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: 24197**
Facility Name: Superstation		LUST Incident Number(s): **202103505**
Street Address *(number and street)*: 1257 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:	3
Number of monitoring wells installed:	4
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: Akal Investments, Inc.		
Street Address *(number and street)*:435 Virginia Avenue, Suite 707		
City: Indianapolis	State: IN	ZIP Code: 46203
Contact Person: Varinder Sahi	Telephone Number: (317) 430-3433	
E-mail Address: vsahi@sbcglobal.net		

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
SUPERSTATION
1257 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID No. 24197
IDEM INCIDENT No. 202103505

Prepared For:

Mr. Ben Welvaert
Indiana Department of Environmental Management
Office of Land Quality
Petroleum Branch
Petroleum Remediation Section
100 North Senate Avenue, Room 1101
Indianapolis, Indiana 46204

Prepared by:

IWM Consulting Group, LLC
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Project No. IN 21076

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 Akal Investments, Inc. for the Superstation facility located at 1257 Poplar Street in Terre Haute, Indiana (site). The QMR summarizes the 2nd quarter groundwater sampling event of 2024. At IDEM's request, the quarterly sampling event was coordinated with the quarterly sampling event of the Phillip 66 facility located at 1301 Poplar Street (FID No. 15981/Incident No. 201610502) on the adjacent property east (upgradient) of the site. Coordination of a quarterly sampling event for the two facilities will allow both facilities to update the conceptual site model (CSM).

The site is occupied by a convenience store and an underground storage tank (UST) system. The UST cavity, consisting of one 12,000-gallon gasoline UST and one 8,000-gallon gasoline UST, is located on the southeast portion of the site.

On August 3, 2021, three soil borings were advanced onsite as part of Site Check activities. Site Check activities were completed to measure for the presence of a release from fuel observed in the premium gasoline STP up to an unsealed penetration boot. Three soil samples and three groundwater samples were collected and analyzed for volatile organic compounds (VOCs) and total lead. No adsorbed VOCs were detected in the soil samples exceeding *Risk-Based Closure Guide* (R2) Excavation Soil Published Levels (XSPLs), Commercial Soil Published Levels (CSPLs), and Residential Soil Published Levels (RSPLs). Several dissolved VOCs were detected in the groundwater samples exceeding R2 Groundwater Published Levels (GWPLs). Due to the elevated VOC concentrations detected during Site Check activities, IWM Consulting confirmed the Leaking Underground Storage Tank (LUST) release.

On October 21 and 22, 2021, four monitoring wells (IWMW-1 through IWMW-4) were installed onsite as part of Initial Site Characterization (ISC) activities. Monitoring wells IWMW-1, IWMW-2, and IWMW-3 were installed in the areas of Site Check soil borings GP-1, GP-2, and GP-3 and were blank drilled. One soil sample was collected from monitoring well IWMW-4 and analyzed for VOCs utilizing United States Environmental Protection Agency (USEPA) SW-846 Method 8260. The soil sample collected from monitoring well IWMW-4 did not exhibit VOC concentrations exceeding R2 XSPLs, CSPLs, or RSPLs.

As part of ISC activities, groundwater samples were obtained from the four monitoring wells on October 27, 2021, and analyzed for VOCs. All four monitoring wells exhibited dissolved VOC concentrations exceeding R2 GWPLs.

IWM Consulting concluded during ISC activities that the dissolved plume had not been completely delineated. There is likely a comingled plume originating from the site and the Phillip 66 facility (LUST Incident No. 201610502) located upgradient, on the adjacent property east of the site. IDEM requested that the two facilities coordinate a sampling event during the first quarter of 2022 in the *Request for Additional Sampling* letter dated November 29, 2021. However, IWM Consulting was unable to coordinate the sampling event until the 1st quarter of 2023.

The monitoring well networks for both facilities were gauged and sampled on May 15, 2024. Groundwater flow calculated on May 15, 2024, was to the northwest which is consistent with historical groundwater flow. Free product and several VOC concentrations were detected in onsite monitoring wells exceeding R2 GWPLs. Due to the groundwater analytical results and groundwater flow direction exhibited for the site and the Phillip 66 facility on May 15, 2024, the source of the dissolved petroleum plume appears to be a comingled plume between both facilities. IWM Consulting will coordinate the next quarterly groundwater sampling events with the Phillip 66 facility.

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 Superstation facility (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 39.46264º latitude and -87.39800º longitude.

Based upon the USGS topographic map, the site is located at an elevation of ~491 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 1257 Poplar Street in Terre Haute, Indiana, on the southwest corner of the intersection of Poplar Street and South 13th Street. Poplar Street borders the site to the north followed by a retail building. South 13th Street borders the site to the east followed by the Phillips 66 gasoline station (FID No. 15981) with a petroleum release (Incident No. 201610502). An unnamed alley borders the site to the south followed by a dental laboratory. A vacant lot used to park cars and trailers is located on the adjacent property west of the site followed by Pro-Trade Tool & Supply Co.

The site is occupied by an operating convenience store and gasoline station. The convenience store building is located on the southwest portion of the site. An underground storage tank (UST) cavity consisting of one 12,000-gallon gasoline UST and one 8,000-gallon gasoline UST is located on the southeast portion of the site. The two USTs are constructed of double-walled fiberglass and were installed in 1999. The canopy and fuel dispenser islands are located on the northern portion of the site. Four monitoring wells (IWMW-1 through IWMW-4) were installed as a part of the initial site characterization (ISC) activities. A map depicting the site features is included in **Figure 2**.

Please note that monitoring wells MW-1, MW-2, MW-3, and MW-4 have been identified as IWMW-1, IWMW-2, IWMW-3, and IWMW-4, respectively, as requested by IDEM during a meeting on February 8, 2024.

Site utilities consist of a buried natural gas line, buried water main, buried sanitary sewer, buried communications line, and overhead electric lines. Natural gas enters the building from the south side and runs along the unnamed alley south of the site. Overhead electrical lines border the site to the south and east and appear to enter the site from the south. The water line enters the site and building from the east off of South 13th Street. Storm sewer grates are present on the east side of the site and along Poplar Street. Surface water onsite appears to flow to the onsite storm sewer grates and north toward Poplar Street. The location of the onsite sanitary sewer has not been determined.

2.0 FREE PRODUCT RECOVERY

Free product was first observed onsite during monitoring well development activities on October 26, 2021. During development, free product was observed in monitoring well IWMW-1 with a thickness of 0.41 feet. Monitoring well IWMW-1 is located west (downgradient) of the UST cavity. The free product was bailed from the well during development and stored in a 55-gallon steel drum for disposal offsite.

During the most recent quarterly sampling event completed on June 17, 2024, free product was observed in monitoring well IWMW-2 (0.04 feet thick). The free product was bailed from the monitoring well and stored in a 55-gallon steel drum for offsite disposal. Subsequently, two oil absorbent socks were placed in monitoring well IWMW-2. Two oil absorbent socks were also placed in monitoring wells IWMW-1 and IWMW4 which have historically contained free product.

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

On May 15, 2024, IWM Consulting sampled the monitoring well network at the site. During the gauging event, free product was observed in monitoring well IWMW-2 (0.04 feet thick). Monitoring well IWMW-3 was dry and could not be sampled. Before sampling, the monitoring wells were opened, allowed to equilibrate, and then gauged with an electronic interface water level probe. The purge volume was calculated from the monitoring well gauging data, and IWM Consulting personnel purged three well volumes from each monitoring well utilizing a disposable polyethylene bailer before groundwater sample collection. The free product/groundwater was containerized in a 55-gallon steel drum and left onsite for proper disposal.

4.2 Groundwater Sample Collection

Following purging activities, the monitoring wells were sampled utilizing dedicated disposable polyethylene bailers. Groundwater samples were collected from three of the four monitoring wells and analyzed for volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) SW-846 Method 8260. Monitoring well IWMW-3 was not sampled due to an insufficient amount of water within the monitoring well. 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 Services, LLC (Pace) in Indianapolis, Indiana.

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

A field duplicate sample (Dup) was collected from monitoring well IWMW-1 during this quarterly sampling event 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 a contaminant of concern (COC) at the subject site; therefore, no filtered or unfiltered metal samples were collected this quarter.

4.5 Decontamination Procedures and Purge Water Management

The electronic water level 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. Monitoring wells IWMW-1, IWMW-2, and IWMW-4 were purged of free product utilizing a dedicated disposable polyethylene bailer; therefore, sampling equipment decontamination was not applicable. Decontamination water and purged groundwater were placed into properly

labeled 55-gallon drum 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

Groundwater flow calculated on May 15, 2024, using data from the site and Phillip 66 facility (FID No. 15981) was calculated to the northwest which is consistent with the historical flow direction. 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).

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
IWMW-1	100.00	25.47	74.53	--	74.53	27.60	17.60 – 27.60
IWMW-2	99.36	24.79	74.57	0.04	74.60	27.30	17.30 – 27.30
IWMW-3	99.70	25.21	74.49	--	74.49	25.40	15.40 – 25.40
IWMW-4	99.40	24.89	74.51	--	74.51	27.38	17.38 – 27.38

4.8 Field Data

Field notes are presented in **Appendix A**. 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

Three of the four monitoring wells in the monitoring well network were sampled on May 15, 2024. Monitoring well IWMW-3 did not contain enough groundwater to collect a sample. Monitoring well IWMW-2 contained free product; however, monitoring well IWMW-2 was sampled this quarter. Groundwater analytical results depicted VOC concentrations exceeding *Risk-based Closure Guide* (R2) Groundwater Published Levels (GWPLs) in the three sampled monitoring wells onsite.

This is the 10th quarterly groundwater sampling event requested by IDEM in an email dated June 9, 2022. IWM Consulting coordinated this sampling event with the Phillip 66 facility located at

1301 Poplar Street (Incident No. 201610502). Analytical results for the site and the Phillip 66 facility sampled on May 15, 2024, are summarized in **Figure 3.** The laboratory analytical report for the site is included in **Appendix C**.

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))

Well ID	Benzene	Toluene	Ethylbenzene	Total Xylenes	2-Methylnaphthalene	Naphthalene
R2 GWPLs	**5.0**	**1,000**	**700**	**10,000**	**40**	**1**
IWMW-1	**3.930**	**95,000**	**58,800**	**229,000**	**3,350**	**4,760**
IWMW-2	**6,920**	**454,000**	**139,000**	**818,000**	**14,300**	**81,400**
IWMW-3	NS	NS	NS	NS	NS	NS
IWMW-4	**2,500**	**4,430**	**7,270**	**36,800**	**1,490**	**1,380**

*Risk-based Closure Guide (R2) Groundwater Published Levels (GWPLs)
***Shaded concentrations exceed R2 GWPLs**

5.2 Miscellaneous Sampling Data and Results

No miscellaneous sampling was performed during this quarter.

Site Check activities were completed onsite on August 3, 2021, to measure for the presence of a release from fuel observed in the premium gasoline STP up to an unsealed penetration boot. On August 3, 2021, IWM Consulting oversaw the advancement of three soil borings (GP-1 through GP-3) onsite. The soil borings were advanced to depths ranging between 24 feet and 28 feet below ground surface (bgs). A saturated zone was encountered between 21 feet and 23 feet bgs during Site Check activities. Three soil samples and three groundwater samples were collected and analyzed for VOCs using USEPA SW-846 Method 8260 and total lead using USEPA SW-846 Method 6010. No adsorbed VOC concentrations were detected exceeding R2 Excavation Soil Published Levels (XSPLs), Commercial Soil Published Levels (CSPLs), or Residential Soil Published Levels (RSPLs). Several VOCs were detected in groundwater samples collected from all three soil borings exceeding R2 GWPLs. Due to the elevated VOC concentrations detected during Site Check activities, IWM Consulting confirmed the petroleum release.

On October 21 and 22, 2021, four monitoring wells (IWMW-1 through IWMW-4) were installed onsite as part of ISC activities. Monitoring wells IWMW-1, IWMW-2, and IWMW-3 were installed in the areas of Site Check soil borings GP-1, GP-2, and GP-3 and were blank drilled. One soil sample was collected from monitoring well IWMW-4 and analyzed for VOCs utilizing USEPA SW-846 Method 8260. The soil sample collected from monitoring well IWMW-4 from 22 to 24 feet bgs did not exhibit VOC concentrations exceeding R2 XSPLs, RSPLs, or CSPLs.

