.6	95	76-132	
Dibromochloromethane	ug/L	50	47.0	94	79-130	
Dibromomethane	ug/L	50	49.2	98	79-124	
Dichlorodifluoromethane	ug/L	50	22.8	46	29-126	
Ethyl methacrylate	ug/L	50	49.1J	98	78-137	
Ethylbenzene	ug/L	50	45.7	91	76-120	
Hexachloro-1,3-butadiene	ug/L	50	43.0	86	60-131	
Iodomethane	ug/L	50	56.7	113	10-148	
Isopropylbenzene (Cumene)	ug/L	50	44.5	89	71-124	

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

LABORATORY CONTROL SAMPLE: 3618091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	45.4	91	71-121	
Methylene Chloride	ug/L	50	46.7	93	71-121	
n-Butylbenzene	ug/L	50	43.1	86	68-131	
n-Hexane	ug/L	50	35.2	70	51-126	
n-Propylbenzene	ug/L	50	43.0	86	67-127	
Naphthalene	ug/L	50	48.6	97	62-143	
p-Isopropyltoluene	ug/L	50	43.3	87	72-124	
sec-Butylbenzene	ug/L	50	43.0	86	71-126	
Styrene	ug/L	50	44.7	89	80-121	
tert-Butylbenzene	ug/L	50	42.8	86	71-128	
Tetrachloroethene	ug/L	50	44.3	89	71-122	
Toluene	ug/L	50	43.2	86	74-118	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	75-122	
trans-1,3-Dichloropropene	ug/L	50	47.4	95	77-126	
trans-1,4-Dichloro-2-butene	ug/L	50	43J	86	53-136	
Trichloroethene	ug/L	50	46.6	93	74-125	
Trichlorofluoromethane	ug/L	50	43.7	87	64-138	
Vinyl acetate	ug/L	200	226	113	74-154	
Vinyl chloride	ug/L	50	40.6	81	55-139	
Xylene (Total)	ug/L	150	133	89	73-119	
4-Bromofluorobenzene (S)	%.			95	79-124	
Dibromofluoromethane (S)	%.			102	82-128	
Toluene-d8 (S)	%.			96	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3618092 3618093

Parameter	Units	50372560002 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	56.0	54.2	112	108	47-139	3	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	53.6	53.4	107	107	47-145	0	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	51.5	50.1	103	100	49-133	3	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	52.1	52.0	104	104	52-136	0	20	
1,1-Dichloroethane	ug/L	ND	50	50	51.6	51.2	103	102	52-137	1	20	
1,1-Dichloroethene	ug/L	ND	50	50	54.4	53.7	109	107	53-144	1	20	
1,1-Dichloropropene	ug/L	ND	50	50	54.8	55.2	110	110	49-150	1	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	54.3	34.8	109	70	20-153	44	20	R1
1,2,3-Trichloropropane	ug/L	ND	50	50	52.9	50.6	106	101	47-134	4	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	51.3	32.1	103	64	23-141	46	20	R1
1,2,4-Trimethylbenzene	ug/L	ND	50	50	50.5	44.5	99	87	41-131	13	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	58.0	55.7	116	111	55-133	4	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	52.4	41.9	105	84	43-133	22	20	R1
1,2-Dichloroethane	ug/L	ND	50	50	51.6	53.2	103	106	50-138	3	20	
1,2-Dichloropropane	ug/L	ND	50	50	53.6	53.6	107	107	54-139	0	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	50.3	45.3	100	90	39-133	10	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	51.9	41.5	104	83	41-131	22	20	R1