As part of ISC activities, groundwater samples were obtained from the four monitoring wells on October 27, 2021, for laboratory analysis of VOCs utilizing USEPA SW-846 Method 8260. All four monitoring wells exhibited VOC concentrations exceeding R2 GWPLs. Historical groundwater analytical results are included in **Appendix B**.

During ISC activities, IWM Consulting concluded that the dissolved plume had not been completely delineated. Monitoring wells associated with the Phillip 66 petroleum incident (LUST Incident No. 201610502) are present downgradient of the site and can be utilized in delineating the petroleum plume. ISC activities are further summarized in the *ISC Report* submitted to IDEM on November 15, 2021.

IDEM requested that the two facilities coordinate a groundwater sampling event during the first quarter of 2022 in the *Request for Additional Sampling* letter dated November 29, 2021. However, IWM Consulting was unable to coordinate a sampling event with the Phillip 66 facility until 2023.

6.0 CONCLUSIONS AND RECOMMENDATIONS

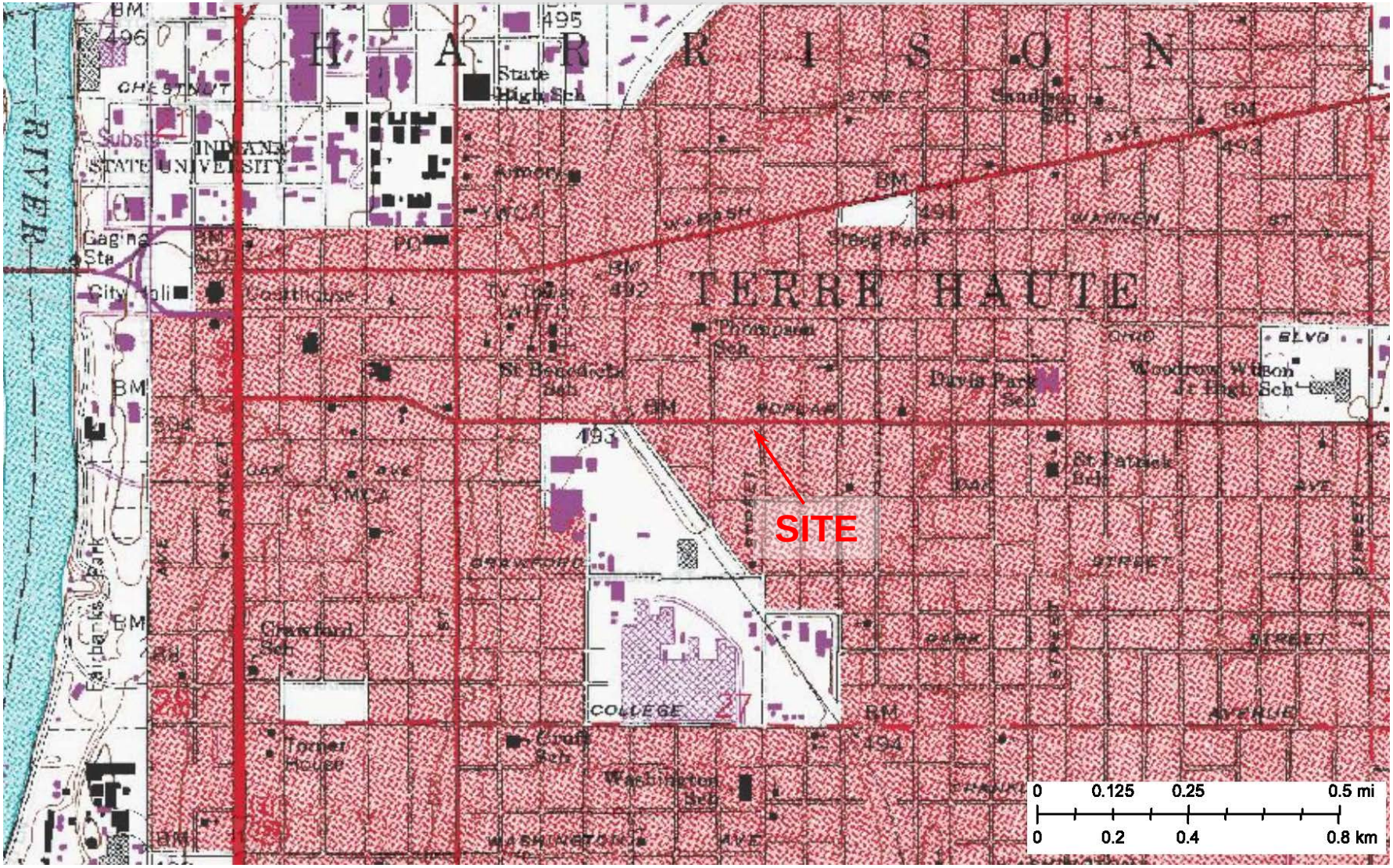
This *QMR* is being submitted to the IDEM on behalf of Akal Investments, Inc. for the Superstation facility located at 1257 Poplar Street, Terre Haute, Indiana to summarize the 2nd quarter groundwater sampling event of 2024. This sampling event is the 10th quarterly sampling event requested by IDEM and was coordinated with the groundwater sampling event for the Phillip 66 facility (FID No. 15981) located upgradient, east of the site.

The monitoring well networks for both facilities were gauged and sampled on May 15, 2024. Groundwater flow calculated on May 15, 2024, was to the northwest which is consistent with historical groundwater flow. Free product and several VOC concentrations were detected in onsite monitoring wells exceeding R2 GWPLs. Due to the groundwater analytical results and groundwater flow direction exhibited for the site and the Phillip 66 facility on May 15, 2024, the source of the dissolved petroleum plume appears to be a comingled plume between both facilities. IWM Consulting will coordinate the next quarterly groundwater sampling events with the Phillip 66 facility.

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

SOURCE: TERRE HAUTE, INDIANA, USGS TOPOGRAPHIC QUADRANGLE MAP, REVISED 1993



iWM CONSULTING GROUP
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Project	Task	Size	Date
IN21076	1	A	09/03/2021

TITLE **FIGURE 1 – Site Location Map**
Superstation
1257 Poplar Street
Terre Haute, Vigo County, Indiana

CLIENT **Akal Investments, Inc.**
Indianapolis, INDIANA

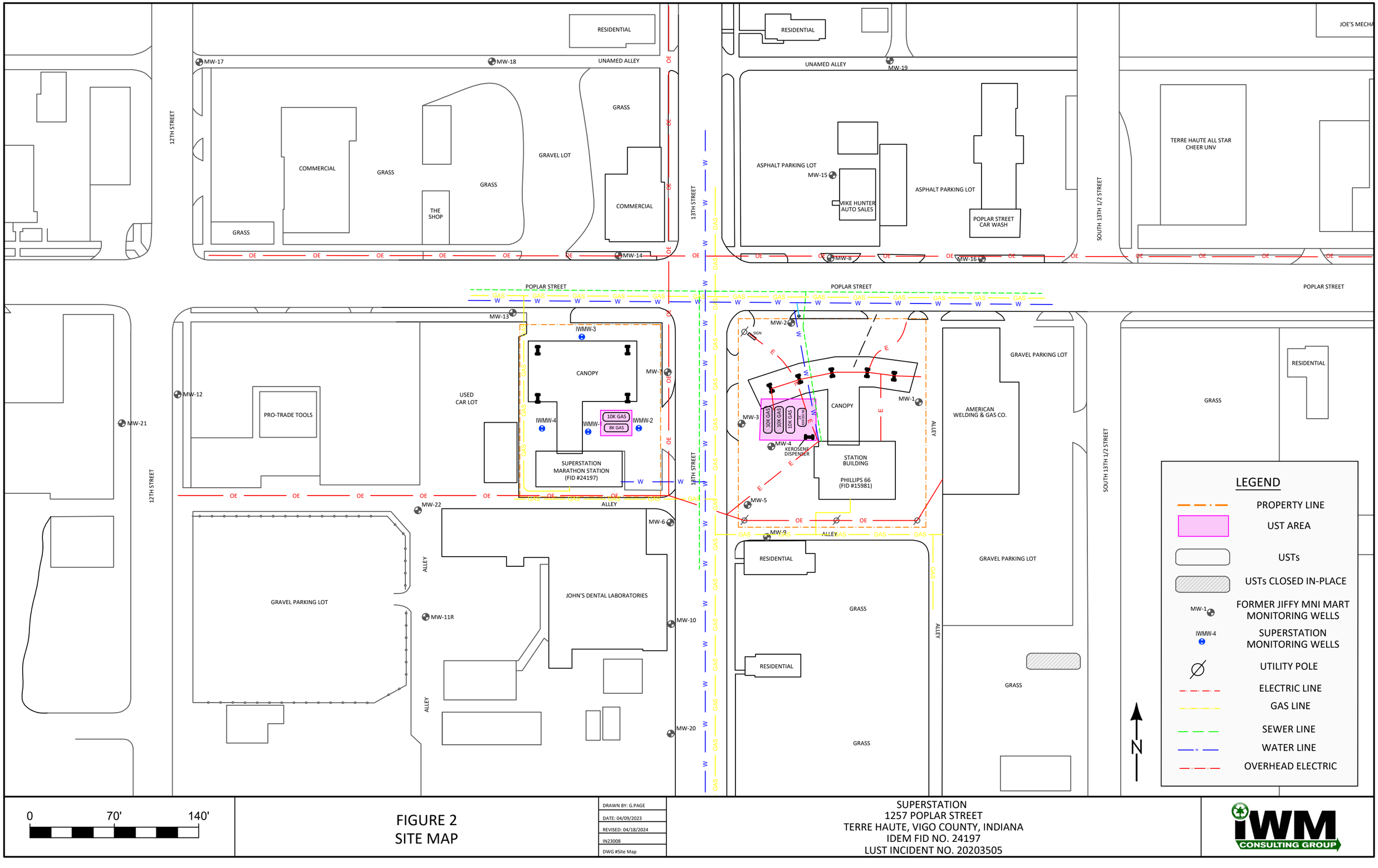
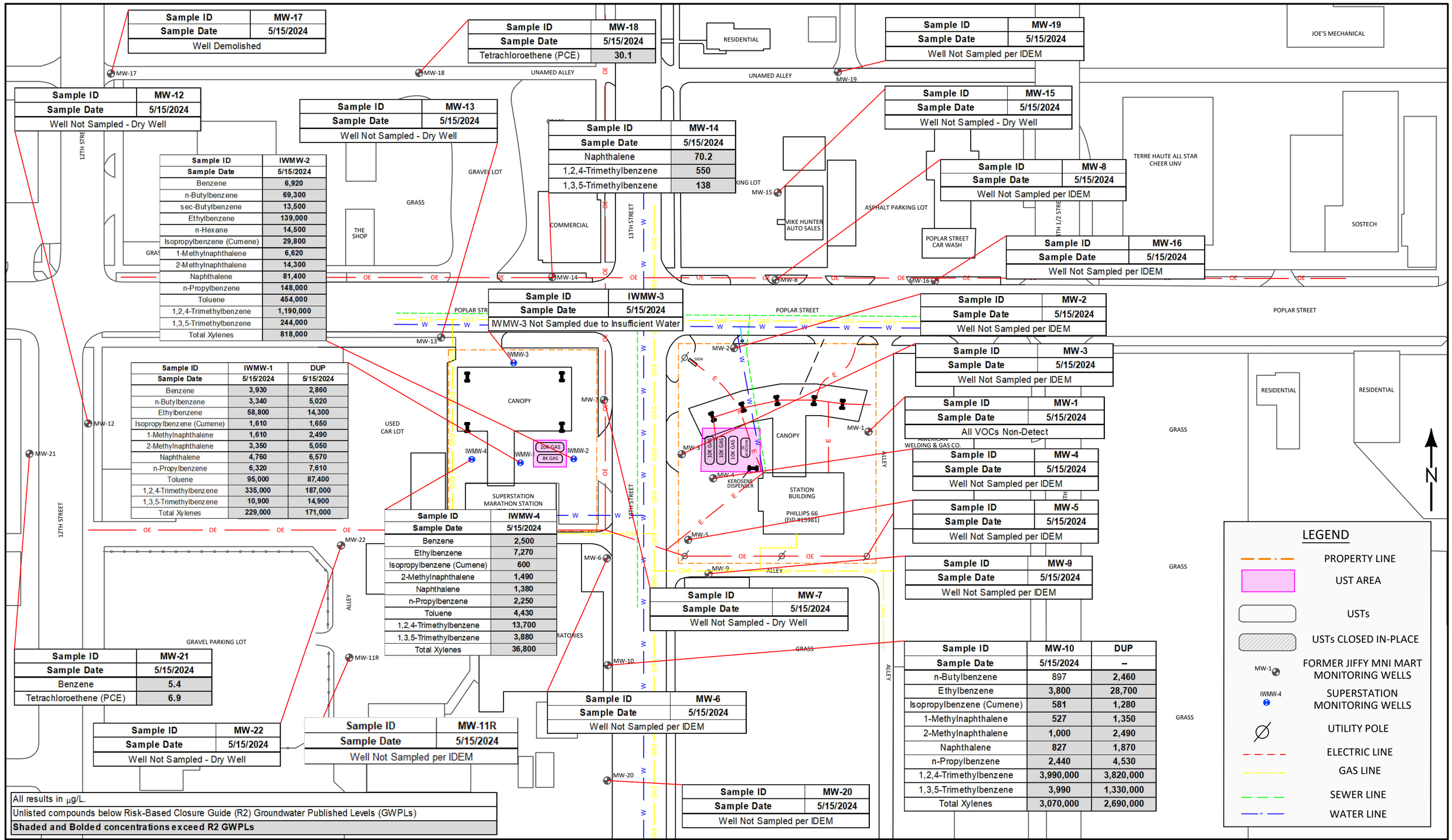