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3618092 3618093

Parameter	Units	50372560002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichloropropane	ug/L	ND	50	50	52.4	52.7	105	105	50-136	1	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	51.4	40.5	103	81	41-131	24	20	R1
1-Methylnaphthalene	ug/L	ND	50	50	52.8	33.2	104	65	10-188	46	20	R1
2,2-Dichloropropane	ug/L	ND	50	50	53.0	54.1	106	108	17-141	2	20	
2-Butanone (MEK)	ug/L	ND	250	250	227	240	91	96	45-138	6	20	
2-Chlorotoluene	ug/L	ND	50	50	50.5	44.7	101	89	36-141	12	20	
2-Hexanone	ug/L	ND	250	250	232	226	93	90	45-135	3	20	
2-Methylnaphthalene	ug/L	ND	50	50	51.9	30.7	101	58	10-197	51	20	R1
4-Chlorotoluene	ug/L	ND	50	50	53.0	45.2	106	90	38-134	16	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	255	253	102	101	46-138	1	20	
Acetone	ug/L	ND	250	250	164	163	66	65	25-151	1	20	
Acrolein	ug/L	ND	1000	1000	680	718	68	72	36-168	5	20	
Acrylonitrile	ug/L	ND	250	250	268	281	107	112	47-147	5	20	
Benzene	ug/L	ND	50	50	53.4	54.8	107	110	53-138	3	20	
Bromobenzene	ug/L	ND	50	50	51.3	44.1	103	88	47-130	15	20	
Bromochloromethane	ug/L	ND	50	50	50.1	51.8	100	104	52-130	3	20	
Bromodichloromethane	ug/L	ND	50	50	56.9	56.1	114	112	50-146	2	20	
Bromoform	ug/L	ND	50	50	54.4	51.9	109	104	45-132	5	20	
Bromomethane	ug/L	ND	50	50	57.8	60.0	116	120	10-173	4	20	
Carbon disulfide	ug/L	ND	50	50	48.5	47.7	97	95	47-133	2	20	
Carbon tetrachloride	ug/L	ND	50	50	52.9	54.1	106	108	43-148	2	20	
Chlorobenzene	ug/L	ND	50	50	52.6	48.9	105	98	52-131	7	20	
Chloroethane	ug/L	ND	50	50	48.5	48.2	97	96	25-169	1	20	
Chloroform	ug/L	ND	50	50	53.8	54.7	108	109	54-138	2	20	
Chloromethane	ug/L	ND	50	50	43.7	46.1	87	92	33-137	5	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	57.2	56.6	112	111	50-141	1	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	55.2	53.7	110	107	47-135	3	20	
Dibromochloromethane	ug/L	ND	50	50	56.3	53.1	113	106	48-139	6	20	
Dibromomethane	ug/L	ND	50	50	56.8	56.7	114	113	51-141	0	20	
Dichlorodifluoromethane	ug/L	ND	50	50	26.0	25.6	52	51	15-130	1	20	
Ethyl methacrylate	ug/L	ND	50	50	56.5J	54.7J	113	109	51-142		20	
Ethylbenzene	ug/L	ND	50	50	52.9	49.4	106	99	50-136	7	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	50.1	43.9	100	88	15-141	13	20	
Iodomethane	ug/L	ND	50	50	65.3	63.4	131	127	10-145	3	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	53.3	48.9	107	98	46-137	9	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	53.5	53.0	107	106	47-135	1	20	
Methylene Chloride	ug/L	ND	50	50	53.4	54.1	107	108	48-131	1	20	
n-Butylbenzene	ug/L	ND	50	50	50.1	41.7	100	83	30-138	18	20	
n-Hexane	ug/L	ND	50	50	41.6	41.1	83	82	35-137	1	20	
n-Propylbenzene	ug/L	ND	50	50	50.6	45.1	101	90	37-135	11	20	
Naphthalene	ug/L	ND	50	50	55.9	41.3	112	83	34-152	30	20	R1
p-Isopropyltoluene	ug/L	ND	50	50	51.1	45.3	102	91	35-136	12	20	
sec-Butylbenzene	ug/L	ND	50	50	50.6	47.3	101	95	36-137	7	20	
Styrene	ug/L	ND	50	50	54.0	47.6	108	95	46-136	13	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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3618092 3618093

Parameter	Units	50372560002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
tert-Butylbenzene	ug/L	ND	50	50	51.7	48.0	103	96	40-137	7	20	
Tetrachloroethene	ug/L	ND	50	50	52.8	50.4	106	101	44-138	5	20	
Toluene	ug/L	ND	50	50	52.6	51.3	105	102	52-132	3	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	54.4	53.5	109	107	50-137	2	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	55.3	53.7	111	107	46-130	3	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	47.7J	47J	95	94	24-134		20	
Trichloroethene	ug/L	ND	50	50	53.8	53.7	108	107	49-140	0	20	
Trichlorofluoromethane	ug/L	ND	50	50	47.4	48.8	95	98	44-153	3	20	
Vinyl acetate	ug/L	ND	200	200	251	253	125	126	32-142	1	20	
Vinyl chloride	ug/L	ND	50	50	44.4	47.3	89	95	41-147	6	20	
Xylene (Total)	ug/L	ND	150	150	154	146	103	97	44-138	6	20	
4-Bromofluorobenzene (S)	%.						97	97	79-124			
Dibromofluoromethane (S)	%.						103	102	82-128			
Toluene-d8 (S)	%.						100	96	73-122			