FIGURE 2
SITE MAP

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

SUPERSTATION
1257 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID NO. 24197
LUST INCIDENT NO. 20203505

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 | MW-1
Sample Date | 5/15/2024
All VOCs Non-Detect
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 | 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-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 | 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-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
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
All results in µg/L.
Unlisted compounds below Risk-Based Closure Guide (R2) Groundwater Published Levels (GWPLs)
Shaded and Bolded concentrations exceed R2 GWPLs
LEGEND
PROPERTY LINE
UST AREA
USTs
USTs CLOSED IN-PLACE
FORMER JIFFY MNI MART MONITORING WELLS
SUPERSTATION MONITORING WELLS
UTILITY POLE
ELECTRIC LINE
GAS LINE
SEWER LINE
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
SUPERSTATION
1257 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID NO. 24197
LUST INCIDENT NO. 20203505
iWM CONSULTING GROUP

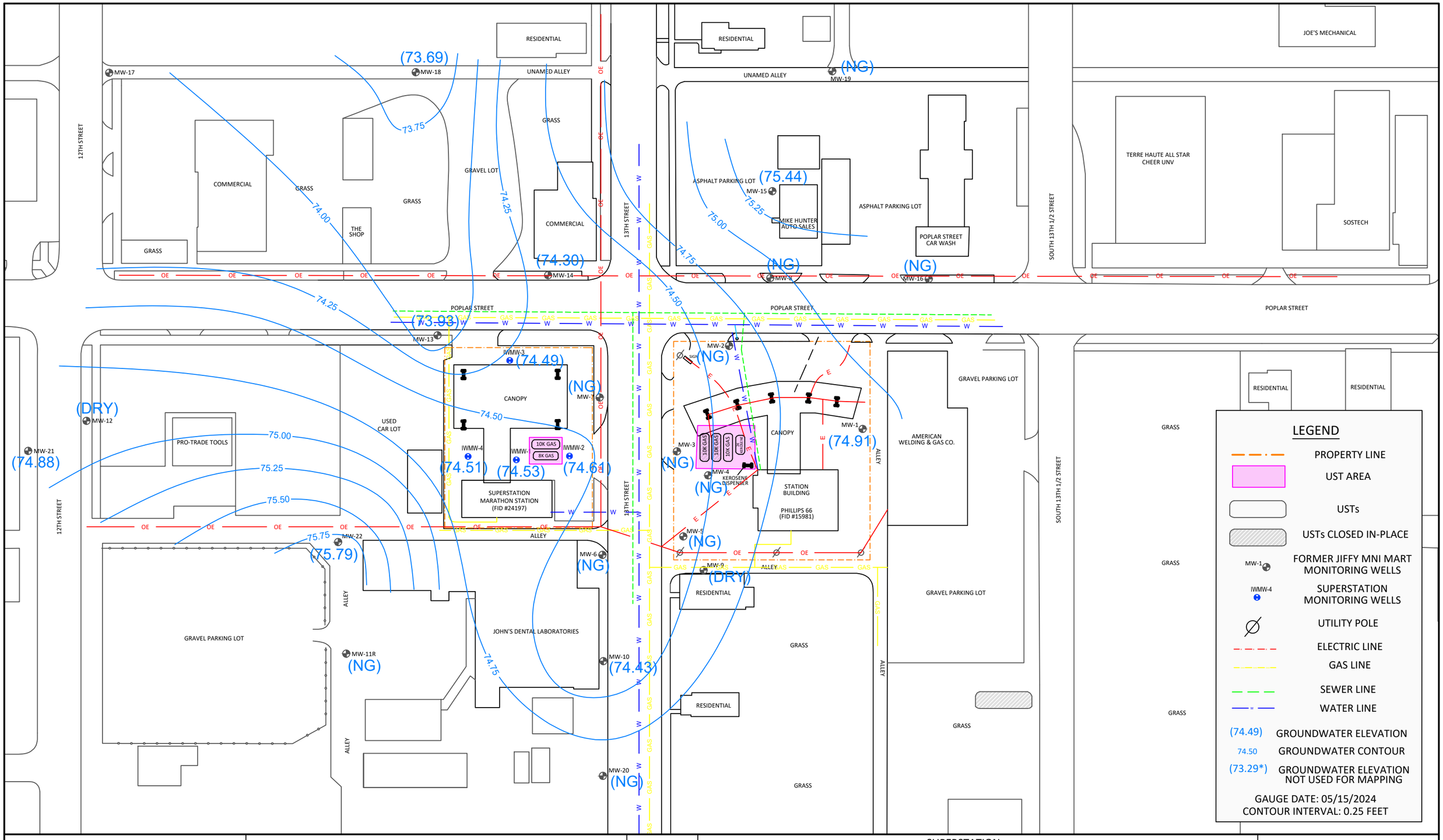
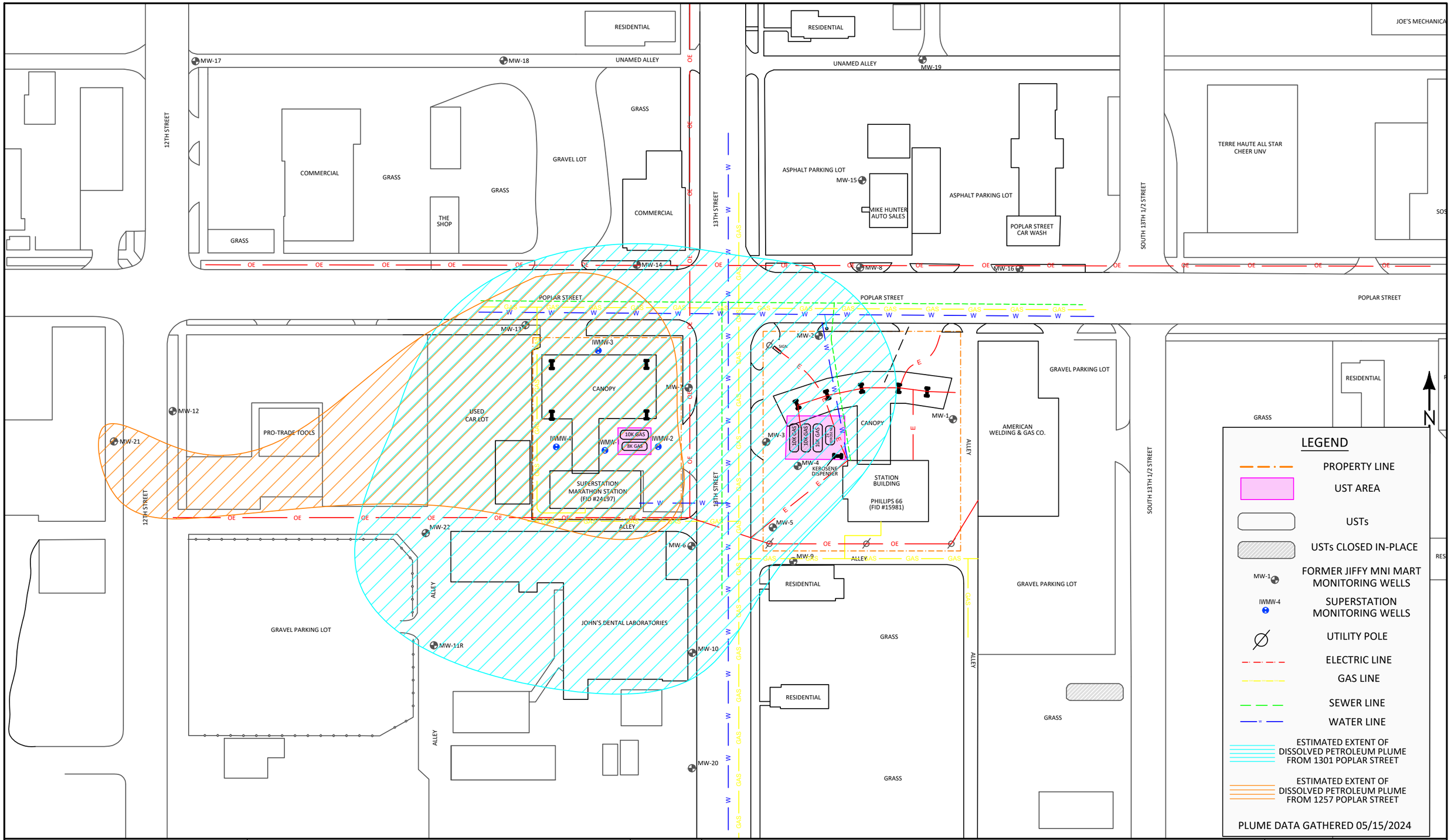


FIGURE 4
GROUNDWATER POTENTIOMETRIC MAP

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

SUPERSTATION
1257 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID NO. 24197
LUST INCIDENT NO. 20203505

IWM CONSULTING GROUP



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

SUPERSTATION
1257 POPLAR STREET
TERRE HAUTE, VIGO COUNTY, INDIANA
IDEM FID NO. 24197
LUST INCIDENT NO. 20203505

iWM CONSULTING GROUP

APPENDICES

APPENDIX A

Field Data

IWM Consulting Group, LLC

7428 Rockville Road

Indianapolis, Indiana 46214

Groundwater Monitoring Report

Facility: **Superstation (FID #24197)** Date: 5/15/2024

Address: **1257 Poplar Street** City: **Terre Haute** State: **Indiana**

Sampling Technician: Project Manager: Mandy Hall

Job Number: **IN21076** 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
IWMW-1	100.00	—	25.47	27.60	2'	.34	1.09	11:06
IWMW-2	99.36	24.75	24.79	27.30	2'	.45	1.37	10:45
IWMW-3	99.70	—	25.21	25.40	2'	—	—	—
IWMW-4	99.40		24.89	27.38	2'	.39	1.17	11:19

NOTE: ***IDEM has requested that wells with free product not be sampled. Just bail the product and place socks in those wells.**

***Also, please note that the well IDs have changed.**

APPENDIX B

Groundwater Gauging and Well Data Summary

Table 1
Groundwater Gauging and Well Data Summary
Superstation
1257 Poplar Street
Terre Haute, Vigo County, Indiana
FID No. 24197 / IDEM LUST No. 202103505

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)
IWMW-1	8/24/2022	100.00	22.78	77.22	--	77.22	27.60	17.6-27.6
	12/7/2022	100.00	25.46	74.54	*0.41	74.85	27.60	17.6-27.6
	2/17/2023	100.00	26.13	73.87	0.65	74.36	27.60	17.6-27.6
	5/23/2023	100.00	23.78	76.22	0.04	76.25	27.60	17.6-27.6
	7/24/2023	100.00	24.75	75.25	0.51	75.63	27.60	17.6-27.6
	10/25/2023	100.00	26.49	73.51	0.27	73.71	27.60	17.6-27.6
	1/29/2024	100.00	27.18	72.82	0.27	73.02	27.60	17.6-27.6
	5/15/2024	100.00	25.47	74.53	--	74.53	27.50	17.6-27.6
IWMW-2	8/24/2022	99.36	22.04	77.32	--	77.32	27.30	17.3-27.3
	12/7/2022	99.36	24.82	74.54	*0.83	75.16	27.30	17.3-27.3
	2/17/2023	99.36	25.52	73.84	0.81	74.46	27.30	17.3-27.3
	5/23/2023	99.36	23.09	76.27	0.08	76.33	27.30	17.3-27.3
	7/24/2023	99.36	24.01	75.35	0.03	75.37	27.30	17.3-27.3
	10/25/2023	99.36	26.30	73.06	0.94	73.77	27.30	17.3-27.3
	1/29/2024	99.36	26.67	72.69	0.42	73.01	27.30	17.3-27.3
	5/15/2024	99.36	24.79	74.57	0.04	74.60	27.30	17.3-27.3
IWMW-3	8/24/2022	99.70	21.48	78.22	--	78.22	25.40	15.4-25.4
	12/7/2022	99.70	24.57	75.13	--	75.13	25.40	15.4-25.4
	2/17/2023	99.70	DRY	--	--	--	25.40	15.4-25.4
	5/23/2023	99.70	23.47	76.23	--	76.23	25.40	15.4-25.4
	7/24/2023	99.70	24.48	75.22	--	75.22	25.40	15.4-25.4
	10/25/2023	99.70	25.18	74.52	--	74.52	25.40	15.4-25.5
	1/29/2024	99.70	DRY	--	--	--	25.40	15.4-25.5
	5/15/2024	99.70	25.21	74.49	--	74.49	25.35	15.4-25.5
IWMW-4	8/24/2022	99.40	22.25	77.15	--	77.15	27.38	17.4-27.4
	12/7/2022	99.40	25.04	74.36	*0.17	74.49	27.38	17.4-27.4
	2/17/2023	99.40	25.89	73.51	1.03	74.29	27.38	17.4-27.4
	5/23/2023	99.40	23.24	76.16	0.03	76.18	27.38	17.4-27.4
	7/24/2023	99.40	24.22	75.18	--	75.18	27.38	17.4-27.4
	10/25/2023	99.40	26.20	73.20	0.62	73.67	27.38	17.4-27.4
	1/29/2024	99.40	26.73	72.67	0.10	72.75	27.38	17.4-27.4
	5/15/2024	99.40	24.89	74.51	--	74.51	27.32	17.4-27.4

NOTE: The Free Product Thickness measurement on December 7, 2022 is an estimate.

IWM CONSULTING GROUP

Table 2

Groundwater Analytical Results

Superstation

1257 Poplar Street

Terre Haute, Vigo County, Indiana

IDEM FID No. 24197

LUST Incident No. 202103505

Sample ID	Sample Date	Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	n-Hexane	Isopropylbenzene (Cumene)	p-Isopropyltoluene	*Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes
R2 Groundwater Published Levels (GWPL)		**5**	**1,000**	**2,000**	**700**	**2,000**	**500**	**NE**	**5**	**10**	**40**	**1**	**700**	**1,000**	**60**	**60**	**10,000**
MW-1	8/24/2022	**3,760**	<500	<500	**4,650**	<500	<500	<500	<500	<1,000	<1000	**698**	<500	**53,900**	**3,130**	**785**	**25,900**
	12/7/2022	**MW-1 was not sampled due to ~0.41 feet of free product thickness**															
	2/17/2023	**MW-1 was not sampled due to 0.65 feet of free product thickness**															
	5/23/2023	**2,660**	**28,600**	**7,270**	**2,280,000**	**10,100**	**15,000**	3,910	<500	**18,500**	**228,000**	**176,000**	**199,000**	**73,900**	**5,270,000**	**1,980,000**	**10,900,000**
	7/24/2023	<2,500	**24,100**	**5,890**	**85,400**	<2,500	**12,200**	3,260	<2,500	**8,960**	**15,700**	**18,500**	**50,700**	**35,400**	**1,350,000**	**81,100**	**2,220,000**
	10/25/2023	**3,120**	**14,000**	**3,350**	**33,200**	<2,500	**6,000**	<2,500	<2,500	**6,800**	**14,800**	**11,600**	**25,100**	**37,100**	**127,000**	**41,200**	**155,000**
	1/29/2024	**MW-1 was not sampled due to 0.27 feet of free product thickness**															
	5/15/2024	**3,930**	**3,340**	698	**58,800**	1,730	**1,610**	392	<250	**1,610**	**3,350**	**4,760**	**6,320**	**95,000**	**335,000**	**10,900**	**229,000**
DUP	5/15/2024	**2,860**	**5,020**	1,050	**14,300**	<500	**1,650**	602	<500	**2,490**	**5,050**	**6,570**	**7,610**	**87,400**	**187,000**	**14,900**	**171,000**
MW-2	8/24/2022	**3,270**	<100	<100	**2,850**	<100	137	<100	<100	<200	<200	**390**	382	**141,000**	**2,700**	**676**	**124,000**
	12/7/2022	**MW-2 was not sampled due to ~0.83 feet of free product thickness**															
	2/17/2023	**MW-2 was not sampled due to 0.81 feet of free product thickness**															
	5/23/2023	**2,650**	<1,000	<1,000	**9,320**	<1,000	<1,000	<1,000	<1,000	<2,000	**3,190**	**3,340**	**2,620**	**41,500**	**17,200**	**5,000**	**52,200**
DUP	5/23/2023	**2,870**	<500	<500	**6,430**	<500	<500	<500	<500	**1,270**	**2,400**	**1,730**	**1,190**	**106,000**	**8,810**	**2,440**	**34,500**
	7/24/2023	**1,520**	<1,000	<1,000	**4,220**	<1,000	<1,000	<1,000	<1,000	<2,000	<2,000	**872**	<1,000	**18,900**	**4,430**	**1,200**	**24,300**
DUP	7/24/2023	<2,500	**7,350**	<2,500	**13,400**	<2,500	<2,500	<2,500	<2,500	<5,000	**9,290**	**11,700**	**7,210**	**35,600**	**56,100**	**15,000**	**77,900**
	10/25/2023	**4,060**	<500	<500	**6,180**	<500	<500	<500	<500	<1,000	<1,000	**632**	**616**	**65,800**	**4,010**	**1,030**	**31,600**
DUP	10/25/2023	**4,180**	<500	<500	**6,470**	<500	<500	<500	<500	<1,000	<1,000	**579**	**651**	**59,200**	**4,080**	**1,080**	**33,300**
	1/29/2024	**3,390**	<500	<500	**5,940**	<500	<500	<500	<500	<1,000	<1,000	**435**	**600**	**84,200**	**3,730**	**983**	**30,000**
	5/15/2024	**6,920**	**69,300**	**13,500**	**139,000**	**14,500**	**29,800**	7,870	<500	**6,620**	**14,300**	**81,400**	**148,000**	**454,000**	**1,190,000**	**244,000**	**818,000**
MW-3	8/24/2022	**2,490**	<500	<500	**3,770**	<500	<500	<500	<500	<1,000	<1,000	**405**	<500	**12,700**	**2,470**	**586**	**21,500**
	12/7/2022	**2,500**	<5.0	15.2	**5,100**	115	134	9.2	<5.0	**45.8**	**77.4**	**418**	478	**12,300**	**3,360**	**836**	**27,700**
	2/17/2023	**MW-3 was not sampled due to a dry well**															
	5/23/2023	**1,770**	<50	<50	**4,610**	137	173	<50	<50	<100	**116**	**521**	482	**9,800**	**3,230**	**819**	**25,100**
	7/24/2023	**1,210**	<50	<50	**2,610**	61.4	77.2	<50	<50	<100	<100	**188**	242	**2,440**	**1,480**	**384**	**20,200**
	10/25/2023	**MW-3 was not sampled due to an insufficient amount of water**															
	1/29/2024	**MW-3 was not sampled due to an insufficient amount of water**															
	5/15/2024	**MW-3 was not sampled due to an insufficient amount of water**															

Table 2

Groundwater Analytical Results

Superstation

1257 Poplar Street

Terre Haute, Vigo County, Indiana

IDEM FID No. 24197

LUST Incident No. 202103505

Sample ID	Sample Date	Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	n-Hexane	Isopropylbenzene (Cumene)	p-Isopropyltoluene	*Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes
R2 Groundwater Published Levels (GWPL)		**5**	**1,000**	**2,000**	**700**	**2,000**	**500**	**NE**	**5**	**10**	**40**	**1**	**700**	**1,000**	**60**	**60**	**10,000**
MW-4	8/24/2022	<1,000	<1,000	<1,000	**1,090**	<1,000	<1,000	<1,000	<1,000	<2,000	<2,000	**246**	<1,000	**9,070**	**1,120**	<1,000	6,900
DUP	8/24/2022	**2,730**	<1,000	<1,000	**3,380**	<1,000	<1,000	<1,000	<1,000	<2,000	<2,000	**328**	<1,000	**29,800**	**2,580**	<1,000	**19,400**
	12/7/2022	**MW-4 was not sampled due to ~0.17 feet of free product thickness**															
	2/17/2023	**MW-4 was not sampled due to 1.03 feet of free product thickness**															
	5/23/2023	**2,500**	**147,000**	**2,650**	**1,120,000**	**103,000**	**5,870**	1,600	<100	**5,960**	**153,000**	**110,000**	**285,000**	**477,000**	**3,050,000**	**1,070,000**	**6,300,000**
	7/24/2023	<25,000	<25,000	<25,000	**37,800**	<25,000	<25,000	<25,000	<25,000	<50,000	**56,800**	**39,800**	**44,500**	**26,500**	**306,000**	**89,200**	**269,000**
	10/25/2023	<5,000	**52,700**	**13,500**	**211,000**	**5,450**	**27,600**	7,680	<5,000	**26,000**	**56,400**	**44,500**	**112,000**	**69,300**	**15,200 J**	**169,000**	**309,000**
	1/29/2024	**1,730J**	<5,000	<5,000	**6,780**	<5,000	<5,000	<5,000	<5,000	<10,000	<10,000	<1,200	<5,000	**7,390**	**11,800**	<5,000	**40,400**
DUP	1/29/2024	**2,090J**	<5,000	<5,000	**5,830**	<5,000	<5,000	<5,000	<5,000	<10,000	<10,000	<1,200	<5,000	**5,220**	**8,570**	<5,000	**32,200**
	5/15/2024	**2,500**	930	<500	**7,270**	<500	**600**	<500	<500	<1,000	**1,490**	**1,380**	**2,250**	**4,430**	**13,700**	**3,880**	**36,800**

Notes:

All samples collected by IWM Consulting personnel and analyzed at Pace Analytical Services, LLC located in Indianapolis, Indiana.

All results in µg/L.

*Methylene Chloride is noted as a Common Laboratory Contaminant in the Laboratory Report and is not a contaminant of concern for the site.

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

VOCs analyzed using USEPA SW846 Method 8260.

Unlisted compounds below laboratory detection limits for all samples or not a contaminant of concern for the site.

Shaded concentrations exceed Risk-based Closure Guide (R2) Groundwater Published Levels (GWPLs).