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

QC Batch: 790650
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50373219006, 50373219007

METHOD BLANK: 3618098 Matrix: Water
Associated Lab Samples: 50373219006, 50373219007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	05/18/24 01:34	
1,1,1-Trichloroethane	ug/L	ND	5.0	05/18/24 01:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	05/18/24 01:34	
1,1,2-Trichloroethane	ug/L	ND	5.0	05/18/24 01:34	
1,1-Dichloroethane	ug/L	ND	5.0	05/18/24 01:34	
1,1-Dichloroethene	ug/L	ND	5.0	05/18/24 01:34	
1,1-Dichloropropene	ug/L	ND	5.0	05/18/24 01:34	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	05/18/24 01:34	
1,2,3-Trichloropropane	ug/L	ND	5.0	05/18/24 01:34	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	05/18/24 01:34	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	05/18/24 01:34	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	05/18/24 01:34	
1,2-Dichlorobenzene	ug/L	ND	5.0	05/18/24 01:34	
1,2-Dichloroethane	ug/L	ND	5.0	05/18/24 01:34	
1,2-Dichloropropane	ug/L	ND	5.0	05/18/24 01:34	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	05/18/24 01:34	
1,3-Dichlorobenzene	ug/L	ND	5.0	05/18/24 01:34	
1,3-Dichloropropane	ug/L	ND	5.0	05/18/24 01:34	
1,4-Dichlorobenzene	ug/L	ND	5.0	05/18/24 01:34	
1-Methylnaphthalene	ug/L	ND	10.0	05/18/24 01:34	
2,2-Dichloropropane	ug/L	ND	5.0	05/18/24 01:34	
2-Butanone (MEK)	ug/L	ND	25.0	05/18/24 01:34	
2-Chlorotoluene	ug/L	ND	5.0	05/18/24 01:34	
2-Hexanone	ug/L	ND	25.0	05/18/24 01:34	
2-Methylnaphthalene	ug/L	ND	10.0	05/18/24 01:34	
4-Chlorotoluene	ug/L	ND	5.0	05/18/24 01:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	05/18/24 01:34	
Acetone	ug/L	ND	100	05/18/24 01:34	
Acrolein	ug/L	ND	50.0	05/18/24 01:34	
Acrylonitrile	ug/L	ND	100	05/18/24 01:34	
Benzene	ug/L	ND	5.0	05/18/24 01:34	
Bromobenzene	ug/L	ND	5.0	05/18/24 01:34	
Bromochloromethane	ug/L	ND	5.0	05/18/24 01:34	
Bromodichloromethane	ug/L	ND	5.0	05/18/24 01:34	
Bromoform	ug/L	ND	5.0	05/18/24 01:34	
Bromomethane	ug/L	ND	5.0	05/18/24 01:34	
Carbon disulfide	ug/L	ND	10.0	05/18/24 01:34	
Carbon tetrachloride	ug/L	ND	5.0	05/18/24 01:34	
Chlorobenzene	ug/L	ND	5.0	05/18/24 01:34	
Chloroethane	ug/L	ND	5.0	05/18/24 01:34	

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

METHOD BLANK: 3618098 Matrix: Water
Associated Lab Samples: 50373219006, 50373219007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	05/18/24 01:34	
Chloromethane	ug/L	ND	5.0	05/18/24 01:34	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/18/24 01:34	
cis-1,3-Dichloropropene	ug/L	ND	5.0	05/18/24 01:34	
Dibromochloromethane	ug/L	ND	5.0	05/18/24 01:34	
Dibromomethane	ug/L	ND	5.0	05/18/24 01:34	
Dichlorodifluoromethane	ug/L	ND	5.0	05/18/24 01:34	
Ethyl methacrylate	ug/L	ND	100	05/18/24 01:34	
Ethylbenzene	ug/L	ND	5.0	05/18/24 01:34	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	05/18/24 01:34	
Iodomethane	ug/L	ND	10.0	05/18/24 01:34	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	05/18/24 01:34	
Methyl-tert-butyl ether	ug/L	ND	4.0	05/18/24 01:34	
Methylene Chloride	ug/L	10.8	5.0	05/18/24 01:34	
n-Butylbenzene	ug/L	ND	5.0	05/18/24 01:34	
n-Hexane	ug/L	ND	5.0	05/18/24 01:34	
n-Propylbenzene	ug/L	ND	5.0	05/18/24 01:34	
Naphthalene	ug/L	ND	1.2	05/18/24 01:34	
p-Isopropyltoluene	ug/L	ND	5.0	05/18/24 01:34	
sec-Butylbenzene	ug/L	ND	5.0	05/18/24 01:34	
Styrene	ug/L	ND	5.0	05/18/24 01:34	
tert-Butylbenzene	ug/L	ND	5.0	05/18/24 01:34	
Tetrachloroethene	ug/L	ND	5.0	05/18/24 01:34	
Toluene	ug/L	ND	5.0	05/18/24 01:34	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/18/24 01:34	
trans-1,3-Dichloropropene	ug/L	ND	5.0	05/18/24 01:34	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	05/18/24 01:34	
Trichloroethene	ug/L	ND	5.0	05/18/24 01:34	
Trichlorofluoromethane	ug/L	ND	5.0	05/18/24 01:34	
Vinyl acetate	ug/L	ND	50.0	05/18/24 01:34	
Vinyl chloride	ug/L	ND	2.0	05/18/24 01:34	
Xylene (Total)	ug/L	ND	10.0	05/18/24 01:34	
4-Bromofluorobenzene (S)	%.	100	79-124	05/18/24 01:34	
Dibromofluoromethane (S)	%.	99	82-128	05/18/24 01:34	
Toluene-d8 (S)	%.	96	73-122	05/18/24 01:34	

LABORATORY CONTROL SAMPLE: 3618099

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.6	101	81-130	
1,1,1-Trichloroethane	ug/L	50	49.0	98	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	47.0	94	70-126	
1,1,2-Trichloroethane	ug/L	50	47.8	96	79-125	
1,1-Dichloroethane	ug/L	50	48.9	98	79-120	

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

LABORATORY CONTROL SAMPLE: 3618099

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	51.1	102	71-130	
1,1-Dichloropropene	ug/L	50	51.4	103	78-144	
1,2,3-Trichlorobenzene	ug/L	50	45.8	92	57-146	
1,2,3-Trichloropropane	ug/L	50	47.8	96	74-127	
1,2,4-Trichlorobenzene	ug/L	50	42.5	85	62-136	
1,2,4-Trimethylbenzene	ug/L	50	45.9	92	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	52.4	105	80-120	
1,2-Dichlorobenzene	ug/L	50	46.7	93	79-123	
1,2-Dichloroethane	ug/L	50	47.9	96	72-123	
1,2-Dichloropropane	ug/L	50	48.3	97	76-125	
1,3,5-Trimethylbenzene	ug/L	50	46.8	94	71-120	
1,3-Dichlorobenzene	ug/L	50	46.9	94	78-117	
1,3-Dichloropropane	ug/L	50	48.0	96	77-126	
1,4-Dichlorobenzene	ug/L	50	45.5	91	79-116	
1-Methylnaphthalene	ug/L	50	47.5	95	50-190	
2,2-Dichloropropane	ug/L	50	46.3	93	48-138	
2-Butanone (MEK)	ug/L	250	211	85	67-135	
2-Chlorotoluene	ug/L	50	47.1	94	75-122	
2-Hexanone	ug/L	250	202	81	65-135	
2-Methylnaphthalene	ug/L	50	46.0	92	55-184	
4-Chlorotoluene	ug/L	50	48.2	96	77-120	
4-Methyl-2-pentanone (MIBK)	ug/L	250	224	90	69-136	
Acetone	ug/L	250	148	59	34-156	
Acrolein	ug/L	1000	760	76	59-191	
Acrylonitrile	ug/L	250	240	96	67-146	
Benzene	ug/L	50	49.4	99	76-122	
Bromobenzene	ug/L	50	46.0	92	75-121	
Bromochloromethane	ug/L	50	46.0	92	73-119	
Bromodichloromethane	ug/L	50	51.8	104	80-126	
Bromoform	ug/L	50	49.8	100	77-124	
Bromomethane	ug/L	50	55.7	111	10-175	
Carbon disulfide	ug/L	50	44.2	88	69-121	
Carbon tetrachloride	ug/L	50	50.0	100	73-127	
Chlorobenzene	ug/L	50	48.2	96	76-118	
Chloroethane	ug/L	50	44.8	90	36-162	
Chloroform	ug/L	50	48.8	98	78-121	
Chloromethane	ug/L	50	40.9	82	37-143	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	77-123	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	76-132	
Dibromochloromethane	ug/L	50	50.0	100	79-130	
Dibromomethane	ug/L	50	51.2	102	79-124	
Dichlorodifluoromethane	ug/L	50	24.1	48	29-126	
Ethyl methacrylate	ug/L	50	50.3J	101	78-137	
Ethylbenzene	ug/L	50	48.8	98	76-120	
Hexachloro-1,3-butadiene	ug/L	50	46.8	94	60-131	
Iodomethane	ug/L	50	60.1	120	10-148	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	71-124	