APPENDIX C

Groundwater Analytical Report

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

May 21, 2024

Mandy Hall
IWM Consulting
7428 Rockville Road
Indianapolis, IN 46214

RE: Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

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: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

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: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50373280001	**MW-1**	Water	05/15/24 11:06	05/15/24 13:35
50373280002	**MW-2**	Water	05/15/24 10:45	05/15/24 13:35
50373280003	**MW-4**	Water	05/15/24 11:19	05/15/24 13:35
50373280004	**DUP**	Water	05/15/24 08:00	05/15/24 13:35
50373280005	**TRIP BLANK**	Water	05/15/24 10:35	05/15/24 13:35

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

SAMPLE ANALYTE COUNT

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50373280001	**MW-1**	EPA 5030/8260	BES	75	PASI-I
50373280002	**MW-2**	EPA 5030/8260	BES	75	PASI-I
50373280003	**MW-4**	EPA 5030/8260	BES	75	PASI-I
50373280004	**DUP**	EPA 5030/8260	BES	75	PASI-I
50373280005	**TRIP BLANK**	EPA 5030/8260	BES	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: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50373280001	**MW-1**					
EPA 5030/8260	Benzene	3930	ug/L	250	05/17/24 15:32	
EPA 5030/8260	n-Butylbenzene	3340	ug/L	250	05/17/24 15:32	
EPA 5030/8260	sec-Butylbenzene	698	ug/L	250	05/17/24 15:32	
EPA 5030/8260	Ethylbenzene	58800	ug/L	2500	05/17/24 15:55	
EPA 5030/8260	n-Hexane	1730	ug/L	250	05/17/24 15:32	
EPA 5030/8260	Isopropylbenzene (Cumene)	1610	ug/L	250	05/17/24 15:32	
EPA 5030/8260	p-Isopropyltoluene	392	ug/L	250	05/17/24 15:32	
EPA 5030/8260	1-Methylnaphthalene	1610	ug/L	500	05/17/24 15:32	
EPA 5030/8260	2-Methylnaphthalene	3350	ug/L	500	05/17/24 15:32	
EPA 5030/8260	Naphthalene	4760	ug/L	60.0	05/17/24 15:32	
EPA 5030/8260	n-Propylbenzene	6320	ug/L	250	05/17/24 15:32	
EPA 5030/8260	Toluene	95000	ug/L	2500	05/17/24 15:55	
EPA 5030/8260	1,2,4-Trimethylbenzene	335000	ug/L	10000	05/20/24 10:24	
EPA 5030/8260	1,3,5-Trimethylbenzene	10900	ug/L	250	05/17/24 15:32	
EPA 5030/8260	Xylene (Total)	229000	ug/L	20000	05/20/24 10:24	
50373280002	**MW-2**					
EPA 5030/8260	Benzene	6920	ug/L	500	05/17/24 16:19	
EPA 5030/8260	n-Butylbenzene	69300	ug/L	5000	05/17/24 16:42	
EPA 5030/8260	sec-Butylbenzene	13500	ug/L	500	05/17/24 16:19	
EPA 5030/8260	Ethylbenzene	139000	ug/L	25000	05/20/24 10:47	
EPA 5030/8260	n-Hexane	14500	ug/L	500	05/17/24 16:19	
EPA 5030/8260	Isopropylbenzene (Cumene)	29800	ug/L	500	05/17/24 16:19	
EPA 5030/8260	p-Isopropyltoluene	7870	ug/L	500	05/17/24 16:19	
EPA 5030/8260	1-Methylnaphthalene	6620	ug/L	1000	05/17/24 16:19	
EPA 5030/8260	2-Methylnaphthalene	14300	ug/L	1000	05/17/24 16:19	
EPA 5030/8260	Naphthalene	81400	ug/L	1200	05/17/24 16:42	
EPA 5030/8260	n-Propylbenzene	148000	ug/L	5000	05/17/24 16:42	
EPA 5030/8260	Toluene	454000	ug/L	25000	05/20/24 10:47	
EPA 5030/8260	1,2,4-Trimethylbenzene	1190000	ug/L	25000	05/20/24 10:47	
EPA 5030/8260	1,3,5-Trimethylbenzene	244000	ug/L	5000	05/17/24 16:42	
EPA 5030/8260	Xylene (Total)	818000	ug/L	50000	05/20/24 10:47	
50373280003	**MW-4**					
EPA 5030/8260	Benzene	2500	ug/L	500	05/17/24 17:05	
EPA 5030/8260	n-Butylbenzene	930	ug/L	500	05/17/24 17:05	
EPA 5030/8260	Ethylbenzene	7270	ug/L	500	05/17/24 17:05	
EPA 5030/8260	Isopropylbenzene (Cumene)	600	ug/L	500	05/17/24 17:05	
EPA 5030/8260	2-Methylnaphthalene	1490	ug/L	1000	05/17/24 17:05	
EPA 5030/8260	Naphthalene	1380	ug/L	120	05/17/24 17:05	
EPA 5030/8260	n-Propylbenzene	2250	ug/L	500	05/17/24 17:05	
EPA 5030/8260	Toluene	4430	ug/L	500	05/17/24 17:05	
EPA 5030/8260	1,2,4-Trimethylbenzene	13700	ug/L	500	05/17/24 17:05	
EPA 5030/8260	1,3,5-Trimethylbenzene	3880	ug/L	500	05/17/24 17:05	
EPA 5030/8260	Xylene (Total)	36800	ug/L	1000	05/17/24 17:05	
50373280004	**DUP**					
EPA 5030/8260	Benzene	2860	ug/L	500	05/17/24 17:52	
EPA 5030/8260	n-Butylbenzene	5020	ug/L	500	05/17/24 17:52	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50373280004	**DUP**					
EPA 5030/8260	sec-Butylbenzene	1050	ug/L	500	05/17/24 17:52	
EPA 5030/8260	Ethylbenzene	14300	ug/L	500	05/17/24 17:52	
EPA 5030/8260	Isopropylbenzene (Cumene)	1650	ug/L	500	05/17/24 17:52	
EPA 5030/8260	p-Isopropyltoluene	602	ug/L	500	05/17/24 17:52	
EPA 5030/8260	1-Methylnaphthalene	2490	ug/L	1000	05/17/24 17:52	
EPA 5030/8260	2-Methylnaphthalene	5050	ug/L	1000	05/17/24 17:52	
EPA 5030/8260	Naphthalene	6570	ug/L	120	05/17/24 17:52	
EPA 5030/8260	n-Propylbenzene	7610	ug/L	500	05/17/24 17:52	
EPA 5030/8260	Toluene	87400	ug/L	5000	05/17/24 18:15	
EPA 5030/8260	1,2,4-Trimethylbenzene	187000	ug/L	5000	05/17/24 18:15	
EPA 5030/8260	1,3,5-Trimethylbenzene	14900	ug/L	500	05/17/24 17:52	
EPA 5030/8260	Xylene (Total)	171000	ug/L	10000	05/17/24 18:15	

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: MW-1 **Lab ID: 50373280001** Collected: 05/15/24 11:06 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	5000	50		05/17/24 15:32	67-64-1	
Acrolein	ND	ug/L	2500	50		05/17/24 15:32	107-02-8	
Acrylonitrile	ND	ug/L	5000	50		05/17/24 15:32	107-13-1	
Benzene	**3930**	ug/L	250	50		05/17/24 15:32	71-43-2	
Bromobenzene	ND	ug/L	250	50		05/17/24 15:32	108-86-1	
Bromochloromethane	ND	ug/L	250	50		05/17/24 15:32	74-97-5	
Bromodichloromethane	ND	ug/L	250	50		05/17/24 15:32	75-27-4	
Bromoform	ND	ug/L	250	50		05/17/24 15:32	75-25-2	
Bromomethane	ND	ug/L	250	50		05/17/24 15:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	1250	50		05/17/24 15:32	78-93-3	
n-Butylbenzene	**3340**	ug/L	250	50		05/17/24 15:32	104-51-8	
sec-Butylbenzene	**698**	ug/L	250	50		05/17/24 15:32	135-98-8	
tert-Butylbenzene	ND	ug/L	250	50		05/17/24 15:32	98-06-6	
Carbon disulfide	ND	ug/L	500	50		05/17/24 15:32	75-15-0	
Carbon tetrachloride	ND	ug/L	250	50		05/17/24 15:32	56-23-5	
Chlorobenzene	ND	ug/L	250	50		05/17/24 15:32	108-90-7	
Chloroethane	ND	ug/L	250	50		05/17/24 15:32	75-00-3	
Chloroform	ND	ug/L	250	50		05/17/24 15:32	67-66-3	
Chloromethane	ND	ug/L	250	50		05/17/24 15:32	74-87-3	
2-Chlorotoluene	ND	ug/L	250	50		05/17/24 15:32	95-49-8	
4-Chlorotoluene	ND	ug/L	250	50		05/17/24 15:32	106-43-4	
Dibromochloromethane	ND	ug/L	250	50		05/17/24 15:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	250	50		05/17/24 15:32	106-93-4	
Dibromomethane	ND	ug/L	250	50		05/17/24 15:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	250	50		05/17/24 15:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	250	50		05/17/24 15:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	250	50		05/17/24 15:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	5000	50		05/17/24 15:32	110-57-6	
Dichlorodifluoromethane	ND	ug/L	250	50		05/17/24 15:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	250	50		05/17/24 15:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	250	50		05/17/24 15:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	250	50		05/17/24 15:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	250	50		05/17/24 15:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	250	50		05/17/24 15:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	250	50		05/17/24 15:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	250	50		05/17/24 15:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	250	50		05/17/24 15:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	250	50		05/17/24 15:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	250	50		05/17/24 15:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	250	50		05/17/24 15:32	10061-02-6	
Ethylbenzene	**58800**	ug/L	2500	500		05/17/24 15:55	100-41-4	
Ethyl methacrylate	ND	ug/L	5000	50		05/17/24 15:32	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	250	50		05/17/24 15:32	87-68-3	
n-Hexane	**1730**	ug/L	250	50		05/17/24 15:32	110-54-3	
2-Hexanone	ND	ug/L	1250	50		05/17/24 15:32	591-78-6	
Iodomethane	ND	ug/L	500	50		05/17/24 15:32	74-88-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: MW-1 **Lab ID: 50373280001** Collected: 05/15/24 11:06 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)	**1610**	ug/L	250	50		05/17/24 15:32	98-82-8	
p-Isopropyltoluene	**392**	ug/L	250	50		05/17/24 15:32	99-87-6	
Methylene Chloride	ND	ug/L	250	50		05/17/24 15:32	75-09-2	
1-Methylnaphthalene	**1610**	ug/L	500	50		05/17/24 15:32	90-12-0	
2-Methylnaphthalene	**3350**	ug/L	500	50		05/17/24 15:32	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1250	50		05/17/24 15:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	200	50		05/17/24 15:32	1634-04-4	
Naphthalene	**4760**	ug/L	60.0	50		05/17/24 15:32	91-20-3	
n-Propylbenzene	**6320**	ug/L	250	50		05/17/24 15:32	103-65-1	
Styrene	ND	ug/L	250	50		05/17/24 15:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	250	50		05/17/24 15:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	250	50		05/17/24 15:32	79-34-5	
Tetrachloroethene	ND	ug/L	250	50		05/17/24 15:32	127-18-4	
Toluene	**95000**	ug/L	2500	500		05/17/24 15:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	250	50		05/17/24 15:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	250	50		05/17/24 15:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	250	50		05/17/24 15:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	250	50		05/17/24 15:32	79-00-5	
Trichloroethene	ND	ug/L	250	50		05/17/24 15:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	250	50		05/17/24 15:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	250	50		05/17/24 15:32	96-18-4	
1,2,4-Trimethylbenzene	**335000**	ug/L	10000	2000		05/20/24 10:24	95-63-6	
1,3,5-Trimethylbenzene	**10900**	ug/L	250	50		05/17/24 15:32	108-67-8	
Vinyl acetate	ND	ug/L	2500	50		05/17/24 15:32	108-05-4	
Vinyl chloride	ND	ug/L	100	50		05/17/24 15:32	75-01-4	
Xylene (Total)	**229000**	ug/L	20000	2000		05/20/24 10:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	82-128	50		05/17/24 15:32	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	79-124	50		05/17/24 15:32	460-00-4	
Toluene-d8 (S)	100	%.	73-122	50		05/17/24 15:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: MW-2 **Lab ID: 50373280002** Collected: 05/15/24 10:45 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	10000	100		05/17/24 16:19	67-64-1	
Acrolein	ND	ug/L	5000	100		05/17/24 16:19	107-02-8	
Acrylonitrile	ND	ug/L	10000	100		05/17/24 16:19	107-13-1	
Benzene	**6920**	ug/L	500	100		05/17/24 16:19	71-43-2	
Bromobenzene	ND	ug/L	500	100		05/17/24 16:19	108-86-1	
Bromochloromethane	ND	ug/L	500	100		05/17/24 16:19	74-97-5	
Bromodichloromethane	ND	ug/L	500	100		05/17/24 16:19	75-27-4	
Bromoform	ND	ug/L	500	100		05/17/24 16:19	75-25-2	
Bromomethane	ND	ug/L	500	100		05/17/24 16:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	2500	100		05/17/24 16:19	78-93-3	
n-Butylbenzene	**69300**	ug/L	5000	1000		05/17/24 16:42	104-51-8	
sec-Butylbenzene	**13500**	ug/L	500	100		05/17/24 16:19	135-98-8	
tert-Butylbenzene	ND	ug/L	500	100		05/17/24 16:19	98-06-6	
Carbon disulfide	ND	ug/L	1000	100		05/17/24 16:19	75-15-0	
Carbon tetrachloride	ND	ug/L	500	100		05/17/24 16:19	56-23-5	
Chlorobenzene	ND	ug/L	500	100		05/17/24 16:19	108-90-7	
Chloroethane	ND	ug/L	500	100		05/17/24 16:19	75-00-3	
Chloroform	ND	ug/L	500	100		05/17/24 16:19	67-66-3	
Chloromethane	ND	ug/L	500	100		05/17/24 16:19	74-87-3	
2-Chlorotoluene	ND	ug/L	500	100		05/17/24 16:19	95-49-8	
4-Chlorotoluene	ND	ug/L	500	100		05/17/24 16:19	106-43-4	
Dibromochloromethane	ND	ug/L	500	100		05/17/24 16:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	500	100		05/17/24 16:19	106-93-4	
Dibromomethane	ND	ug/L	500	100		05/17/24 16:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	500	100		05/17/24 16:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	500	100		05/17/24 16:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	500	100		05/17/24 16:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	10000	100		05/17/24 16:19	110-57-6	
Dichlorodifluoromethane	ND	ug/L	500	100		05/17/24 16:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	500	100		05/17/24 16:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	500	100		05/17/24 16:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	500	100		05/17/24 16:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	500	100		05/17/24 16:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	500	100		05/17/24 16:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	500	100		05/17/24 16:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	500	100		05/17/24 16:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	500	100		05/17/24 16:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	500	100		05/17/24 16:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	500	100		05/17/24 16:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	500	100		05/17/24 16:19	10061-02-6	
Ethylbenzene	**139000**	ug/L	25000	5000		05/20/24 10:47	100-41-4	
Ethyl methacrylate	ND	ug/L	10000	100		05/17/24 16:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	500	100		05/17/24 16:19	87-68-3	
n-Hexane	**14500**	ug/L	500	100		05/17/24 16:19	110-54-3	
2-Hexanone	ND	ug/L	2500	100		05/17/24 16:19	591-78-6	
Iodomethane	ND	ug/L	1000	100		05/17/24 16:19	74-88-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: MW-2 **Lab ID: 50373280002** Collected: 05/15/24 10:45 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)	**29800**	ug/L	500	100		05/17/24 16:19	98-82-8	
p-Isopropyltoluene	**7870**	ug/L	500	100		05/17/24 16:19	99-87-6	
Methylene Chloride	ND	ug/L	500	100		05/17/24 16:19	75-09-2	
1-Methylnaphthalene	**6620**	ug/L	1000	100		05/17/24 16:19	90-12-0	
2-Methylnaphthalene	**14300**	ug/L	1000	100		05/17/24 16:19	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	2500	100		05/17/24 16:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	400	100		05/17/24 16:19	1634-04-4	
Naphthalene	**81400**	ug/L	1200	1000		05/17/24 16:42	91-20-3	
n-Propylbenzene	**148000**	ug/L	5000	1000		05/17/24 16:42	103-65-1	
Styrene	ND	ug/L	500	100		05/17/24 16:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	500	100		05/17/24 16:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	100		05/17/24 16:19	79-34-5	
Tetrachloroethene	ND	ug/L	500	100		05/17/24 16:19	127-18-4	
Toluene	**454000**	ug/L	25000	5000		05/20/24 10:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	500	100		05/17/24 16:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	500	100		05/17/24 16:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	500	100		05/17/24 16:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	500	100		05/17/24 16:19	79-00-5	
Trichloroethene	ND	ug/L	500	100		05/17/24 16:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	500	100		05/17/24 16:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	500	100		05/17/24 16:19	96-18-4	
1,2,4-Trimethylbenzene	**1190000**	ug/L	25000	5000		05/20/24 10:47	95-63-6	
1,3,5-Trimethylbenzene	**244000**	ug/L	5000	1000		05/17/24 16:42	108-67-8	
Vinyl acetate	ND	ug/L	5000	100		05/17/24 16:19	108-05-4	
Vinyl chloride	ND	ug/L	200	100		05/17/24 16:19	75-01-4	
Xylene (Total)	**818000**	ug/L	50000	5000		05/20/24 10:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	82-128	100		05/17/24 16:19	1868-53-7	
4-Bromofluorobenzene (S)	106	%.	79-124	100		05/17/24 16:19	460-00-4	
Toluene-d8 (S)	114	%.	73-122	100		05/17/24 16:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: MW-4 **Lab ID: 50373280003** Collected: 05/15/24 11:19 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	10000	100		05/17/24 17:05	67-64-1	
Acrolein	ND	ug/L	5000	100		05/17/24 17:05	107-02-8	
Acrylonitrile	ND	ug/L	10000	100		05/17/24 17:05	107-13-1	
Benzene	**2500**	ug/L	500	100		05/17/24 17:05	71-43-2	
Bromobenzene	ND	ug/L	500	100		05/17/24 17:05	108-86-1	
Bromochloromethane	ND	ug/L	500	100		05/17/24 17:05	74-97-5	
Bromodichloromethane	ND	ug/L	500	100		05/17/24 17:05	75-27-4	
Bromoform	ND	ug/L	500	100		05/17/24 17:05	75-25-2	
Bromomethane	ND	ug/L	500	100		05/17/24 17:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	2500	100		05/17/24 17:05	78-93-3	
n-Butylbenzene	**930**	ug/L	500	100		05/17/24 17:05	104-51-8	
sec-Butylbenzene	ND	ug/L	500	100		05/17/24 17:05	135-98-8	
tert-Butylbenzene	ND	ug/L	500	100		05/17/24 17:05	98-06-6	
Carbon disulfide	ND	ug/L	1000	100		05/17/24 17:05	75-15-0	
Carbon tetrachloride	ND	ug/L	500	100		05/17/24 17:05	56-23-5	
Chlorobenzene	ND	ug/L	500	100		05/17/24 17:05	108-90-7	
Chloroethane	ND	ug/L	500	100		05/17/24 17:05	75-00-3	
Chloroform	ND	ug/L	500	100		05/17/24 17:05	67-66-3	
Chloromethane	ND	ug/L	500	100		05/17/24 17:05	74-87-3	
2-Chlorotoluene	ND	ug/L	500	100		05/17/24 17:05	95-49-8	
4-Chlorotoluene	ND	ug/L	500	100		05/17/24 17:05	106-43-4	
Dibromochloromethane	ND	ug/L	500	100		05/17/24 17:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	500	100		05/17/24 17:05	106-93-4	
Dibromomethane	ND	ug/L	500	100		05/17/24 17:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	500	100		05/17/24 17:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	500	100		05/17/24 17:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	500	100		05/17/24 17:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	10000	100		05/17/24 17:05	110-57-6	
Dichlorodifluoromethane	ND	ug/L	500	100		05/17/24 17:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	500	100		05/17/24 17:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	500	100		05/17/24 17:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	500	100		05/17/24 17:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	500	100		05/17/24 17:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	500	100		05/17/24 17:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	500	100		05/17/24 17:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	500	100		05/17/24 17:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	500	100		05/17/24 17:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	500	100		05/17/24 17:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	500	100		05/17/24 17:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	500	100		05/17/24 17:05	10061-02-6	
Ethylbenzene	**7270**	ug/L	500	100		05/17/24 17:05	100-41-4	
Ethyl methacrylate	ND	ug/L	10000	100		05/17/24 17:05	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	500	100		05/17/24 17:05	87-68-3	
n-Hexane	ND	ug/L	500	100		05/17/24 17:05	110-54-3	
2-Hexanone	ND	ug/L	2500	100		05/17/24 17:05	591-78-6	
Iodomethane	ND	ug/L	1000	100		05/17/24 17:05	74-88-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: MW-4 **Lab ID: 50373280003** Collected: 05/15/24 11:19 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)	**600**	ug/L	500	100		05/17/24 17:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	500	100		05/17/24 17:05	99-87-6	
Methylene Chloride	ND	ug/L	500	100		05/17/24 17:05	75-09-2	
1-Methylnaphthalene	ND	ug/L	1000	100		05/17/24 17:05	90-12-0	
2-Methylnaphthalene	**1490**	ug/L	1000	100		05/17/24 17:05	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	2500	100		05/17/24 17:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	400	100		05/17/24 17:05	1634-04-4	
Naphthalene	**1380**	ug/L	120	100		05/17/24 17:05	91-20-3	
n-Propylbenzene	**2250**	ug/L	500	100		05/17/24 17:05	103-65-1	
Styrene	ND	ug/L	500	100		05/17/24 17:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	500	100		05/17/24 17:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	100		05/17/24 17:05	79-34-5	
Tetrachloroethene	ND	ug/L	500	100		05/17/24 17:05	127-18-4	
Toluene	**4430**	ug/L	500	100		05/17/24 17:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	500	100		05/17/24 17:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	500	100		05/17/24 17:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	500	100		05/17/24 17:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	500	100		05/17/24 17:05	79-00-5	
Trichloroethene	ND	ug/L	500	100		05/17/24 17:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	500	100		05/17/24 17:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	500	100		05/17/24 17:05	96-18-4	
1,2,4-Trimethylbenzene	**13700**	ug/L	500	100		05/17/24 17:05	95-63-6	
1,3,5-Trimethylbenzene	**3880**	ug/L	500	100		05/17/24 17:05	108-67-8	
Vinyl acetate	ND	ug/L	5000	100		05/17/24 17:05	108-05-4	
Vinyl chloride	ND	ug/L	200	100		05/17/24 17:05	75-01-4	
Xylene (Total)	**36800**	ug/L	1000	100		05/17/24 17:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	92	%.	82-128	100		05/17/24 17:05	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	79-124	100		05/17/24 17:05	460-00-4	
Toluene-d8 (S)	99	%.	73-122	100		05/17/24 17:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: DUP **Lab ID: 50373280004** 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	10000	100		05/17/24 17:52	67-64-1	
Acrolein	ND	ug/L	5000	100		05/17/24 17:52	107-02-8	
Acrylonitrile	ND	ug/L	10000	100		05/17/24 17:52	107-13-1	
Benzene	**2860**	ug/L	500	100		05/17/24 17:52	71-43-2	
Bromobenzene	ND	ug/L	500	100		05/17/24 17:52	108-86-1	
Bromochloromethane	ND	ug/L	500	100		05/17/24 17:52	74-97-5	
Bromodichloromethane	ND	ug/L	500	100		05/17/24 17:52	75-27-4	
Bromoform	ND	ug/L	500	100		05/17/24 17:52	75-25-2	
Bromomethane	ND	ug/L	500	100		05/17/24 17:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	2500	100		05/17/24 17:52	78-93-3	
n-Butylbenzene	**5020**	ug/L	500	100		05/17/24 17:52	104-51-8	
sec-Butylbenzene	**1050**	ug/L	500	100		05/17/24 17:52	135-98-8	
tert-Butylbenzene	ND	ug/L	500	100		05/17/24 17:52	98-06-6	
Carbon disulfide	ND	ug/L	1000	100		05/17/24 17:52	75-15-0	
Carbon tetrachloride	ND	ug/L	500	100		05/17/24 17:52	56-23-5	
Chlorobenzene	ND	ug/L	500	100		05/17/24 17:52	108-90-7	
Chloroethane	ND	ug/L	500	100		05/17/24 17:52	75-00-3	
Chloroform	ND	ug/L	500	100		05/17/24 17:52	67-66-3	
Chloromethane	ND	ug/L	500	100		05/17/24 17:52	74-87-3	
2-Chlorotoluene	ND	ug/L	500	100		05/17/24 17:52	95-49-8	
4-Chlorotoluene	ND	ug/L	500	100		05/17/24 17:52	106-43-4	
Dibromochloromethane	ND	ug/L	500	100		05/17/24 17:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	500	100		05/17/24 17:52	106-93-4	
Dibromomethane	ND	ug/L	500	100		05/17/24 17:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	500	100		05/17/24 17:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	500	100		05/17/24 17:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	500	100		05/17/24 17:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	10000	100		05/17/24 17:52	110-57-6	
Dichlorodifluoromethane	ND	ug/L	500	100		05/17/24 17:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	500	100		05/17/24 17:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	500	100		05/17/24 17:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	500	100		05/17/24 17:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	500	100		05/17/24 17:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	500	100		05/17/24 17:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	500	100		05/17/24 17:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	500	100		05/17/24 17:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	500	100		05/17/24 17:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	500	100		05/17/24 17:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	500	100		05/17/24 17:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	500	100		05/17/24 17:52	10061-02-6	
Ethylbenzene	**14300**	ug/L	500	100		05/17/24 17:52	100-41-4	
Ethyl methacrylate	ND	ug/L	10000	100		05/17/24 17:52	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	500	100		05/17/24 17:52	87-68-3	
n-Hexane	ND	ug/L	500	100		05/17/24 17:52	110-54-3	
2-Hexanone	ND	ug/L	2500	100		05/17/24 17:52	591-78-6	
Iodomethane	ND	ug/L	1000	100		05/17/24 17:52	74-88-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: DUP **Lab ID: 50373280004** 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)	**1650**	ug/L	500	100		05/17/24 17:52	98-82-8	
p-Isopropyltoluene	**602**	ug/L	500	100		05/17/24 17:52	99-87-6	
Methylene Chloride	ND	ug/L	500	100		05/17/24 17:52	75-09-2	
1-Methylnaphthalene	**2490**	ug/L	1000	100		05/17/24 17:52	90-12-0	
2-Methylnaphthalene	**5050**	ug/L	1000	100		05/17/24 17:52	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	2500	100		05/17/24 17:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	400	100		05/17/24 17:52	1634-04-4	
Naphthalene	**6570**	ug/L	120	100		05/17/24 17:52	91-20-3	
n-Propylbenzene	**7610**	ug/L	500	100		05/17/24 17:52	103-65-1	
Styrene	ND	ug/L	500	100		05/17/24 17:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	500	100		05/17/24 17:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	100		05/17/24 17:52	79-34-5	
Tetrachloroethene	ND	ug/L	500	100		05/17/24 17:52	127-18-4	
Toluene	**87400**	ug/L	5000	1000		05/17/24 18:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	500	100		05/17/24 17:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	500	100		05/17/24 17:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	500	100		05/17/24 17:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	500	100		05/17/24 17:52	79-00-5	
Trichloroethene	ND	ug/L	500	100		05/17/24 17:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	500	100		05/17/24 17:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	500	100		05/17/24 17:52	96-18-4	
1,2,4-Trimethylbenzene	**187000**	ug/L	5000	1000		05/17/24 18:15	95-63-6	
1,3,5-Trimethylbenzene	**14900**	ug/L	500	100		05/17/24 17:52	108-67-8	
Vinyl acetate	ND	ug/L	5000	100		05/17/24 17:52	108-05-4	
Vinyl chloride	ND	ug/L	200	100		05/17/24 17:52	75-01-4	
Xylene (Total)	**171000**	ug/L	10000	1000		05/17/24 18:15	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	93	%.	82-128	100		05/17/24 17:52	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	79-124	100		05/17/24 17:52	460-00-4	
Toluene-d8 (S)	99	%.	73-122	100		05/17/24 17:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: TRIP BLANK **Lab ID: 50373280005** Collected: 05/15/24 10:35 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 14:22	67-64-1	
Acrolein	ND	ug/L	50.0	1		05/17/24 14:22	107-02-8	
Acrylonitrile	ND	ug/L	100	1		05/17/24 14:22	107-13-1	
Benzene	ND	ug/L	5.0	1		05/17/24 14:22	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/17/24 14:22	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/17/24 14:22	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/17/24 14:22	75-27-4	
Bromoform	ND	ug/L	5.0	1		05/17/24 14:22	75-25-2	
Bromomethane	ND	ug/L	5.0	1		05/17/24 14:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		05/17/24 14:22	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		05/17/24 14:22	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/17/24 14:22	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/17/24 14:22	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		05/17/24 14:22	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		05/17/24 14:22	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/17/24 14:22	108-90-7	
Chloroethane	ND	ug/L	5.0	1		05/17/24 14:22	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/17/24 14:22	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/17/24 14:22	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/17/24 14:22	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/17/24 14:22	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		05/17/24 14:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/17/24 14:22	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/17/24 14:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 14:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 14:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/17/24 14:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		05/17/24 14:22	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/17/24 14:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/17/24 14:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/17/24 14:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/17/24 14:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/17/24 14:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/17/24 14:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/17/24 14:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/17/24 14:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/17/24 14:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/17/24 14:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/17/24 14:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/17/24 14:22	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		05/17/24 14:22	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		05/17/24 14:22	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/17/24 14:22	87-68-3	
n-Hexane	ND	ug/L	5.0	1		05/17/24 14:22	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		05/17/24 14:22	591-78-6	
Iodomethane	ND	ug/L	10.0	1		05/17/24 14:22	74-88-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Sample: TRIP BLANK **Lab ID: 50373280005** Collected: 05/15/24 10:35 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 14:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		05/17/24 14:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		05/17/24 14:22	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		05/17/24 14:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		05/17/24 14:22	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		05/17/24 14:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		05/17/24 14:22	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		05/17/24 14:22	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		05/17/24 14:22	103-65-1	
Styrene	ND	ug/L	5.0	1		05/17/24 14:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		05/17/24 14:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		05/17/24 14:22	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/17/24 14:22	127-18-4	
Toluene	ND	ug/L	5.0	1		05/17/24 14:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		05/17/24 14:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		05/17/24 14:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/17/24 14:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		05/17/24 14:22	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		05/17/24 14:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		05/17/24 14:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		05/17/24 14:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		05/17/24 14:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		05/17/24 14:22	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		05/17/24 14:22	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		05/17/24 14:22	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/17/24 14:22	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	82-128	1		05/17/24 14:22	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	79-124	1		05/17/24 14:22	460-00-4	
Toluene-d8 (S)	97	%.	73-122	1		05/17/24 14:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

QC Batch: 790614
QC Batch Method: EPA 5030/8260
Analysis Method: EPA 5030/8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50373280001, 50373280002, 50373280003, 50373280004, 50373280005

METHOD BLANK: 3617881 Matrix: Water
Associated Lab Samples: 50373280001, 50373280002, 50373280003, 50373280004, 50373280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	05/17/24 12:02	
1,1,1-Trichloroethane	ug/L	ND	5.0	05/17/24 12:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	05/17/24 12:02	
1,1,2-Trichloroethane	ug/L	ND	5.0	05/17/24 12:02	
1,1-Dichloroethane	ug/L	ND	5.0	05/17/24 12:02	
1,1-Dichloroethene	ug/L	ND	5.0	05/17/24 12:02	
1,1-Dichloropropene	ug/L	ND	5.0	05/17/24 12:02	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	05/17/24 12:02	
1,2,3-Trichloropropane	ug/L	ND	5.0	05/17/24 12:02	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	05/17/24 12:02	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	05/17/24 12:02	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	05/17/24 12:02	
1,2-Dichlorobenzene	ug/L	ND	5.0	05/17/24 12:02	
1,2-Dichloroethane	ug/L	ND	5.0	05/17/24 12:02	
1,2-Dichloropropane	ug/L	ND	5.0	05/17/24 12:02	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	05/17/24 12:02	
1,3-Dichlorobenzene	ug/L	ND	5.0	05/17/24 12:02	
1,3-Dichloropropane	ug/L	ND	5.0	05/17/24 12:02	
1,4-Dichlorobenzene	ug/L	ND	5.0	05/17/24 12:02	
1-Methylnaphthalene	ug/L	ND	10.0	05/17/24 12:02	
2,2-Dichloropropane	ug/L	ND	5.0	05/17/24 12:02	
2-Butanone (MEK)	ug/L	ND	25.0	05/17/24 12:02	
2-Chlorotoluene	ug/L	ND	5.0	05/17/24 12:02	
2-Hexanone	ug/L	ND	25.0	05/17/24 12:02	
2-Methylnaphthalene	ug/L	ND	10.0	05/17/24 12:02	
4-Chlorotoluene	ug/L	ND	5.0	05/17/24 12:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	05/17/24 12:02	
Acetone	ug/L	ND	100	05/17/24 12:02	
Acrolein	ug/L	ND	50.0	05/17/24 12:02	
Acrylonitrile	ug/L	ND	100	05/17/24 12:02	
Benzene	ug/L	ND	5.0	05/17/24 12:02	
Bromobenzene	ug/L	ND	5.0	05/17/24 12:02	
Bromochloromethane	ug/L	ND	5.0	05/17/24 12:02	
Bromodichloromethane	ug/L	ND	5.0	05/17/24 12:02	
Bromoform	ug/L	ND	5.0	05/17/24 12:02	
Bromomethane	ug/L	ND	5.0	05/17/24 12:02	
Carbon disulfide	ug/L	ND	10.0	05/17/24 12:02	
Carbon tetrachloride	ug/L	ND	5.0	05/17/24 12:02	
Chlorobenzene	ug/L	ND	5.0	05/17/24 12:02	
Chloroethane	ug/L	ND	5.0	05/17/24 12:02	

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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: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

METHOD BLANK: 3617881 Matrix: Water
Associated Lab Samples: 50373280001, 50373280002, 50373280003, 50373280004, 50373280005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	05/17/24 12:02	
Chloromethane	ug/L	ND	5.0	05/17/24 12:02	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/17/24 12:02	
cis-1,3-Dichloropropene	ug/L	ND	5.0	05/17/24 12:02	
Dibromochloromethane	ug/L	ND	5.0	05/17/24 12:02	
Dibromomethane	ug/L	ND	5.0	05/17/24 12:02	
Dichlorodifluoromethane	ug/L	ND	5.0	05/17/24 12:02	
Ethyl methacrylate	ug/L	ND	100	05/17/24 12:02	
Ethylbenzene	ug/L	ND	5.0	05/17/24 12:02	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	05/17/24 12:02	
Iodomethane	ug/L	ND	10.0	05/17/24 12:02	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	05/17/24 12:02	
Methyl-tert-butyl ether	ug/L	ND	4.0	05/17/24 12:02	
Methylene Chloride	ug/L	ND	5.0	05/17/24 12:02	
n-Butylbenzene	ug/L	ND	5.0	05/17/24 12:02	
n-Hexane	ug/L	ND	5.0	05/17/24 12:02	
n-Propylbenzene	ug/L	ND	5.0	05/17/24 12:02	
Naphthalene	ug/L	ND	1.2	05/17/24 12:02	
p-Isopropyltoluene	ug/L	ND	5.0	05/17/24 12:02	
sec-Butylbenzene	ug/L	ND	5.0	05/17/24 12:02	
Styrene	ug/L	ND	5.0	05/17/24 12:02	
tert-Butylbenzene	ug/L	ND	5.0	05/17/24 12:02	
Tetrachloroethene	ug/L	ND	5.0	05/17/24 12:02	
Toluene	ug/L	ND	5.0	05/17/24 12:02	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/17/24 12:02	
trans-1,3-Dichloropropene	ug/L	ND	5.0	05/17/24 12:02	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	05/17/24 12:02	
Trichloroethene	ug/L	ND	5.0	05/17/24 12:02	
Trichlorofluoromethane	ug/L	ND	5.0	05/17/24 12:02	
Vinyl acetate	ug/L	ND	50.0	05/17/24 12:02	
Vinyl chloride	ug/L	ND	2.0	05/17/24 12:02	
Xylene (Total)	ug/L	ND	10.0	05/17/24 12:02	
4-Bromofluorobenzene (S)	%.	99	79-124	05/17/24 12:02	
Dibromofluoromethane (S)	%.	101	82-128	05/17/24 12:02	
Toluene-d8 (S)	%.	98	73-122	05/17/24 12:02	

LABORATORY CONTROL SAMPLE: 3617882

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.8	106	81-130	
1,1,1-Trichloroethane	ug/L	50	54.2	108	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	52.1	104	70-126	
1,1,2-Trichloroethane	ug/L	50	52.6	105	79-125	
1,1-Dichloroethane	ug/L	50	52.9	106	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: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

LABORATORY CONTROL SAMPLE: 3617882

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	53.3	107	71-130	
1,1-Dichloropropene	ug/L	50	53.2	106	78-144	
1,2,3-Trichlorobenzene	ug/L	50	54.2	108	57-146	
1,2,3-Trichloropropane	ug/L	50	52.1	104	74-127	
1,2,4-Trichlorobenzene	ug/L	50	55.0	110	62-136	
1,2,4-Trimethylbenzene	ug/L	50	55.9	112	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	55.3	111	80-120	
1,2-Dichlorobenzene	ug/L	50	53.9	108	79-123	
1,2-Dichloroethane	ug/L	50	51.3	103	72-123	
1,2-Dichloropropane	ug/L	50	54.0	108	76-125	
1,3,5-Trimethylbenzene	ug/L	50	56.6	113	71-120	
1,3-Dichlorobenzene	ug/L	50	53.4	107	78-117	
1,3-Dichloropropane	ug/L	50	54.0	108	77-126	
1,4-Dichlorobenzene	ug/L	50	53.4	107	79-116	
1-Methylnaphthalene	ug/L	50	49.8	100	50-190	
2,2-Dichloropropane	ug/L	50	53.1	106	48-138	
2-Butanone (MEK)	ug/L	250	301	121	67-135	
2-Chlorotoluene	ug/L	50	54.9	110	75-122	
2-Hexanone	ug/L	250	279	112	65-135	
2-Methylnaphthalene	ug/L	50	50.3	101	55-184	
4-Chlorotoluene	ug/L	50	55.1	110	77-120	
4-Methyl-2-pentanone (MIBK)	ug/L	250	266	106	69-136	
Acetone	ug/L	250	320	128	34-156	
Acrolein	ug/L	1000	994	99	59-191	
Acrylonitrile	ug/L	250	258	103	67-146	
Benzene	ug/L	50	54.4	109	76-122	
Bromobenzene	ug/L	50	53.2	106	75-121	
Bromochloromethane	ug/L	50	52.3	105	73-119	
Bromodichloromethane	ug/L	50	52.4	105	80-126	
Bromoform	ug/L	50	51.4	103	77-124	
Bromomethane	ug/L	50	41.3	83	10-175	
Carbon disulfide	ug/L	50	53.1	106	69-121	
Carbon tetrachloride	ug/L	50	52.3	105	73-127	
Chlorobenzene	ug/L	50	53.6	107	76-118	
Chloroethane	ug/L	50	51.1	102	36-162	
Chloroform	ug/L	50	52.8	106	78-121	
Chloromethane	ug/L	50	48.4	97	37-143	
cis-1,2-Dichloroethene	ug/L	50	53.1	106	77-123	
cis-1,3-Dichloropropene	ug/L	50	56.2	112	76-132	
Dibromochloromethane	ug/L	50	52.9	106	79-130	
Dibromomethane	ug/L	50	51.4	103	79-124	
Dichlorodifluoromethane	ug/L	50	47.9	96	29-126	
Ethyl methacrylate	ug/L	50	53.6J	107	78-137	
Ethylbenzene	ug/L	50	55.5	111	76-120	
Hexachloro-1,3-butadiene	ug/L	50	54.6	109	60-131	
Iodomethane	ug/L	50	54.6	109	10-148	
Isopropylbenzene (Cumene)	ug/L	50	54.9	110	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: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

LABORATORY CONTROL SAMPLE: 3617882

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	52.9	106	71-121	
Methylene Chloride	ug/L	50	51.7	103	71-121	
n-Butylbenzene	ug/L	50	57.5	115	68-131	
n-Hexane	ug/L	50	54.1	108	51-126	
n-Propylbenzene	ug/L	50	56.7	113	67-127	
Naphthalene	ug/L	50	54.4	109	62-143	
p-Isopropyltoluene	ug/L	50	57.1	114	72-124	
sec-Butylbenzene	ug/L	50	56.6	113	71-126	
Styrene	ug/L	50	54.7	109	80-121	
tert-Butylbenzene	ug/L	50	54.3	109	71-128	
Tetrachloroethene	ug/L	50	54.4	109	71-122	
Toluene	ug/L	50	53.3	107	74-118	
trans-1,2-Dichloroethene	ug/L	50	54.2	108	75-122	
trans-1,3-Dichloropropene	ug/L	50	56.1	112	77-126	
trans-1,4-Dichloro-2-butene	ug/L	50	52.1J	104	53-136	
Trichloroethene	ug/L	50	54.5	109	74-125	
Trichlorofluoromethane	ug/L	50	52.0	104	64-138	
Vinyl acetate	ug/L	200	204	102	74-154	
Vinyl chloride	ug/L	50	52.9	106	55-139	
Xylene (Total)	ug/L	100	109	109	73-119	
4-Bromofluorobenzene (S)	%.			100	79-124	
Dibromofluoromethane (S)	%.			99	82-128	
Toluene-d8 (S)	%.			98	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3617883 3617884

Parameter	Units	50373402008 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	500	500	492	543	98	109	47-139	10	20	
1,1,1-Trichloroethane	ug/L	ND	500	500	529	570	106	114	47-145	7	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	488	505	98	101	49-133	4	20	
1,1,2-Trichloroethane	ug/L	ND	500	500	512	525	102	105	52-136	3	20	
1,1-Dichloroethane	ug/L	ND	500	500	539	584	108	117	52-137	8	20	
1,1-Dichloroethene	ug/L	ND	500	500	513	541	103	108	53-144	5	20	
1,1-Dichloropropene	ug/L	ND	500	500	537	587	107	117	49-150	9	20	
1,2,3-Trichlorobenzene	ug/L	ND	500	500	379	431	76	86	20-153	13	20	
1,2,3-Trichloropropane	ug/L	ND	500	500	478	503	96	101	47-134	5	20	
1,2,4-Trichlorobenzene	ug/L	ND	500	500	353	410	71	82	23-141	15	20	
1,2,4-Trimethylbenzene	ug/L	ND	500	500	379	470	72	90	41-131	21	20	R1
1,2-Dibromoethane (EDB)	ug/L	ND	500	500	523	555	105	111	55-133	6	20	
1,2-Dichlorobenzene	ug/L	ND	500	500	404	470	81	94	43-133	15	20	
1,2-Dichloroethane	ug/L	ND	500	500	543	552	109	110	50-138	2	20	
1,2-Dichloropropane	ug/L	ND	500	500	534	576	107	115	54-139	8	20	
1,3,5-Trimethylbenzene	ug/L	ND	500	500	384	476	74	93	39-133	21	20	R1
1,3-Dichlorobenzene	ug/L	ND	500	500	379	457	76	91	41-131	19	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: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3617883 3617884

Parameter	Units	50373402008 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	500	500	527	546	105	109	50-136	3	20	
1,4-Dichlorobenzene	ug/L	ND	500	500	373	450	75	90	41-131	19	20	
1-Methylnaphthalene	ug/L	ND	500	500	444	485	84	92	10-188	9	20	
2,2-Dichloropropane	ug/L	ND	500	500	512	559	102	112	17-141	9	20	
2-Butanone (MEK)	ug/L	ND	2500	2500	2210	2140	89	86	45-138	3	20	
2-Chlorotoluene	ug/L	ND	500	500	401	486	80	97	36-141	19	20	
2-Hexanone	ug/L	ND	2500	2500	2350	2350	94	94	45-135	0	20	
2-Methylnaphthalene	ug/L	ND	500	500	448	484	80	87	10-197	8	20	
4-Chlorotoluene	ug/L	ND	500	500	385	460	77	92	38-134	18	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	2500	2500	2660	2590	106	103	46-138	3	20	
Acetone	ug/L	ND	2500	2500	2100	2070	84	83	25-151	1	20	
Acrolein	ug/L	ND	10000	10000	10100	10100	101	101	36-168	0	20	
Acrylonitrile	ug/L	ND	2500	2500	2680	2630	107	105	47-147	2	20	
Benzene	ug/L	1120	500	500	1600	1710	97	120	53-138	7	20	
Bromobenzene	ug/L	ND	500	500	448	502	90	100	47-130	11	20	
Bromochloromethane	ug/L	ND	500	500	507	531	101	106	52-130	5	20	
Bromodichloromethane	ug/L	ND	500	500	541	574	108	115	50-146	6	20	
Bromoform	ug/L	ND	500	500	475	497	95	99	45-132	5	20	
Bromomethane	ug/L	ND	500	500	452	504	90	101	10-173	11	20	
Carbon disulfide	ug/L	ND	500	500	467	510	93	102	47-133	9	20	
Carbon tetrachloride	ug/L	ND	500	500	493	537	99	107	43-148	9	20	
Chlorobenzene	ug/L	ND	500	500	450	521	90	104	52-131	15	20	
Chloroethane	ug/L	ND	500	500	524	550	105	110	25-169	5	20	
Chloroform	ug/L	ND	500	500	561	581	112	116	54-138	4	20	
Chloromethane	ug/L	ND	500	500	457	498	91	100	33-137	9	20	
cis-1,2-Dichloroethene	ug/L	ND	500	500	523	557	105	111	50-141	6	20	
cis-1,3-Dichloropropene	ug/L	ND	500	500	540	588	108	118	47-135	8	20	
Dibromochloromethane	ug/L	ND	500	500	496	529	99	106	48-139	6	20	
Dibromomethane	ug/L	ND	500	500	508	517	102	103	51-141	2	20	
Dichlorodifluoromethane	ug/L	ND	500	500	335	349	67	70	15-130	4	20	
Ethyl methacrylate	ug/L	ND	500	500	574J	578J	115	116	51-142		20	
Ethylbenzene	ug/L	81.1	500	500	516	602	87	104	50-136	15	20	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	226	320	45	64	15-141	34	20	R1
Iodomethane	ug/L	ND	500	500	529	562	106	112	10-145	6	20	
Isopropylbenzene (Cumene)	ug/L	79.9	500	500	474	575	79	99	46-137	19	20	
Methyl-tert-butyl ether	ug/L	ND	500	500	522	529	104	106	47-135	1	20	
Methylene Chloride	ug/L	ND	500	500	524	536	105	107	48-131	2	20	
n-Butylbenzene	ug/L	ND	500	500	303	405	57	77	30-138	29	20	R1
n-Hexane	ug/L	243	500	500	707	761	93	104	35-137	7	20	
n-Propylbenzene	ug/L	206	500	500	512	642	61	87	37-135	23	20	R1
Naphthalene	ug/L	287	500	500	733	795	89	102	34-152	8	20	
p-Isopropyltoluene	ug/L	ND	500	500	331	424	66	84	35-136	25	20	R1
sec-Butylbenzene	ug/L	ND	500	500	355	457	69	90	36-137	25	20	R1
Styrene	ug/L	ND	500	500	443	509	89	102	46-136	14	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: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3617883 3617884

Parameter	Units	50373402008 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	500	500	376	468	75	94	40-137	22	20	R1
Tetrachloroethene	ug/L	ND	500	500	440	513	88	103	44-138	15	20	
Toluene	ug/L	59.3	500	500	530	592	94	107	52-132	11	20	
trans-1,2-Dichloroethene	ug/L	ND	500	500	504	548	101	110	50-137	8	20	
trans-1,3-Dichloropropene	ug/L	ND	500	500	528	568	106	114	46-130	7	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	500	500	474J	489J	95	98	24-134		20	
Trichloroethene	ug/L	ND	500	500	506	541	101	108	49-140	7	20	
Trichlorofluoromethane	ug/L	ND	500	500	466	487	93	97	44-153	4	20	
Vinyl acetate	ug/L	ND	2000	2000	2700	2730	135	137	32-142	1	20	
Vinyl chloride	ug/L	ND	500	500	512	541	102	108	41-147	5	20	
Xylene (Total)	ug/L	105	1500	1500	1370	1610	84	100	44-138	16	20	
4-Bromofluorobenzene (S)	%.						101	101	79-124			
Dibromofluoromethane (S)	%.						97	95	82-128			
Toluene-d8 (S)	%.						100	100	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: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

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

R1	RPD value was outside control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1257 Poplar St ELTF - WT
Pace Project No.: 50373280

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50373280001	**MW-1**	EPA 5030/8260	790614		
50373280002	**MW-2**	EPA 5030/8260	790614		
50373280003	**MW-4**	EPA 5030/8260	790614		
50373280004	**DUP**	EPA 5030/8260	790614		
50373280005	**TRIP BLANK**	EPA 5030/8260	790614		

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# : 50373280

50373280

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 #:	1257	Invoice To:	Emily Gibson
Project Name:	~~1301~~ Poplar St ELTF - WT	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	11:06	3			X	
mw-2						10:45	3			X	
mw-4						11:19	3			X	
Dup						—	3			X	
Trip Blank						10:35	3			X	

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: Diane E White

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	E	0.0	2.3	2.3	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Diane E White	5/15 1:30		5/13	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
	5/15 1:35		5/15 1335	[ ] 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

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 05/15/24 0835 gmk

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): 2.3/2.3
(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?: See COC

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:			Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
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 **

			MeOH (only)							AMBER GLASS							PLASTIC									OTHER					Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
			SBS																											Red	Yellow	Green	Black
			DI																														
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA 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																																	
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
BP1N	1L HNO3 plastic
BP1S	1L 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
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

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