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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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

LABORATORY CONTROL SAMPLE: 3618099

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	47.4	95	71-121	
Methylene Chloride	ug/L	50	60.9	122	71-121	L1
n-Butylbenzene	ug/L	50	44.8	90	68-131	
n-Hexane	ug/L	50	38.4	77	51-126	
n-Propylbenzene	ug/L	50	47.1	94	67-127	
Naphthalene	ug/L	50	49.9	100	62-143	
p-Isopropyltoluene	ug/L	50	46.7	93	72-124	
sec-Butylbenzene	ug/L	50	48.8	98	71-126	
Styrene	ug/L	50	47.8	96	80-121	
tert-Butylbenzene	ug/L	50	48.2	96	71-128	
Tetrachloroethene	ug/L	50	49.1	98	71-122	
Toluene	ug/L	50	47.6	95	74-118	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	75-122	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	77-126	
trans-1,4-Dichloro-2-butene	ug/L	50	40.3J	81	53-136	
Trichloroethene	ug/L	50	50.9	102	74-125	
Trichlorofluoromethane	ug/L	50	46.0	92	64-138	
Vinyl acetate	ug/L	200	226	113	74-154	
Vinyl chloride	ug/L	50	41.9	84	55-139	
Xylene (Total)	ug/L	150	143	95	73-119	
4-Bromofluorobenzene (S)	%.			98	79-124	
Dibromofluoromethane (S)	%.			100	82-128	
Toluene-d8 (S)	%.			96	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3618100 3618101

Parameter	Units	50372990004 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	55.1	55.0	110	110	47-139	0	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	52.5	52.3	105	105	47-145	0	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	51.8	52.2	104	104	49-133	1	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	53.8	54.2	108	108	52-136	1	20	
1,1-Dichloroethane	ug/L	ND	50	50	52.7	52.3	105	105	52-137	1	20	
1,1-Dichloroethene	ug/L	ND	50	50	52.6	53.4	105	107	53-144	1	20	
1,1-Dichloropropene	ug/L	ND	50	50	53.0	52.6	106	105	49-150	1	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	45.4	49.0	91	98	20-153	7	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	49.6	54.4	99	109	47-134	9	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	40.6	42.7	81	85	23-141	5	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	43.8	45.6	88	91	41-131	4	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	58.5	59.0	117	118	55-133	1	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	47.7	48.9	95	98	43-133	3	20	
1,2-Dichloroethane	ug/L	ND	50	50	52.7	50.6	105	101	50-138	4	20	
1,2-Dichloropropane	ug/L	ND	50	50	53.3	51.5	107	103	54-139	3	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	44.3	46.0	89	92	39-133	4	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	45.0	47.9	90	96	41-131	6	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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3618100 3618101

Parameter	Units	50372990004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichloropropane	ug/L	ND	50	50	54.4	53.4	109	107	50-136	2	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	45.4	46.3	91	93	41-131	2	20	
1-Methylnaphthalene	ug/L	ND	50	50	47.0	49.8	93	99	10-188	6	20	
2,2-Dichloropropane	ug/L	ND	50	50	49.5	47.8	99	96	17-141	4	20	
2-Butanone (MEK)	ug/L	ND	250	250	244	230	98	92	45-138	6	20	
2-Chlorotoluene	ug/L	ND	50	50	44.7	46.6	89	93	36-141	4	20	
2-Hexanone	ug/L	ND	250	250	240	244	96	98	45-135	2	20	
2-Methylnaphthalene	ug/L	ND	50	50	45.7	49.0	90	97	10-197	7	20	
4-Chlorotoluene	ug/L	ND	50	50	46.6	47.9	93	96	38-134	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	256	267	102	107	46-138	4	20	
Acetone	ug/L	ND	250	250	167	162	67	65	25-151	3	20	
Acrolein	ug/L	ND	1000	1000	726	721	73	72	36-168	1	20	
Acrylonitrile	ug/L	ND	250	250	273	273	109	109	47-147	0	20	
Benzene	ug/L	ND	50	50	52.9	52.6	106	105	53-138	0	20	
Bromobenzene	ug/L	ND	50	50	50.2	50.5	100	101	47-130	1	20	
Bromochloromethane	ug/L	ND	50	50	49.9	48.5	100	97	52-130	3	20	
Bromodichloromethane	ug/L	ND	50	50	57.9	56.4	116	113	50-146	3	20	
Bromoform	ug/L	ND	50	50	52.6	55.0	105	110	45-132	4	20	
Bromomethane	ug/L	ND	50	50	59.7	58.0	119	116	10-173	3	20	
Carbon disulfide	ug/L	ND	50	50	46.3	43.3	93	87	47-133	7	20	
Carbon tetrachloride	ug/L	ND	50	50	52.7	52.1	105	104	43-148	1	20	
Chlorobenzene	ug/L	ND	50	50	50.8	52.1	102	104	52-131	3	20	
Chloroethane	ug/L	ND	50	50	46.1	48.7	92	97	25-169	5	20	
Chloroform	ug/L	ND	50	50	53.3	52.3	107	105	54-138	2	20	
Chloromethane	ug/L	ND	50	50	43.2	42.0	86	84	33-137	3	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	54.7	54.1	109	108	50-141	1	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	52.2	52.9	104	106	47-135	1	20	
Dibromochloromethane	ug/L	ND	50	50	55.9	56.3	112	113	48-139	1	20	
Dibromomethane	ug/L	ND	50	50	58.5	55.6	117	111	51-141	5	20	
Dichlorodifluoromethane	ug/L	ND	50	50	25.8	24.9	52	50	15-130	4	20	
Ethyl methacrylate	ug/L	ND	50	50	56.4J	56.1J	113	112	51-142		20	
Ethylbenzene	ug/L	ND	50	50	49.7	51.3	99	103	50-136	3	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	42.4	44.5	85	89	15-141	5	20	
Iodomethane	ug/L	ND	50	50	63.6	65.1	127	130	10-145	2	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	50.5	52.2	101	104	46-137	3	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	51.6	53.1	103	106	47-135	3	20	
Methylene Chloride	ug/L	ND	50	50	56.1	54.9	112	110	48-131	2	20	
n-Butylbenzene	ug/L	ND	50	50	41.8	43.3	84	87	30-138	4	20	
n-Hexane	ug/L	ND	50	50	41.1	39.5	82	79	35-137	4	20	
n-Propylbenzene	ug/L	ND	50	50	45.5	47.2	91	94	37-135	4	20	
Naphthalene	ug/L	ND	50	50	51.8	54.2	104	108	34-152	5	20	
p-Isopropyltoluene	ug/L	ND	50	50	44.8	46.5	90	93	35-136	4	20	
sec-Butylbenzene	ug/L	ND	50	50	47.4	48.0	95	96	36-137	1	20	
Styrene	ug/L	ND	50	50	48.5	51.0	97	102	46-136	5	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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3618100 3618101

Parameter	Units	50372990004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
tert-Butylbenzene	ug/L	ND	50	50	47.9	50.2	96	100	40-137	5	20	
Tetrachloroethene	ug/L	ND	50	50	49.8	50.0	100	100	44-138	0	20	
Toluene	ug/L	ND	50	50	50.6	51.4	101	103	52-132	1	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	50.1	50.1	100	100	50-137	0	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	51.8	53.7	104	107	46-130	4	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	43.8J	45J	88	90	24-134		20	
Trichloroethene	ug/L	ND	50	50	51.3	50.0	103	100	49-140	3	20	
Trichlorofluoromethane	ug/L	ND	50	50	50.9	50.4	102	101	44-153	1	20	
Vinyl acetate	ug/L	ND	200	200	204	201	102	100	32-142	1	20	
Vinyl chloride	ug/L	ND	50	50	44.5	43.5	89	87	41-147	2	20	
Xylene (Total)	ug/L	ND	150	150	149	151	99	101	44-138	2	20	
4-Bromofluorobenzene (S)	%.						98	100	79-124			
Dibromofluoromethane (S)	%.						101	101	82-128			
Toluene-d8 (S)	%.						98	99	73-122			

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: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1	RPD value was outside control limits.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1301 Poplar St ELTF - WT
Pace Project No.: 50373219

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50373219001	**MW-1**	EPA 5030/8260	790437		
50373219002	**MW-10**	EPA 5030/8260	790437		
50373219003	**MW-14**	EPA 5030/8260	790437		
50373219004	**MW-18**	EPA 5030/8260	790648		
50373219005	**MW-21**	EPA 5030/8260	790648		
50373219006	**Dup**	EPA 5030/8260	790650		
50373219007	**Trip Blank**	EPA 5030/8260	790650		

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50373219

50373219

Company Name:	IWM Consulting	Contact/Report To:	Mandy Hall
Street Address:	7428 Rockville Road, Indianapolis, IN 46214	Phone #:	317-565-1618
		E-Mail:	mhall@iwmconsult.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	1301 Poplar St ELTF - WT	Invoice To:	Emily Gibson
		Invoice E-Mail:	officemanager@iwmconsult.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: 5 Day TAT

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 MSV Indiana	Sample Comment
mw-1	GW	G			5/15	8:30	3			X	001
mw-10						8:59				X	002
mw-14						10:10				X	003
mw-18						10:02				X	004
mw-21						9:51				X	005
Dup						—				X	006
Trip Blank	X	X			X	8:25				X	007

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Heather Patterson**
AcctNum / Client ID:
Table #:
Profile / Template: **9791 - 2**
Prelog / Bottle Ord. ID: **EZ 3096190**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: (Printed Name) D. E. White
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	G	0	0.4	0.4	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	5/15 1:30			
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [X] In- Person [ ] Courier
	5/15 1:35	Chelsea B	5/15 1:35	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: of

F-IN-Q-290-rev.26, 30Apr2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: CB 5/15/24 16:51

1. Courier: ☐FED EX | UPS ☑CLIENT ☐PACE ☐NOW/JETT | OTHER _____

2. Custody Seal on Cooler/Box Present: | | Yes ☐ No

(If yes)Seals Intact: ☐ Yes ☐ No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 7 8 A B C D E F G H

4. Cooler Temperature(s): (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: | |Bubble Wrap | ☑ Bubble Bags | | None | | Other _____

6. Ice Type: ☑ Wet ☐ Blue ☐ None

7. Was the PM notified of out of temp cooler?: | |Yes ☐No
Cooler temp should be above freezing to 6°C

8. EZ Bottle Order? ☑ Yes | |No

If yes but not on COC what is the EZ Bottle Order Number?:

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

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, 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			✓
Short Hold Time Analysis (48 hours or less)? Analysis:		✓				
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Rush TAT Requested (4 days or less):		✓	Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Custody Signatures Present?	✓		Headspace Wisconsin Sulfide?			✓
Containers Intact?:	✓		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent ✓	No VOA Vials Sent
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Present?	✓		
Extra labels on Terracore Vials? (soils only)		✓	Trip Blank Custody Seals?:	✓		

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

** Place a RED dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER					Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
			MeOH (only)																										Red	Yellow	Green	Black
			SBS																													
			DI			VOA																											
COC Line Item	WGFU	WGKU BG1U	R	DG9H	VG9H	VIAL HS >6mm	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit		Matrix	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1				3																								WT				
2																																
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKU	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	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, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe