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: 9535**
Facility Name: Poseyville One Stop Express		LUST Incident Number(s): **200411503**
Street Address *(number and street)*: Highway 165 North		
City: Poseyville	County: Posey	ZIP Code: 47638

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:	10
Number of monitoring wells installed:	11
Groundwater sampling method:	☐ Low Flow ☐ No Purge ☒ Purge
Groundwater analytical method(s):	☒ VOCs ☐ SVOCs ☐ PAHs ☐ Metals

D. SYSTEM INFORMATION

Active remediation system:	System type: 0	Start-up date *(month, day, year)*:0
Number of extraction wells:		0
Number of air sparge wells:		0
Percent of time system was operational this quarter:		NA%

E. TANK(S) OWNER INFORMATION		
Owner Name:Jay Ambika 1, Inc		
Street Address *(number and street)*:165 E. Cynthiana Rd		
City: Poseyville	State: Indiana	ZIP Code: 47633
Contact Person: Pravinkumar Patel	Telephone Number: (812)205-6505	
E-mail Address: pravinpatel784@gmail.com		

F. REPORT PREPARER INFORMATION		
Company Name: Hinderliter Environmental Services		
Street Address *(number and street)*: 3601 N. Saint Joseph Ave		
City: Evansville	State: IN	ZIP Code: 47720
Contact Person: Jarrod Richeson	Telephone Number: (812)425-4137	
E-mail Address:		

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)*
Mark E. Phillips	Sr. Geologist	Hinderliter Environmental Services	

Environmental Professional Credentials

Signature: Mark E. Phillips LPG 1553 Date *(month, day, year)*: 6/26/24

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: Jarrod K. Richeson Date *(month, day, year)*: 6-26-2024

Printed name: Jarrod K. Richeson

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

Printed name: _____

HINDERLITER
ENVIRONMENTAL SERVICES, INC.
3601 North Saint Joseph Avenue
Evansville, Indiana 47720
Telephone: (812) 425-4137

Petroleum Remediation Section
Petroleum Branch – Office of Land Quality
Indiana Department of Environmental Management
Mr. Ben Welvaert
100 North Senate Avenue
Room 1101
Indianapolis, Indiana 46204-2251

June 26, 2024

Subject: Q2 2024 Groundwater Monitoring Report
Poseyville One Stop Express
Highway 165
Poseyville, Indiana
FID# 009535
LUST# 200411503 and #201910501

Mr. Welvaert,

Hinderliter Environmental Services (HES), on behalf of One Stop Development Inc, is providing the Indiana Department of Environmental Management (IDEM) with the Q2 2024 Groundwater Monitoring Report for the above-referenced facility. If you have additional questions or comments concerning this submittal, feel free to contact us.

Sincerely,
Hinderliter Environmental Services

Jarrod K. Richeson
Senior Project Manager

Q2 2024 GROUNDWATER MONITORING REPORT

POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE
POSEY COUNTY
FID #9535
INCIDENT 200411503, 201910501

PREPARED FOR:
ONE STOP DEVELOPMENT, INC
P.O. BOX 537
POSEYVILLE, INDIANA, 47633

SUBMITTED TO:
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PETROLEUM REMEDIATION SECTION
PETROLEUM BRANCH
OFFICE OF LAND QUALITY

COMPLETED BY:

HINDERLITER
ENVIRONMENTAL SERVICES, INC.
3601 NORTH ST. JOSEPH AVENUE
EVANSVILLE, INDIANA 47720

JUNE 26, 2024

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EXECUTIVE SUMMARY

The purpose of this report is to present the results of the quarterly groundwater monitoring conducted at Poseyville One Stop Express, Highway 165 in Poseyville, Indiana. Hinderliter Environmental Services (HES) on behalf of One Stop Development Inc, has conducted the quarterly monitoring activities described in this report during Q2 2024. Quarterly monitoring was historically conducted according to the Indiana Department of Environmental Management's (IDEM) Remediation Closure Guide (RCG). No approved Corrective Action Plan (CAP) for the Site is currently in place. Work is now performed in accordance with the IDEM Risk-Based Closure Guide (R2). Only groundwater monitoring is currently being conducted.

Summary of Past Environmental Activities

1996 UST Closure: An underground storage tank (UST) closure at the site was conducted in 1996 by Environmental Management Consultants, Inc. (EMC). Six USTs were closed by removal and one UST was closed in place by filling with concrete. 4,027 cubic yards of petroleum impacted soil was disposed at the BFI Laubscher Meadows Landfill. Laboratory results indicated that thirteen soil samples exceeded the Indiana Department of Environmental Management's (IDEM) regulatory standards for total petroleum hydrocarbons (TPH) for gasoline range organics (GRO). The site received a No Further Action letter dated March 30, 1999, for this incident.

2004 Due Diligence Investigation: ATC Associates, Inc. (ATC) advanced six soil borings at the site on September 29, 2004, and October 1, 2004. During this assessment, Borings was advanced in the vicinity of the UST crib and the dispensing islands. Sampling results from soil and groundwater revealed that the borings had constituents exceeding regulatory standards. ATC reported these findings to IDEM on October 15, 2004, and Incident # 200411503 was issued by IDEM for the release.

2005 20 Day Free Product Report: On January 4, 2005, a surface spill of ten gallons of gasoline was reported to IDEM. On January 5, 2005, Hinderliter Environmental Services (HES) representatives arrived at the site to assess boring and monitoring well locations for an Initial Site Characterization (ISC) in response to incident number 200411503. Petroleum impacted water and 1/8" to 1/4" of free product in submersible pump manholes and pit wells in the tank pit was discovered and reported to IDEM. IDEM issued LUST incident number 20051212. On January 6 and 7, 2005, 16,000 gallons of petroleum impacted water was removed from the UST pit. Subsequently product line and UST tightness testing was conducted. UST and lines passed the tightness tests. On January 27, 2005, HES submitted a 20 Day Free Product Report to IDEM. In October 2006, it was decided that LUST numbers 200411503 and 20051212 referred to the same release and combined under incident number 200411503.

2008 Initial Site Characterization: On April 22, 2008, HES advanced four borings in all cardinal directions around the UST tank pit to characterize soil and groundwater impacts. Two soil samples from each boring were chosen for analysis. Laboratory soil analysis for indicated soil exceeding Risk Integrated System of Closure (RISC) residential default closure levels (RDCLs) and industrial default closure levels (IDCLs). Groundwater samples were collected from piezometers placed in the completed soil borings. Elevations were established on the piezometers and depth to groundwater measured to determine groundwater flow. Laboratory analysis for groundwater samples revealed contaminant concentrations exceeding RISC RDCLs as well as exceeding RISC IDCLs.

On November 14, 2008, four two-inch diameter groundwater monitoring wells (MW-1 through MW-4) were installed to aid in defining the extent of contamination. Analytical results indicate levels below RISC RDCLs in wells MW-1 and MW-2, while MW-3 and MW-4 had values above RISC RDCLs for benzene, ethylbenzene, toluene, methyl-tert-butyl ether (MTBE) and naphthalene. HES personnel also conducted a field check to address vapor intrusion of the adjacent property to the east. A PID and a LEL/O2 meter was used to assess the living area and crawl space atmosphere of the adjacent property. All areas evaluated had readings below the detection limits of the instruments. Furthermore, the occupant of the property was questioned, and he reported that he was unaware of any issues concerning air quality in the residence.

January 2009 Further Site Investigation: In a letter dated September 23, 2008, IDEM requested that the extent of off-site impaction to the east of the release site be assessed. On November 10, 2008, HES advanced eight off-site borings (GP-5 through GP-12) within the boundaries of the adjoining property. In addition, on November 13, 2008, one boring (GP-13) was advanced on the western portion of the property to confirm BTEX (benzene, toluene, ethylbenzene, xylene) concentrations previously discovered by ATC Associates in 2004. GP-13 (4-6') had BTEX concentrations below RISC RDCLs. Laboratory analysis for soil borings GP-5 (6-8'), GP-6 (6-8'), GP-7 (6-8'), GP-9 (6-8'), GP-10 (6-8'), and GP-12 (10-12') revealed several COCs that had concentrations exceeding RISC RDCLs as well as some exceeding RISC IDCLs. Borings GP-5 through GP-13 received temporary one-inch diameter mini-wells placed in the boreholes upon completion of the borings. All water samples from the mini-wells were sent to the laboratory for analysis. GP-5, GP-6, GP-7, GP-9, GP-10, and GP-12 revealed several COCs that had concentrations exceeding RISC RDCLs and RISC IDCLs.

October 2009 Further Site Investigation: In a letter dated March 20, 2009, IDEM requested that the vertical and horizontal extents of the impacted media be further defined. On August 19, 2009, HES advance five off-site soil borings (GP-14 through GP-18) to analyze impaction to the east of the site. All soil sampling intervals submitted for laboratory analysis had COC concentrations below RISC RDCLs. Following completion of the borings, one-inch diameter mini-wells were inserted into borings GP-14 through GP-18 to collect a grab groundwater sample for analysis. Laboratory analysis for off-site borings GP-14, GP-15 and GP-17 were below RISC RDCLs for all COCs. GP-16, located in the adjacent residence's front yard had

levels above the RISC RDCL for MTBE at 297 ppb. GP-18, positioned at the rear of the home near the sewer line, had values above RDCLs for benzene (38.4 ppb) and MTBE (161 ppb).

On August 19, 2009, one two-inch diameter monitoring well was installed in the GP-5 location and identified as MW-5, as requested by IDEM. On August 26, 2009, MW-1 through MW-5 was sampled. Laboratory results for on-site wells MW-1 and MW-2 were below RDCLs for all constituents. MW-3 exceeded benzene and naphthalene RDCLs at 7,600 ppb and 55.9 ppb, respectively. MW-4 had 2,040 ppb for benzene, 1,130 ppb ethylbenzene, and 371 ppb for MTBE. The newly installed off-site monitoring well MW-5 also exceeded RDCLs for numerous COCs.

On November 14, 2008, four two-inch diameter groundwater monitoring wells (MW-1 through MW-4) were installed to aid in delineation. On December 11, 2008, a representative sample was collected from each well location for laboratory analysis for the COCs. Analytical results indicate levels below RISC RDCLs in wells MW-1 and MW-2 for all COCs, while MW-3 and MW-4 had values above RISC RDCLs for benzene, ethylbenzene, toluene, methyl-tert-butyl ether (MTBE) and naphthalene.

HES personnel also again conducted a field check to address vapor intrusion of the adjacent property to the east. A PID and a LEL/O2 meter was used to assess the living area and crawl space atmosphere of the adjacent property. All areas evaluated had readings below the detection limits of the instruments. Furthermore, the occupant of the property was questioned, and he reported that he was unaware of any issues concerning air quality in the residence.

2010 Further Site Investigation: In a letter dated January 12, 2010, IDEM requested that the vertical and horizontal extents of the impacted media be further defined. On March 16, 2010, HES advanced three off-site soil borings (GP-19 through GP-21) to better delineate the soil and groundwater impaction to the east and northeast of the release area. Two soil samples from the borings were chosen for BTEX, MTBE and naphthalene analysis. Laboratory analysis from all submitted soil intervals from borings GP-19, GP-20, and GP-21 were below their respective IDEM RISC RDCLs with the exception of the GP-19 10-12 foot interval. This sample was above RDCLs for benzene, MTBE, and naphthalene. Two-inch diameter monitoring wells were installed in the GP-19 and GP-20 boring locations and labeled MW-6 and MW-7, respectively. On March 30, 2010, HES returned to the site and all wells within the monitoring well network were gauged and sampled. On-site wells MW-1 and MW-2 were below IDCLs for all constituents. On-site well MW-3 and MW-4 exceeded IDCLs for benzene. Off-site well MW-5 was above RDCLs for benzene, toluene, ethylbenzene, MTBE and naphthalene. MW-6 was above RDCLs for benzene, toluene, and naphthalene. The newly installed off-site well MW-7 revealed non-detect levels for all sampled COCs. With the submittal of this report, IDEM approved the site characterization delineating the vertical and horizontal extents of the release.

2011 Corrective Action Plan: Vapor intrusion was assessed in the crawl space of the Mason family home on March 23, 2011. Summa air collection canisters were placed in the crawl space

for 24 hours, collected, and sent to ESC, 12065 Lebanon Road, Mt. Juliet, Tennessee for TO-15 (full scan) analysis. Laboratory results for the sampling event revealed concentrations below IDEM's residential sub-chronic and chronic indoor action levels.

HES submitted a Corrective Action Plan Addendum (CAPA) recommending the use of multi-phase extraction (MPE) for the site remediation, since groundwater impaction had migrated off-site and had affected the adjacent residential property to the east of the facility. HES believed that applying hydraulic containment through the use of strategic placed groundwater extraction wells would induce drawdown and direct flow of the plume toward extraction points, thereby containing the plume and preventing it from migrating toward potentially sensitive receptors down-gradient of the release site.

On March 23, 2011, to measure subsurface vacuum influence and groundwater drawdown, HES advanced four (4) one-inch diameter mini-wells to a depth of 12 feet bgs in the vicinity of monitoring well MW-5 at distances of 5, 10, 15, and 20 feet. Monitoring well MW-3 was approximately 30 feet from the extraction well (MW-5) and was utilized for this study.

HES conducted a pilot study utilizing a mobile vacuum truck on March 31, 2011, to determine the feasibility of implementing a remedial system at the site. The study was carried out by withdrawing groundwater and vapors from MW-5 during a 5-hour test period measuring groundwater drawdown and subsurface vacuum influence.

Following submittal of the pilot test results, and following HES response to IDEM questions presenting in a letter from the IDEM dated July 20, 2011, IDEM approved the CAPA on December 21, 2011.

2012 CAPA Implementation: In May 2012, HES began remedial system installation. These activities included discussions and coordination with the adjacent affected residential property owner and the subcontractors regarding the system specifications, design and installation. The installation activities included the advancement of seven groundwater extraction wells (RW-1through RW-7), excavations, utility connections, burial, and concreting over associated piping trenches both on and off-site. On September 28, 2012, the remediation building was delivered to the site and positioned on the Poseyville One Stop Express property. The remedial equipment was preassembled within an 8' x 20' enclosed insulated building. The effluent discharge line was installed after approval of National Pollution Discharge Elimination System (NPDES) general permit (#ING080303).

On October 18, 2012, the system was temporarily started, and influent and effluent water samples were collected. The system was temporarily operated to evaluate flows, radius of influence readings, well statics, etc. The discharged water was routed to a poly tank, pending results of the effluent water samples to ensure the system was properly treating the effluent water prior to discharge. Once the non-detect results were confirmed, the poly tank was pumped to the

discharge point. Adjustments and modifications to the system were made and the system was started on November 13, 2012, for full operation.

On October 4, 2019, HES discovered free product in the existing monitoring well network and sumps during the Q4 2019 quarter groundwater sampling. HES investigated and discovered a faulty leak detector on the 12,000-gallon unleaded gasoline UST was the source of the release. The leak detector was replaced, line and tank tightness testing was performed resulting in a passing result. HES reported the incident and LUST incident number 201910501 was assigned to the new release. HES observed 7.00″ of free product in monitoring well MW-3 and 4.00″ in well MW-5 which was within 5 feet of the adjoining residential home. Free product was also observed in the on-site UST sumps.

IDEM requested that a Paired Vapor Intrusion study be performed on the adjacent off-site residential home (Mason Home). On October 24, 2019, HES installed four (4) exterior soil gas (SGe) vapor probes to evaluate preferential pathways from underground utility trenches. Due to the high-water table near the release area the borings depths for the vapor probes were only advanced to a total depth of 2.5 feet below grade surface (bgs). The paired vapor intrusion study conducted on November 14, 2019 indicated that air from the indoor air and crawl space were below IDEM action levels. Soil gas location SGe1 exceeded soil gas screening levels for BTEX and naphthalene.

In a letter dated January 16, 2020, IDEM requested a Further Site Investigation (FSI) and agreed to restart the dual phase extraction (DPE) system to help mitigate the off-site plume. Before the DPE system could be restarted IDEM issued a letter dated July 9, 2020, approving the site characterization, requested groundwater monitoring but denied the startup of the DPE system. The most current IDEM correspondence is included as **Appendix A**.

1.0 SITE DESCRIPTION

The facility is located in the northeastern portion of the city of Poseyville, Indiana, on the southeast corner of the intersecting streets of Highway 165 and Cynthiana Road (Highway 68). Poseyville One Stop is currently a convenience store that stores and dispenses retail petroleum products to the general public. The site is located on the Poseyville, Indiana 7.5-minute series USGS Quadrangle Map within Township 4 South, Range 12 West, in the southwest corner of the southwest quarter of Section 17. The site is located within Robb Township, Posey County, Indiana. The latitude and longitude coordinates in decimal degrees are 38.171188 and -87.780451, respectively. Commercial property is located to the north, residential and commercial property is located to the south, residential property is located to the east and commercial property is located to the west. North Elementary School is located one half mile to the west. Land use is not expected to change in the future. A Topographical Location Map is included as **Figure 1**. A Site Vicinity Map is included as **Figure 2**. A site map of the subject site and the adjacent properties is included

as **Figure 3**. The site elevation is approximately 429 feet above mean sea level (msl). The surface topography in the vicinity of the site slopes to the northeast.

2.0 FREE PRODUCT RECOVERY

No free product was encountered during this sampling event.

3.0 ACTIVE REMEDIATION SYSTEM INFORMATION

A multi-phase extraction system was installed at the site. The system operated until February 1, 2019, when at that point, IDEM requested the system be shut down. No remediation system is currently in operation at the site.

A Vapor Intrusion Mitigation System was installed in the residence immediately east of the facility. Every quarter, while conducting quarter groundwater sampling, the magnehelic gauge check is conducted along with sampling the crawl space of the residence with a PID.

4.0 SAMPLING METHOD DESCRIPTION

Second Quarter 2024 Groundwater Monitoring was performed at the site on May 20, 2024. Monitoring well locations are included on the site map presented as Figure 3. The depth to groundwater in each well was gauged to 0.01 foot using an oil water interface probe. The probe was decontaminated before collecting measurements from each well by washing the probe and tape in a Liquinox (laboratory detergent)/de-ionized water solution followed by triple-rinse de-ionized water.

The depths to groundwater in the monitoring wells ranged from 1.88 to 4.52 feet. The water table surface elevations ranged from 93.45 to 97.18 feet relative to the temporary benchmark (MW-1). Based on this data, groundwater flow was generally towards the west-northwest. The Water Table Surface Map based on the May 20, 2024, is included as **Figure 4**, and the current groundwater elevation data are summarized in **Table 1**. Historical groundwater elevation data are presented as **Table 2**.

Each groundwater monitoring well was purged of at least three (3) well volumes and then sampled at the surface with a one and one-half (1.5) inch diameter disposal bailer. New bailers and rope were utilized in each well to prevent cross contamination.

The groundwater samples were analyzed for volatile organic compounds (VOCs) by U.S. EPA 8260 Methodology. The groundwater samples were placed in laboratory- supplied, unused sample containers from the analytical laboratory. The groundwater samples were collected in 40-milliliter VOA glass vials with hydrochloric acid with a pH less than 2.0.

All groundwater samples were collected by personnel wearing dedicated, disposable nitrile gloves and using disposable polyethylene bailers. Samples were then placed into pre-labeled preserved 40-mL vials. The groundwater samples were then immediately placed on ice. The samples were completely labeled to identify their location, sample number, date and time of collection. A Chain of Custody document accompanied the samples to the laboratory recording all persons who had possession of the samples from the time of collection until delivery to the laboratory. One duplicate sample from MW-3 and one MS/MSD sample were collected. Additionally, a trip blank was placed in the cooler with the groundwater samples.

All purge and decontamination water was placed in DOT approved 55-gallon drums, sealed and labeled pending pickup and disposal.

The field sampling sheet is included as **Appendix B**. Well construction diagrams for the sampled wells are included in **Appendix C**. Monitoring well locations are presented on **Figure 3**. Groundwater elevations and static water levels are presented in **Table 1**.

5.0 DATA DISCUSSIONS AND RESULTS

The results of the groundwater VOC laboratory analysis is summarized below:

MW-3 exceeds R2 GWPL for Benzene, Naphthalene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1-Methlynaphthalene and 2-Methlynaphthalene.

MW-5 exceeds R2 GWPL for Benzene, Ethylbenzene, Naphthalene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1-Methlynaphthalene and 2-Methlynaphthalene.

MW-9 exceeds R2 GWPL for Benzene, Toluene, Xylenes, Ethylbenzene, Naphthalene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1-Methlynaphthalene and 2-Methlynaphthalene.

MW-10 exceeds R2 GWPL for Benzene, Naphthalene, 1,2,4-Trimethylbenzene, 1-Methlynaphthalene and 2-Methlynaphthalene.

Duplicate (MW-6) exceeds R2 GWPL for Benzene, Naphthalene, 1,2,4-Trimethylbenzene, 1-Methlynaphthalene and 2-Methlynaphthalene.

Contaminant isoconcentration maps are presented as **Figures 5** through **12**.

For the duplicate sample analyses, the relative percent difference (RPD) should be less than twenty-five percent (25%). The duplicate sample concentration was less than twenty-

five percent (25%) RPD for this quarter. The dilution factor was elevated on the numerous analytes from MW-9 due to high levels which increased the detection limits. MW-3 and MW-5 also had elevated detection limits numerous compounds. The trip blank sample was non-detect.

Groundwater laboratory analysis for MW-1 through MW-11 are presented in **Table 3 Groundwater Analytical Summary**, while the laboratory results can be viewed in **Appendix D**. The historic groundwater analytical results are presented in **Table 4 Historic Groundwater Analytical Summary**. Laboratory reports are included as **Appendix E**.

6.0 CONCLUSIONS

Significant concentrations of gasoline hydrocarbon compounds exist on the residential property to the east of the site. Four wells located on the residential property have historically and continue to significantly exceed the R2 GWPL. The Q2 2024 sample laboratory results indicate a significant increase in compound concentrations when compared to Q1 2024 sampling. The fluctuations in compound concentrations may be somewhat related to fluctuations in groundwater elevations. This appears to be the case for MW-9. Q2 2024 groundwater elevations are lower than Q1 2024 groundwater elevations for MW-8 through MW-11.

Trend graphs for each of the compounds are presented in **Appendix F**.

The compound 1,3,5-Trimethylbenzene was detected over laboratory reporting limits in MW-7 (across Vine Street to the east) in Q4 2023 but was not detected in either Q1 2024 or Q2 2024.

Groundwater elevations indicate shallow groundwater with flow to the northeast. Surface topography also indicates surface flow to the northeast. Based on field checks and PID screening, the vapor mitigation system appears to be operating properly. Sampling of the crawl space with PID did not encounter vapors.

HES recommends the following :

- Continue quarterly groundwater monitoring and vapor mitigation system operations check. Additional summer worst case vapor intrusion testing was requested by IDEM and is planned for July 2024.

- Continue summer and winter worst case scenario VI sampling at the adjacent residential property. Additional summer worst case vapor intrusion testing was requested by IDEM and is planned for July 2024.

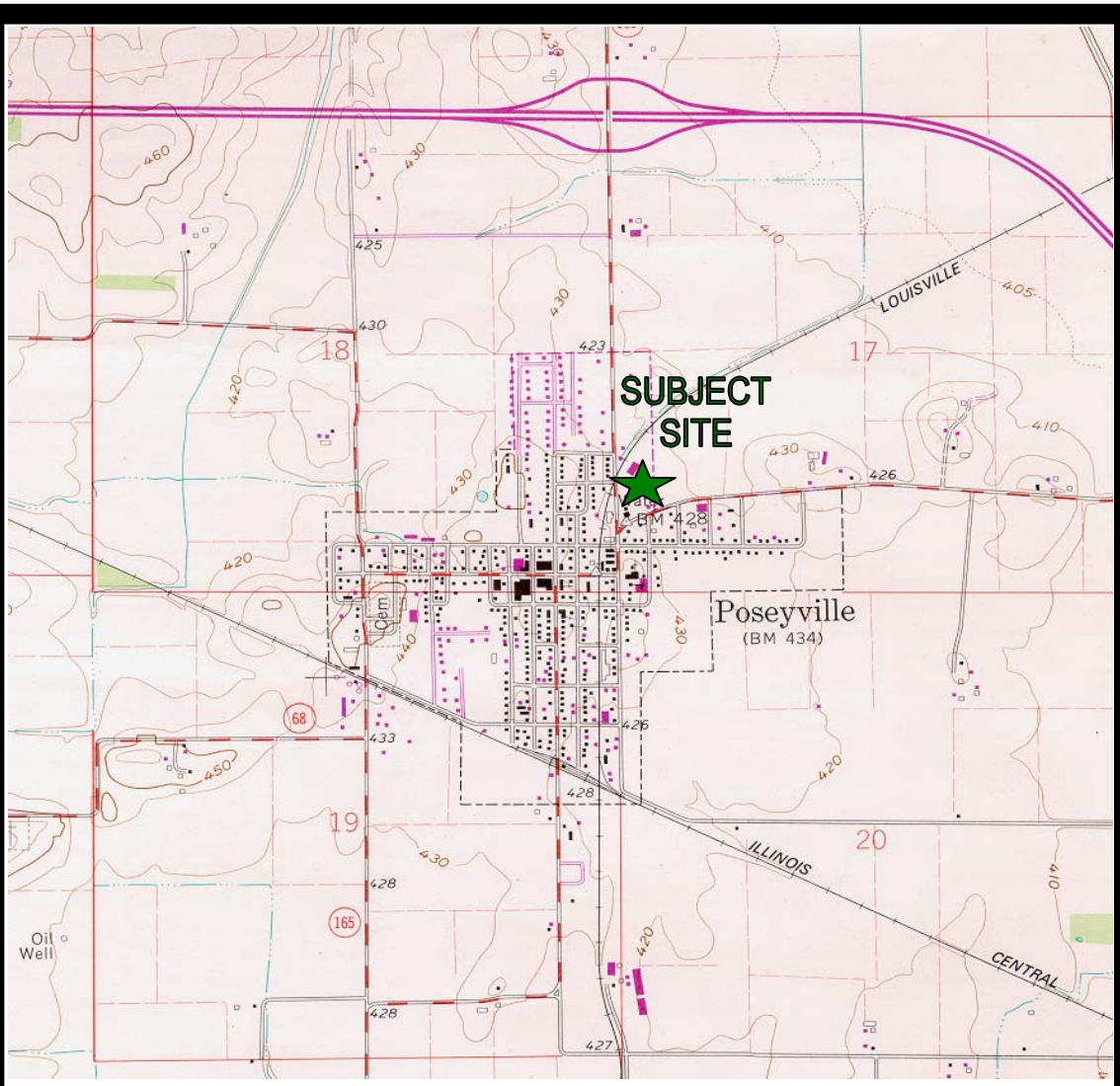
- More fully evaluate the relationship between contaminant concentrations and the season water table fluctuation. The Conceptual Site Model (CSM) should be updated, and this evaluation included.

- Evaluate possible other remediation options/activities for site closure. Based on the concentrations of contaminants in the subsurface of the offsite residential property, natural attenuation is not a viable alternative. Vapor intrusion continues to be a concern.

Respectfully Submitted,
Hinderliter Environmental Services

Jarrod K. Richeson
Senior Project Manager

FIGURES



SCALE 1:24000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS

HINDERLITER ENVIRONMENTAL SERVICES INC.

FIGURE 1

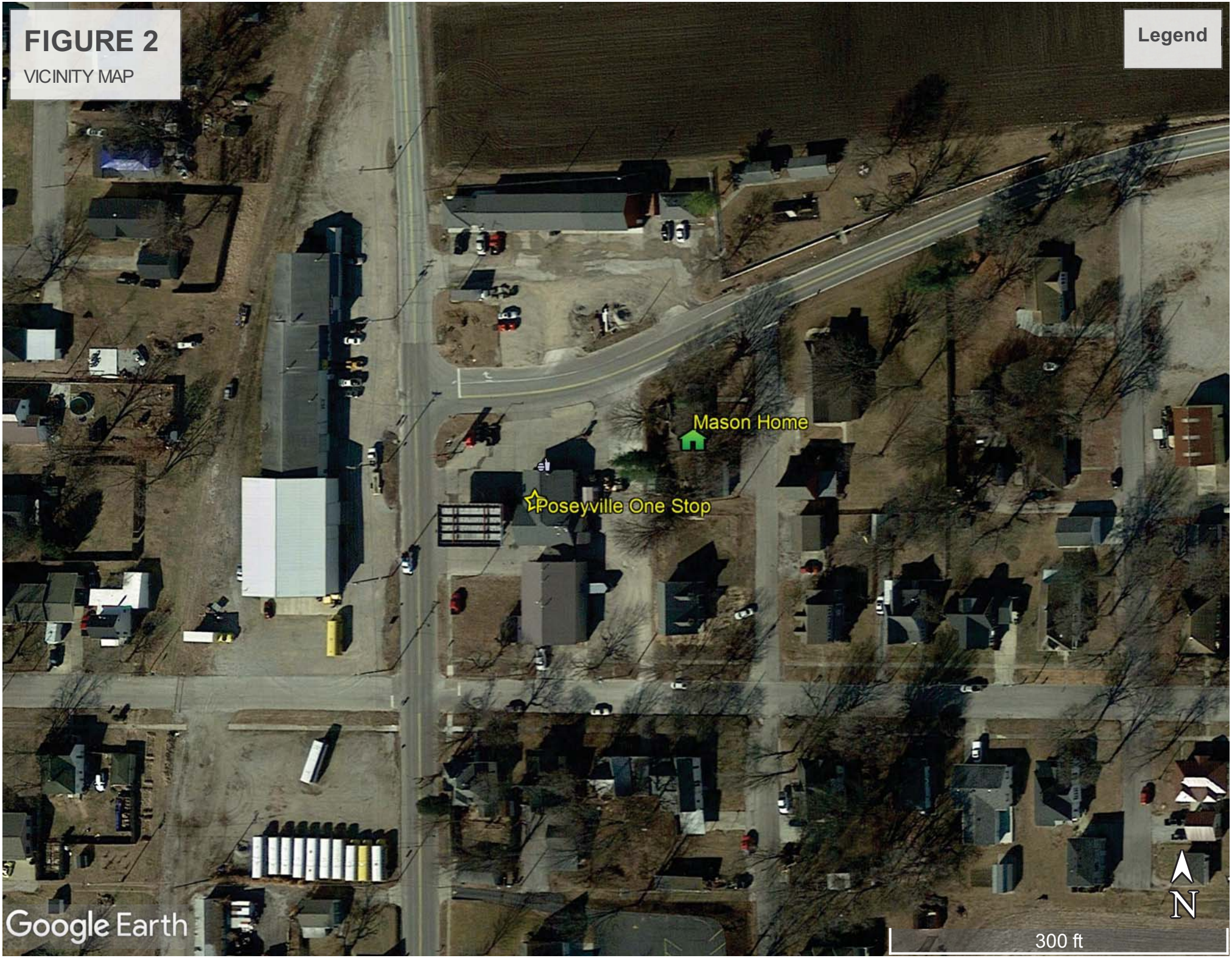
POSEYVILLE ONE STOP
HWY 165 & CYNTHIANA RD.
POSEYVILLE, IN 47633
PROJECT # 2832-F

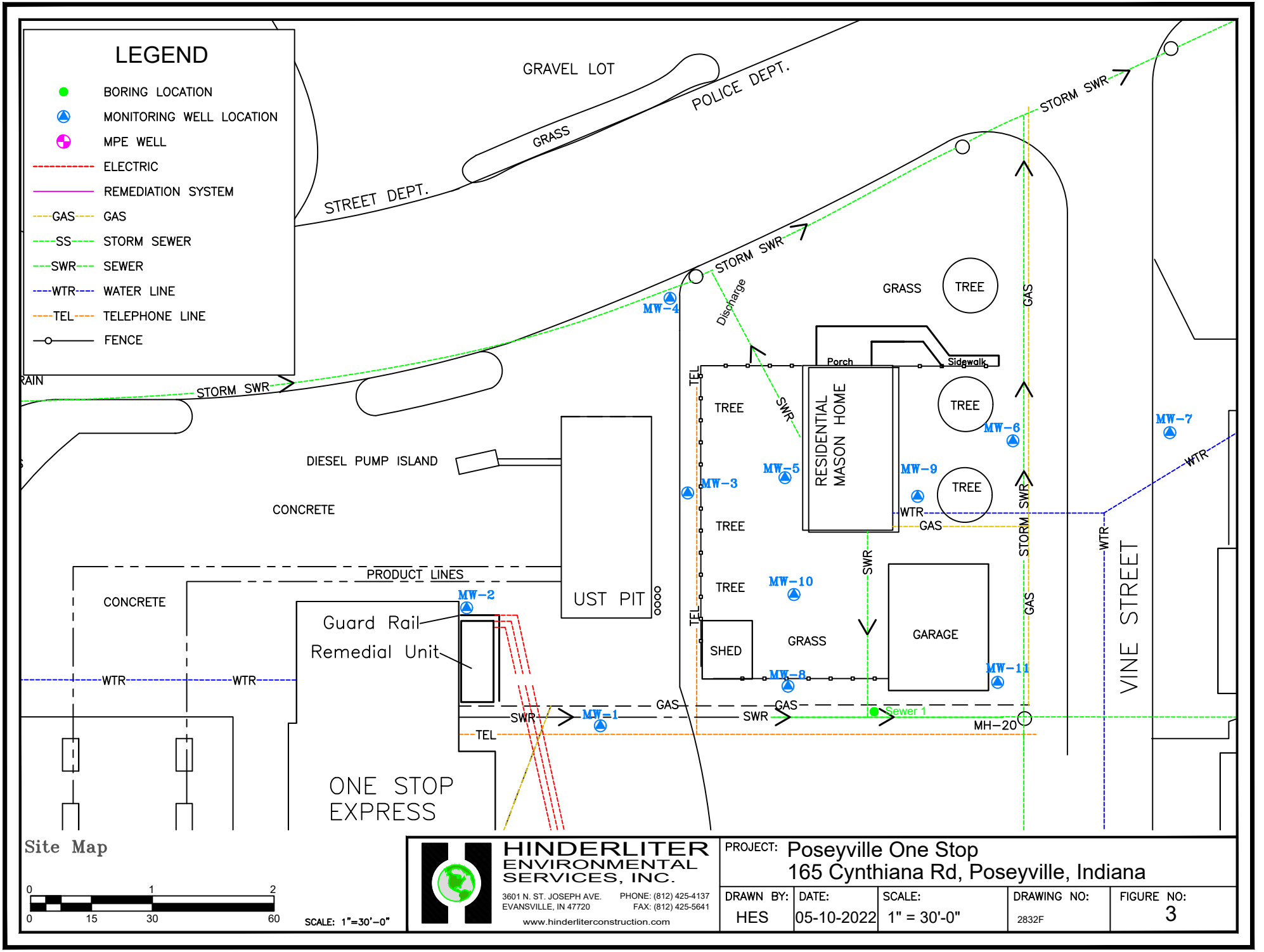
TOPOGRAPHIC MAP

POSEYVILLE, IND. QUADRANGLE
7.5 MINUTE SERIES
U.S. GEOLOGICAL SURVEY 1959 REVISED 1980
SCALE 1:24,000

FIGURE 2

VICINITY MAP





Site Map

0 1 2

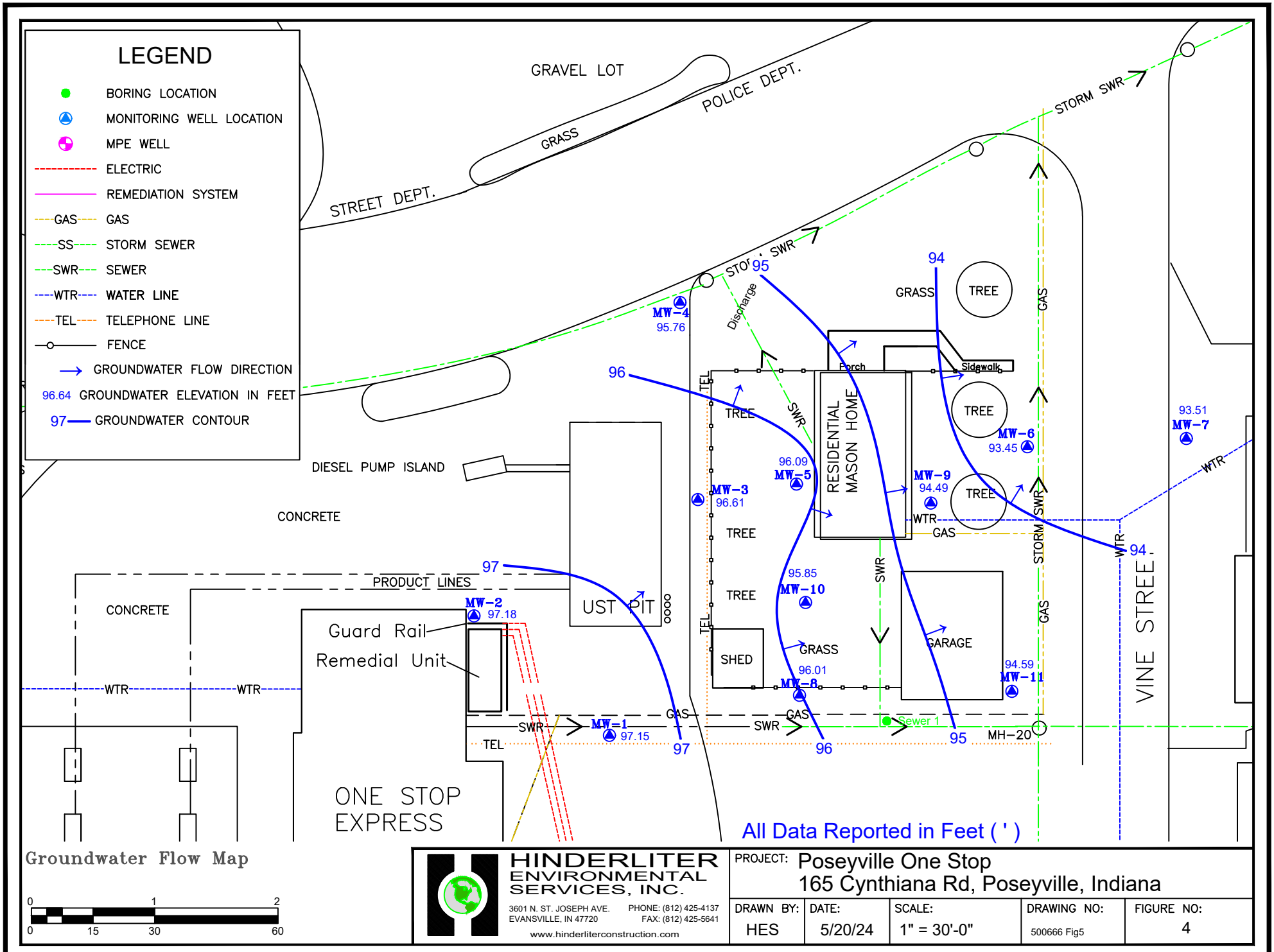
0 15 30 60

SCALE: 1"=30'-0"

HINDERLITER ENVIRONMENTAL SERVICES, INC.
3601 N. ST. JOSEPH AVE. PHONE: (812) 425-4137
EVANSVILLE, IN 47720 FAX: (812) 425-5641
www.hinderliterconstruction.com

PROJECT: Poseyville One Stop
165 Cynthiana Rd, Poseyville, Indiana

DRAWN BY:	DATE:	SCALE:	DRAWING NO:	FIGURE NO:
HES	05-10-2022	1" = 30'-0"	2832F	3



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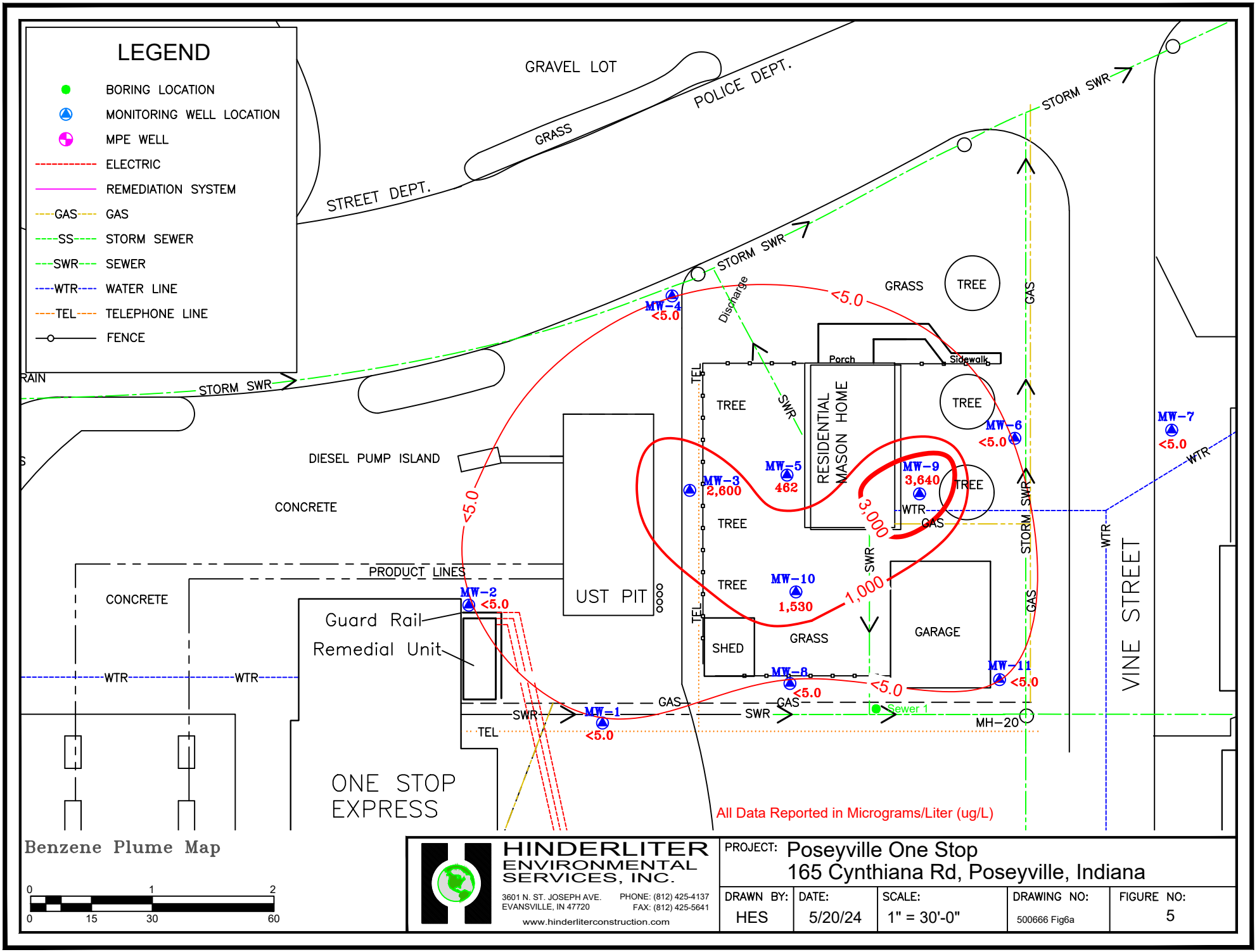
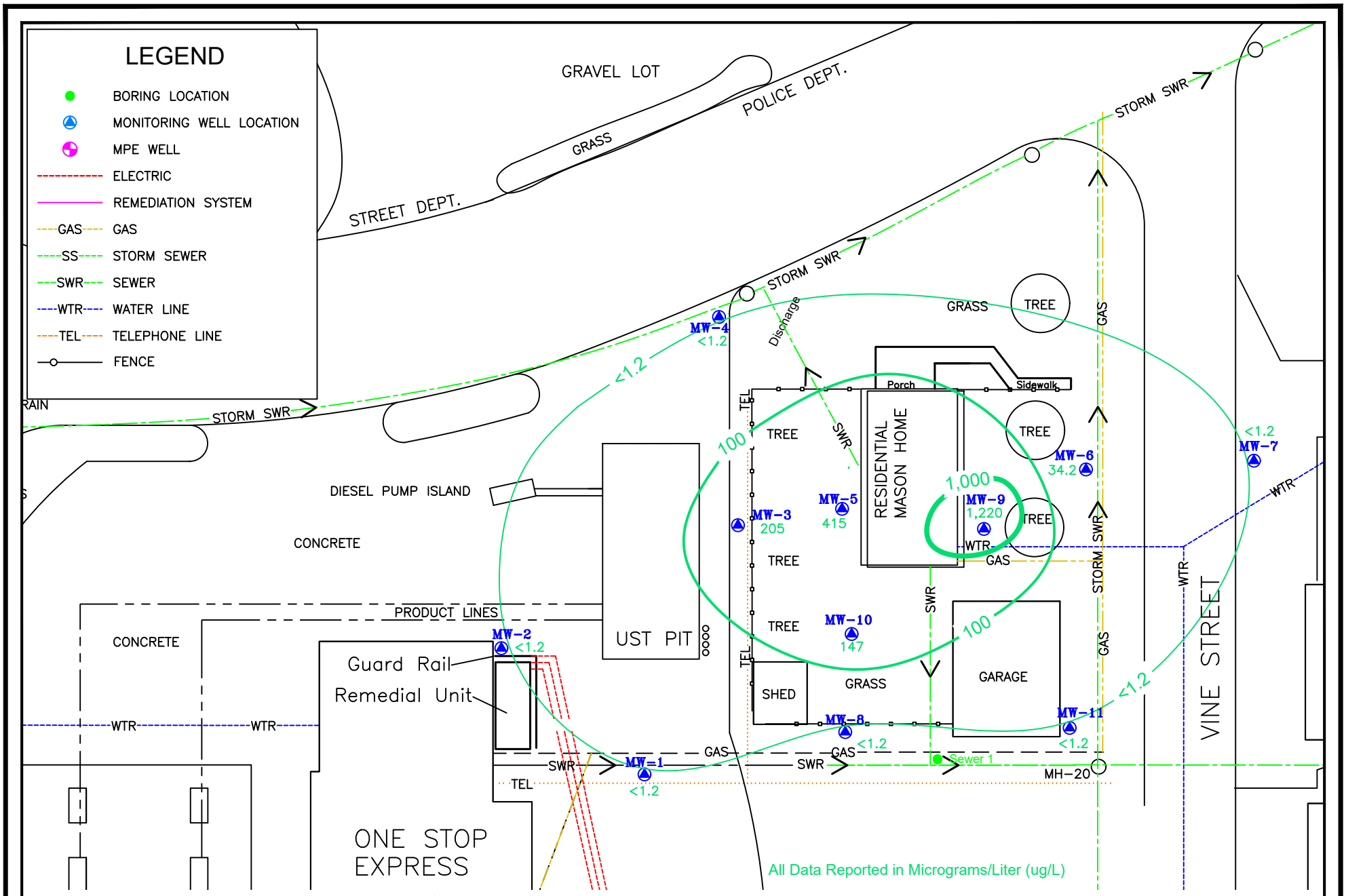
PROJECT: Poseyville One Stop
165 Cynthiana Rd, Poseyville, Indiana

DRAWN BY:	DATE:	SCALE:	DRAWING NO:	FIGURE NO:
HES	5/20/24	1" = 30'-0"	500666 Fig5	4


LEGEND
BORING LOCATION
MONITORING WELL LOCATION
MPE WELL
ELECTRIC
REMEDIATION SYSTEM
GAS
STORM SEWER
SEWER
WATER LINE
TELEPHONE LINE
FENCE
GRAVEL LOT
POLICE DEPT.
GRASS
STREET DEPT.
STORM SWR
RAIN
DIESEL PUMP ISLAND
CONCRETE
PRODUCT LINES
UST PIT
Guard Rail
Remedial Unit
ONE STOP
EXPRESS
WTR
TEL
SWR
GAS
Discharge
Porch
Sidewalk
TREE
RESIDENTIAL
MASON HOME
SHED
GARAGE
Sewer 1
MH-20
VINE STREET
MW-1 <5.0
MW-2 <5.0
MW-3 2,600
MW-4 <5.0
MW-5 462
MW-6 <5.0
MW-7 <5.0
MW-8 <5.0
MW-9 3,640
MW-10 1,530
MW-11 <5.0
<5.0
3,000
1,000
All Data Reported in Micrograms/Liter (ug/L)
Benzene Plume Map
0 1 2
0 15 30 60
HINDERLITER
ENVIRONMENTAL
SERVICES, INC.
3601 N. ST. JOSEPH AVE.
EVANSVILLE, IN 47720
PHONE: (812) 425-4137
FAX: (812) 425-5641
www.hinderliterconstruction.com
PROJECT: Poseyville One Stop
165 Cynthiana Rd, Poseyville, Indiana
DRAWN BY: HES
DATE: 5/20/24
SCALE: 1" = 30'-0"
DRAWING NO: 500666 Fig6a
FIGURE NO: 5



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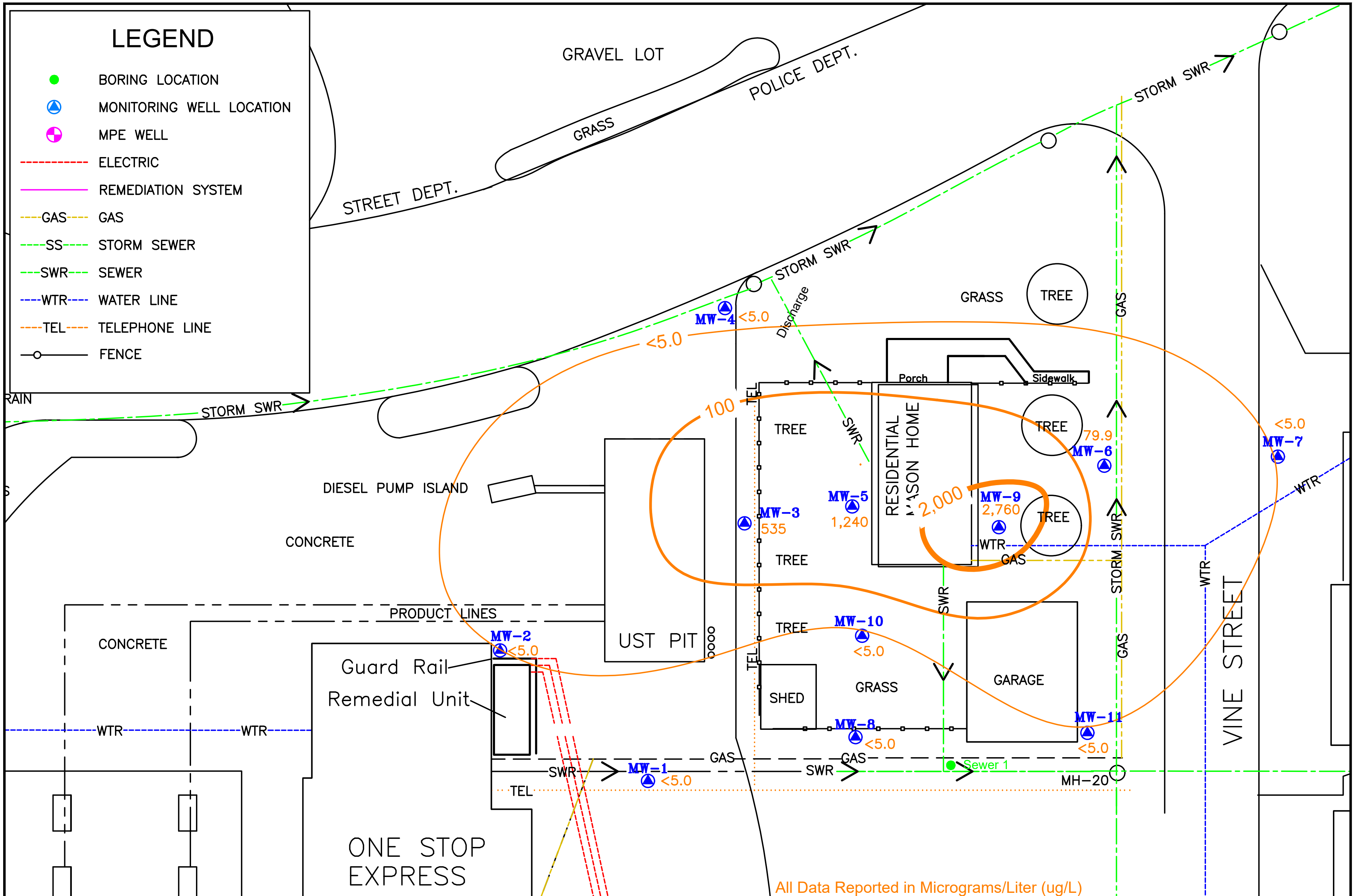
PROJECT: Poseyville One Stop 165 Cynthiana Rd, Poseyville, Indiana				
DRAWN BY:	DATE:	SCALE:	DRAWING NO:	FIGURE NO:
HES	5/20/24	1" = 30'-0"	500666 Fig6b	6



Ethylbenzene Plume Map

0 1 2
0 15 30 60

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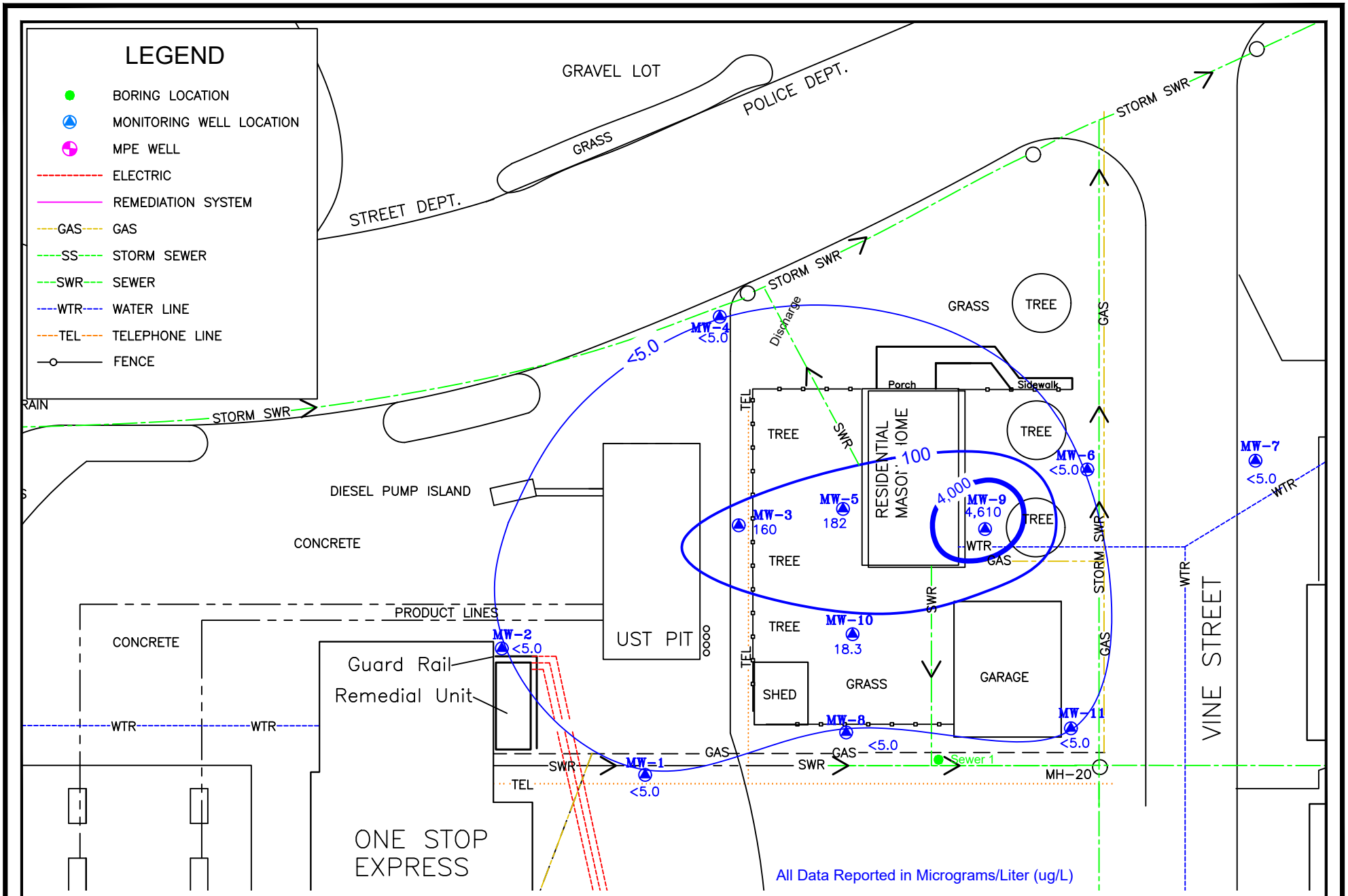
PROJECT:	Poseyville One Stop 165 Cynthiana Rd, Poseyville, Indiana			
DRAWN BY: HES	DATE: 5/20/24	SCALE: 1" = 30'-0"	DRAWING NO: 500666 Fig6d	FIGURE NO: 7



Toluene Plume Map

0 1 2
0 15 30 60

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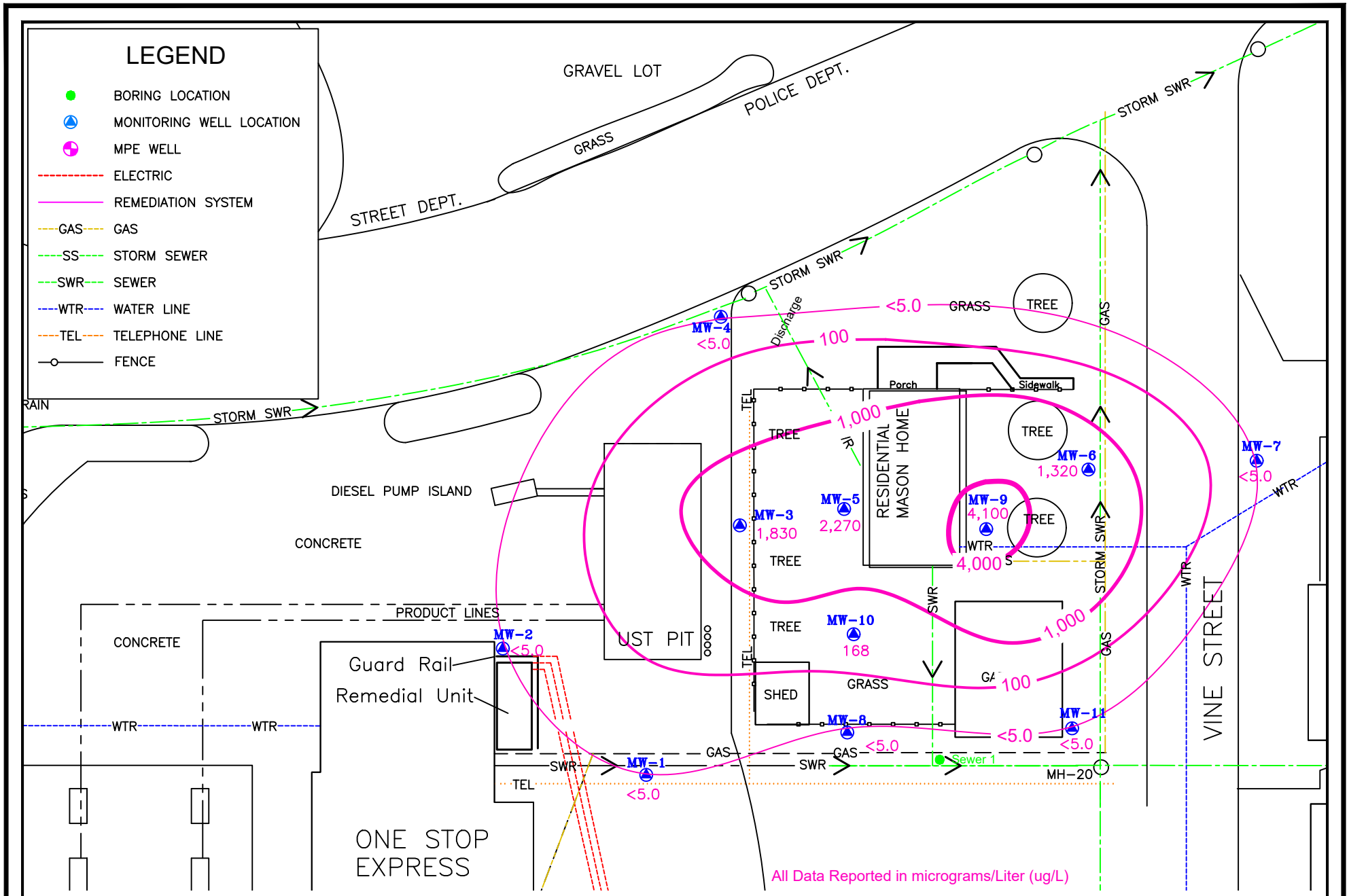
EVANSVILLE, IN 47720
PHONE: (812) 425-4137
FAX: (812) 425-5641
www.hinderliterconstruction.com

PROJECT: Poseyville One Stop 165 Cynthiana Rd, Poseyville, Indiana				
DRAWN BY:	DATE:	SCALE:	DRAWING NO:	FIGURE NO:
HES	5/20/24	1" = 30'-0"	500666 Fig6c	8



124-Trimethylbenzene Plume Map

0 1 2
0 15 30 60

HINDERLITER ENVIRONMENTAL SERVICES, INC.
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PHONE: (812) 425-4137 FAX: (812) 425-5641
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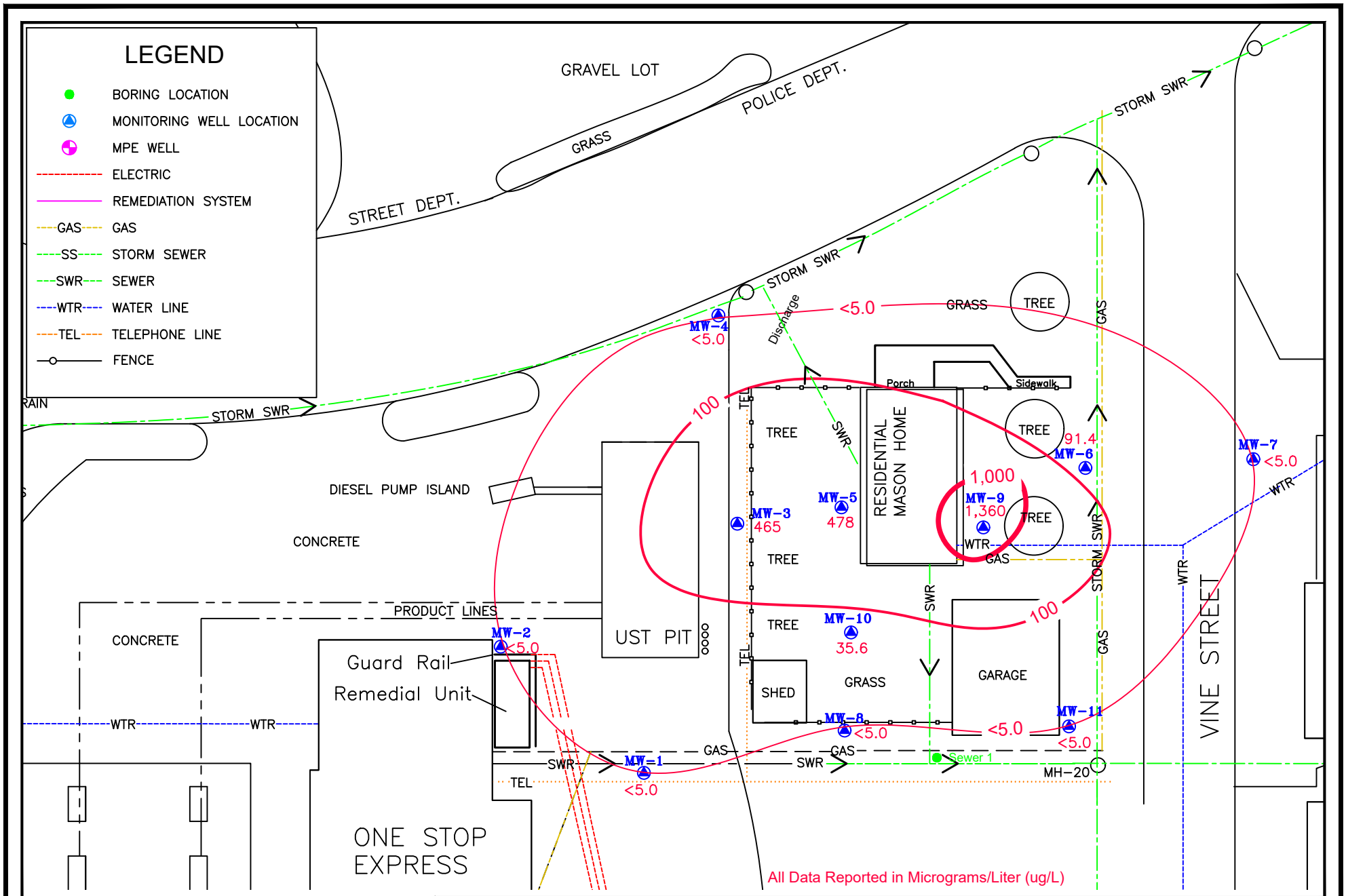
PROJECT: Poseyville One Stop 165 Cynthiana Rd, Poseyville, Indiana				
DRAWN BY:	DATE:	SCALE:	DRAWING NO:	FIGURE NO:
HES	5/20/24	1" = 30'-0"	500666 Fig 6e	9

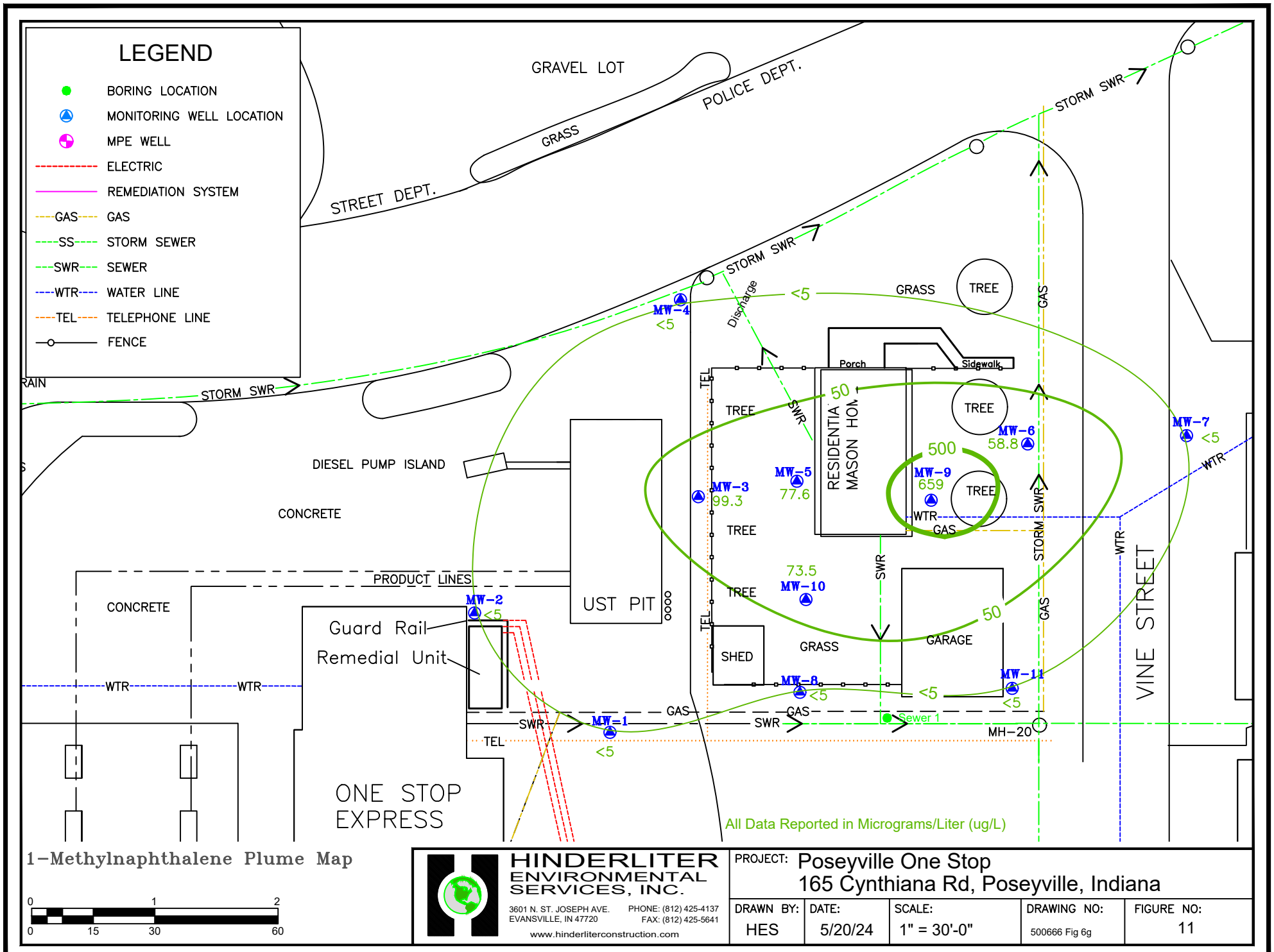


135-Trimethylbenzene Plume Map

0 1 2
0 15 30 60

HINDERLITER ENVIRONMENTAL SERVICES, INC.
3601 N. ST. JOSEPH AVE. EVANSVILLE, IN 47720
PHONE: (812) 425-4137 FAX: (812) 425-5641
www.hinderliterconstruction.com

PROJECT: Poseyville One Stop 165 Cynthiana Rd, Poseyville, Indiana				
DRAWN BY:	DATE:	SCALE:	DRAWING NO:	FIGURE NO:
HES	5/20/24	1" = 30'-0"	500666 Fig 6f	10



1-Methylnaphthalene Plume Map

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3601 N. ST. JOSEPH AVE.
EVANSVILLE, IN 47720
PHONE: (812) 425-4137
FAX: (812) 425-5641
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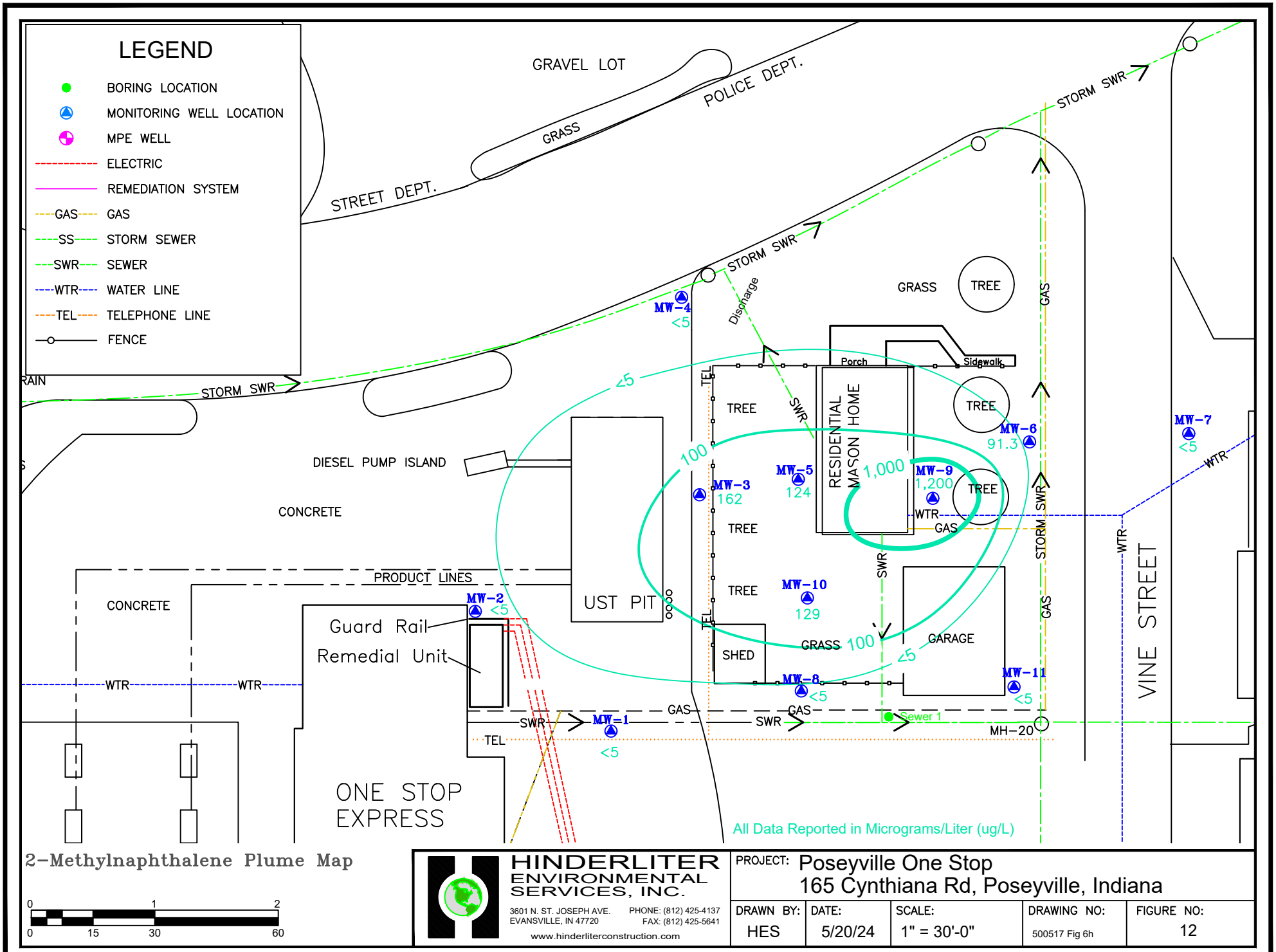
PROJECT: Poseyville One Stop 165 Cynthiana Rd, Poseyville, Indiana				
DRAWN BY:	DATE:	SCALE:	DRAWING NO:	FIGURE NO:
HES	5/20/24	1" = 30'-0"	500666 Fig 6g	11



2-Methylnaphthalene Plume Map

HINDERLITER ENVIRONMENTAL SERVICES, INC.
3601 N. ST. JOSEPH AVE. EVANSVILLE, IN 47720
PHONE: (812) 425-4137 FAX: (812) 425-5641
www.hinderliterconstruction.com

PROJECT: Poseyville One Stop 165 Cynthiana Rd, Poseyville, Indiana				
DRAWN BY:	DATE:	SCALE:	DRAWING NO:	FIGURE NO:
HES	5/20/24	1" = 30'-0"	500517 Fig 6h	12

TABLES

Table 1. Current Groundwater Gauging							
5/20/2024							
	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation	Free Product Thickness	Corrected Groundwater Elevation	Monitoring Well Depth	Monitoring Well Screen Interval
MW-1	100.00	2.85	97.15	0.00	97.15	12	2-11.8
MW-2	100.26	3.08	97.18	0.00	97.18	12	2-11.8
MW-3	99.09	2.48	96.61	0.00	96.61	12	2-11.8
MW-4	97.64	1.88	95.76	0.00	95.76	12	2-11.8
MW-5	99.07	2.98	96.09	0.00	96.09	12	2-11.8
MW-6	97.97	4.52	93.45	0.00	93.45	12	2-11.8
MW-7	97.74	4.23	93.51	0.00	93.51	12	2-11.8
MW-8	99.35	3.34	96.01	0.00	96.01	10	2-10.0
MW-9	98.97	4.48	94.49	0.00	94.49	10	2-10.0
MW-10	98.78	2.93	95.85	0.00	95.85	10	2-10.0
MW-11	98.57	3.98	94.59	0.00	94.59	10	2-10.0

Table 2 Historic Groundwater Gauging and Well Data Summary

All units in feet

	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation	Free Product Thickness	Corrected Groundwater Elevation	Monitoring Well Depth	Monitoring Well Screen Interval
MW-1	12/20/2021	100.00	2.52	97.48	0.00	97.48	12	2-11.8
	2/28/2022		2.31	97.69	0.00	97.69		
	5/10/2022		2.05	97.95	0.00	97.95		
	8/25/2022		3.30	96.70	0.00	96.70		
	10/27/2022		3.95	96.05	0.00	96.05		
	6/7/2023		3.32	96.68	0.00	96.68		
	12/14/2023		4.84	95.16	0.00	95.16		
	2/13/2024		2.65	97.35	0.00	97.35		
	5/20/2024		2.85	97.15	0.00	97.35		
MW-2	12/20/2021	100.26	2.90	97.36	0.00	97.36	12	2-11.8
	2/28/2022		1.81	98.45	0.00	98.45		
	5/10/2022		1.92	98.34	0.00	98.34		
	8/25/2022		3.14	97.12	0.00	97.12		
	10/27/2022		3.70	96.56	0.00	96.56		
	6/7/2023		3.21	97.05	0.00	97.05		
	12/14/2023		4.76	95.50	0.00	95.50		
	2/13/2024		3.19	97.07	0.00	97.07		
	5/20/2024		3.08	97.18	0.00	97.07		
MW-3	12/20/2021	99.09	2.24	96.85	0.00	96.85	12	2-11.8
	2/28/2022		1.12	97.97	0.00	97.97		
	5/10/2022		1.46	97.63	0.00	97.63		
	8/25/2022		2.59	96.50	0.00	96.50		
	10/27/2022		3.53	95.56	0.00	95.56		
	6/7/2023		2.71	96.38	0.00	96.38		
	12/14/2023		4.10	94.99	0.00	94.99		
	2/13/2024		2.45	96.64	0.00	96.64		
	5/20/2024		2.48	96.61	0.00	96.64		
MW-4	12/20/2021	97.64	2.16	95.48	0.00	95.48	12	2-11.8
	2/28/2022		1.58	96.06	0.00	96.06		
	5/10/2022		1.45	96.19	0.00	96.19		
	8/25/2022		2.35	95.29	0.00	95.29		
	10/27/2022		2.90	94.74	0.00	94.74		
	6/7/2023		2.57	95.07	0.00	95.07		
	12/14/2023		3.49	94.15	0.00	94.15		
	2/13/2024		2.67	94.97	0.00	94.97		
	5/20/2024		1.88	95.76	0.00	94.97		
MW-5	12/20/2021	99.07	2.40	96.67	0.00	96.67	12	2-11.8
	2/28/2022		1.22	97.85	0.00	97.85		
	5/10/2022		2.26	96.81	0.00	96.81		
	8/25/2022		3.69	95.38	0.00	95.38		
	10/27/2022		5.18	93.89	0.00	93.89		
	6/7/2023		3.70	95.37	0.00	95.37		
	12/14/2023		5.11	93.96	0.00	93.96		
	2/13/2024		2.28	96.79	0.00	96.79		
	5/20/2024		2.98	96.09	0.00	96.79		
MW-6	12/20/2021	97.97	2.34	95.63	0.00	95.63	12	2-11.8
	2/28/2022		1.87	96.10	0.00	96.10		
	5/10/2022		3.02	94.95	0.00	94.95		
	8/25/2022		4.80	93.17	0.00	93.17		
	10/27/2022		6.27	91.70	0.00	91.70		
	6/7/2023		4.68	93.29	0.00	93.29		
	12/14/2023		6.39	91.58	0.00	91.58		
	2/13/2024		Could Not Guage					
	5/20/2024		4.52	93.45	0.00	93.45		
MW-7	12/20/2021	97.74	3.73	94.01	0.00	94.01	12	2-11.8
	2/28/2022		3.60	94.14	0.00	94.14		
	5/10/2022		3.71	94.03	0.00	94.03		
	8/25/2022		4.72	93.02	0.00	93.02		
	10/27/2022		5.23	92.51	0.00	92.51		
	6/7/2023		NA	NA	NA	NA		
	12/14/2023		5.88	91.86	0.00	91.86		
	2/13/2024		3.95	93.79	0.00	93.79		
	5/20/2024		4.23	93.51	0.00	93.51		
MW-8	12/20/2021	99.35	1.94	97.41	0.00	97.41	10	2-10
	2/28/2022		1.33	98.02	0.00	98.02		
	5/10/2022		2.10	97.25	0.00	97.25		
	8/25/2022		3.63	95.72	0.00	95.72		
	10/27/2022		4.50	94.85	0.00	94.85		
	6/7/2023		3.64	95.71	0.00	95.71		
	12/14/2023		4.70	94.65	0.00	94.65		
	2/13/2024		1.98	97.37	0.00	97.37		
	5/20/2024		3.34	96.01	0.00	97.37		
MW-9	12/20/2021	98.97	2.78	96.19	0.125	96.07	10	2-10
	2/28/2022		1.32	97.65	0.00	97.65		
	5/10/2022		3.01	95.96	0.00	95.96		
	8/25/2022		5.50	93.47	0.00	93.47		
	10/27/2022		7.00	91.97	0.00	91.97		
	6/7/2023		5.73	93.24	0.00	93.24		
	12/14/2023		7.29	91.68	0.00	91.68		
	2/13/2024		2.39	96.58	0.00	96.58		
	5/20/2024		4.48	94.49	0.00	96.58		
MW-10	12/20/2021	98.78	1.77	97.01	0.00	97.01	10	2-10
	2/28/2022		0.50	98.28	0.00	98.28		
	5/10/2022		1.58	97.20	0.00	97.20		
	8/25/2022		3.02	95.76	0.00	95.76		
	10/27/2022		4.64	94.14	0.00	94.14		
	6/7/2023		3.18	95.60	0.00	95.60		
	12/14/2023		4.85	93.93	0.00	93.93		

Table 2 Historic Groundwater Gauging and Well Data Summary

All units in feet

	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation	Free Product Thickness	Corrected Groundwater Elevation	Monitoring Well Depth	Monitoring Well Screen Interval
	2/13/2024		1.81	96.97	0.00	96.97		
	5/20/2024		2.93	95.85	0.00	96.97		
MW-11	12/20/2021	98.57	2.26	96.31	0.00	96.31	10	2-10
	2/28/2022		1.78	96.79	0.00	96.79		
	5/10/2022		2.79	95.78	0.00	95.78		
	8/25/2022		4.10	94.47	0.00	94.47		
	10/27/2022		4.82	93.75	0.00	93.75		
	6/7/2023		4.03	94.54	0.00	94.54		
	12/14/2023		5.58	92.99	0.00	92.99		
	2/13/2024		2.71	95.86	0.00	95.86		
	5/20/2024		3.98	94.59	0.00	95.86		

Table 3 Groundwater Analytical Summary

		Volatile Organic Compounds (VOCs) via EPA 5030/8260															
Sample Identification	**Date Collected**	**Benzene**	**Toluene**	**Ethylbenzene**	**Xylene (Total)**	**Naphthalene**	**1,2,4-Trimethylbenzene**	**1,3,5-Trimethylbenzene**	**1-Methylnaphthalene**	**2-Methylnaphthalene**	**Isopropylbenzene (Cumene)**	**n-Butylbenzene**	**n-Hexane**	**n-Propylbenzene**	**p-Isopropyltoluene**	**sec-Butylbenzene**	**Remaining VOCs**
Duplicate (MW-6)	5/20/2024	< 5	< 5	**78.4**	**54**	**34.6**	**1,310**	**90.5**	**61.5**	**92.9**	**40.9**	**28.3**	**28**	**153**	**20.1**	**16.4**	BRL
MW1	5/20/2024	< 5	< 5	< 5	< 10	< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	BRL
MW2	5/20/2024	< 5	< 5	< 5	< 10	< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	BRL
MW3	5/20/2024	**2,600**	**160**	**535**	**2510**	**205**	**1,830**	**465**	**99.3**	**162**	**179**	**67.6**	**88.4**	**441**	**79.6**	**33.6**	BRL
MW4	5/20/2024	< 5	< 5	< 5	< 10	< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	BRL
MW5	5/20/2024	**462**	**182**	**1,240**	**8,040**	**415**	**2,270**	**478**	**77.6**	**124**	**76.8**	**16.6**	**199**	**362**	**34.7**	**12.7**	BRL
MW6	5/20/2024	< 5	< 5	**79.9**	**53.2**	**34.2**	**1,320**	**91.4**	**58.8**	**91.3**	**42**	**29.2**	**27.8**	**154**	**21.1**	**16.4**	BRL
MW7	5/20/2024	< 5	< 5	< 5	< 10	< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	BRL
MW8	5/20/2024	< 5	< 5	< 5	< 10	< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	BRL
MW9	5/20/2024	**3,640**	**4,610**	**2,760**	**11,490**	**1220**	**4,100**	**1,360**	**659**	**1,200**	**186**	**89.3**	**548**	**584**	**103**	**71.1**	BRL
MW10	5/20/2024	**1,530**	**18.3**	< 5	**1,130**	**147**	**168**	**35.6**	**73.5**	**129**	**46**	**21.3**	**176**	**49**	**50.8**	**12.1**	BRL
MW11	5/20/2024	< 5	< 5	< 5	< 10	< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	BRL
Trip Blank	5/20/2024	< 5	< 5	< 5	< 10	< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	BRL
IDEM R2 GWPL		**5**	**1,000**	**700**	**10,000**	**1**	**60**	**60**	**10**	**40**	**500**	**1,000**	**2,000**	**700**	**NE**	**1,000**	

Notes

BOLD = Constituent detected above Laboratory Reporting Limit

BOLD = Constituent detected above IDEM R2 GWPL

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

NE = No Screening Level Established for Constituent

NA = Sample not Analyzed for Constituent

BRL - Below Laboratory Reporting Limit

IDEM = Indiana Department of Environmental Management

R2 = Risk-Based Closure Guide

GWPL = Groundwater Published Level

Table 4 Historical Groundwater Analytical Summary

	Date	Benzene	Toluene	Ethylbenzene	Xylene (Total)	MTBE	Naphthalene	124-TMB	135-TMB	1-MN	2-MN
TWSLs		5	1,000	700	10,000	140	1.7	56	60	11	36
MW-3	December 2021	**941**	**4000J**	**989**	<15.0	<4.0	**198**	**1240**	**279**	**58.4**	**76.1**
	February 2022	**563**	**6120**	**977**	7720	<4.0	**279**	**2090**	**418**	**68.1**	**87.5**
	May 2021	**766**	**2460**	**833**	4800	<40.1	**175**	**1160**	**258**	<100	<100
	August 2022	**826**	92.6	198	571	<40.0	**51.6**	**211**	<50.0	<100	<100
	October 2022	**876**	116	165	577	<40.0	**57.6**	**233**	**112**	<100	<100
	June 2023	**442**	154	577	5660	<4.0	**133**	**719**	**159**	**30.6**	**41.6**
	December 2023	**1900**	16.2	143	179	<4.0	**57.2**	**159**	**60.7**	**41.3**	**39.2**
	February 2024	**405**	114	154	1200	<4.0	**59.9**	**623**	**142**	**30.8**	**39.1**
	May 2024	**2600**	160	535	2510	<5.0	**205**	**1830**	**465**	**99.3**	**162**
MW-4	December 2021	<5.0	<5.0	<5.0	<15.0	<4.0	<5.0	<5.0	<5.0	<10	<10
	February 2022	4.9	4.9	4.9	9.9	3.9	1.1	4.9	4.9	9.9	9.9
	May 2022	<5.0	<5.0	<5.0	<10.0	<4.0	<1.2	<5.0	<5.0	<10.0	<10.0
	August 2022	<5.0	<5.0	<5.0	<10.0	<4.0	<1.2	<5.0	<5.0	<10.0	<10.0
	October 2022	<5.0	<5.0	<5.0	<10.0	<4.0	<1.2	<5.0	<5.0	<10.0	<10.0
	June 2023	<5.0	<5.0	<5.0	<10.0	<4.0	<1.2	<5.0	<5.0	<10.0	<10.0
	December 2023	<5.0	<5.0	<5.0	<10.0	<4.0	<1.2	<5.0	<5.0	<10.0	<10.0
	February 2024	<5.0	<5.0	<5.0	<10.0	<4.0	<1.2	<5.0	<5.0	<10.0	<10.0
	May 2024	<5.0	<5.0	<5.0	<10.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0
MW-5	December 2021	**639**	**2750**	604	4340	<4.0	**127**	**921**	**231**	<100	<100
	February 2022	**<50**	70.1	61.9	537	39	**20.7**	**227**	54.9	**99**	**99**
	May 2022	**190**	**4100**	687	4680	<40.0	**120**	**762**	**172**	<100	<100
	August 2022	**1000**	**2990**	**759**	4170	<40.0	**102**	**715**	**155**	<100	<100
	October 2022	**554**	**774**	330	2090	<40.0	**35.3**	**471**	**112**	<100	<100
	June 2023	**442**	154	577	5660	<4.0	**133**	**719**	**159**	**30.6**	**41.6**
	December 2023	**388**	210	425	3110	<4.0	**130**	**836**	**219**	**52.3**	**69.2**
	February 2024	**59.4**	72.8	91.2	1100	<4.0	**35.6**	**348**	**82.7**	**11.1**	**15.1**
	May 2024	**462**	182	**1240**	8040	<5.0	**415**	**2270**	**478**	**77.6**	**124**
MW-6	December 2021	**11.1**	<5.0	106	173	<4.0	**36.4**	**305**	50.3	**17.2**	15.5
	February 2022	4.9	4.9	4.9	9.9	3.9	**1.1**	5.4	4.9	9.9	9.9
	May 2022	**28.5**	<5.0	163	493	<4.0	**74.7**	**528**	**90.2**	**12.4**	<10.0
	August 2022	**10.5**	<5.0	45	87.3	<4.0	**30.5**	**418**	**16.1**	**17.9**	<10.0
	October 2022	**7.3**	<5.0	84.8	71.5	<4.0	**36.7**	**473**	24.4	**22.1**	12.9
	June 2023	**13.8**	<5.0	56.1	91.7	<4.0	**45.3**	**393**	28.7	**25.2**	9.2
	December 2023	4.2	<5.0	324	240	<4.0	**153**	**1410**	**187**	**103**	**170**
	February 2024	Could Not Sample									
	May 2024	<5.0	<5.0	79.9	53.2	<5.0	**34.2**	**1320**	**91.4**	**58.8**	**91.3**
MW-9	December 2021	**7180**	**12200**	**1650**	**14700**	<4.0	**370**	**2600**	**665**	<100	**124**
	February 2022	**1260**	394	49	6250	39	**121**	**1260**	**336**	**99**	**99**
	May 2022	**4010**	**2980**	**960**	6920	<40.1	**215**	**1640**	**452**	<100	<100
	August 2022	**4810**	**1700**	**2020**	1300	<40.0	**380**	**2630**	**642**	<100	110
	October 2022	**5770**	**1430**	**2090**	**11200**	<400	**376**	**2580**	**586**	<1000	<1000
	June 2023	**2690**	335	**1410**	6920	<4.0	**310**	**2060**	**549**	**68.6**	**112**
	December 2023	**5710**	**10300**	**7430**	**37400**	<4.0	**1120**	**17600**	**1740**	**369**	**716**
	February 2024	**2880**	**4880**	**1440**	**9830**	<4.0	**400**	**2370**	**577**	**105**	**157**
	May 2024	**3640**	**4610**	**2760**	**11490**	<5.0	**1220**	**4100**	**1360**	**659**	**1200**
MW-10	December 2021	**3950**	**7560**	**1360**	7800	<4.0	**252**	**1810**	**365**	<100	<100
	February 2022	**1150**	394	**1150**	1880	39	**78.2**	**719**	**172**	**99**	**99**
	May 2022	**1980**	320	242	3710	<20.1	**176**	**1100**	**225**	<50.1	**50**
	August 2022	**2090**	206	52.8	1360	<20.0	**165**	**393**	**66.4**	<50	**61.5**
	October 2022	**3110**	**1580**	500	3910	<20.0	**268**	**1280**	**236**	**56.5**	**88.1**
	June 2023	**1390**	20.7	4.1	174	<4.0	**174**	**102**	**16.5**	**42.3**	**66.8**
	December 2023	**1960**	413	74.8	2410	<4.0	**313**	**912**	**290**	**122**	**182**
	February 2024	**592**	38	61.3	1180	<4.0	**70.7**	**426**	**118**	**25.1**	**30.7**
	May 2024	**1530**	18.3	<5	1130	<5.0	**147**	**168**	**35.6**	**73.5**	**129**

XXXX Indicates Compound Exceeds R2 Groundwater Published Limits

APPENDICES

APPENDIX A

IDEM CORRESPONDENCE

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

April 12, 2023

VIA ELECTRONIC MAIL

Mr. Kim Higginson
One Stop Development, Inc.
P.O. Box 537
Poseyville, Indiana 47633
onestopexpress@gmail.com

Re: **Quarterly Monitoring Report Review and Vapor Sampling Request**
Poseyville One Stop Express
165 East Cynthiana Road
Poseyville, Indiana 47633
Posey County
Facility ID #9535
Incident #201910501

Dear Mr. Higginson:

IDEM staff reviewed the file pertaining to a release of petroleum product for the Poseyville One Stop Express facility located at 165 East Cynthiana Road in Poseyville, Indiana (the Site). The following document was reviewed:

- 4th Quarter 2022 Quarterly Monitoring Report, prepared by Hinderliter Environmental Services, dated February 2, 2023 (Virtual File Cabinet #83350377).

Based on the information provided in the report, the plume does not appear to be expanding, driving release related chemicals (RRCs) are decreasing or exhibiting no significant increases, are within a range that is typically controlled by natural attenuation, and the presence of free product is sporadic with limited distribution. Regarding the vapor management system installed on the residence located at 90 East Cynthiana Road, IDEM finds the inspection results are acceptable and consistent with previous findings.

To update the incident conceptual site model and to further evaluate plume stability IDEM requests the following:

1. Conduct a sub vapor barrier sampling event at the residence located at 90 East Cynthiana Road in Poseyville. To ensure the sample is collected during

equilibrium conditions, the vapor management system must be turned off for a minimum of 30 days prior to sample collection. IDEM requests the system be turned back on after the sample is collected. The sampling event should be conducted during worst case conditions as defined by the IDEM Risk-based Closure Guide (R2, Waste #0046-R2). A report documenting this sampling event must be submitted to IDEM no later than August 15, 2023.

2. Continue to conduct and report quarterly vapor system operation and maintenance activity.

3. Continue to conduct and report quarterly groundwater monitoring events.

4. Remove data that was collected prior to the reporting of incident #201910501 from trend graphs provided in future reports. October 4th, 2019

5. Include the 3rd quarter 2021 groundwater analytical results in future document submittals. The Groundwater Data Summary Table (Appendix B), the Most Recent Eight Quarters Data Summary Table (Appendix C), and the Trend Data Graphs (Appendix D) provided in the 4th quarter 2022 Groundwater Monitoring Report do not include the requested information.

The above requested vapor sampling event and reporting must be consistent with the IDEM Risk-based Closure Guide (R2, Waste #0046-R2) and the Petroleum Remediation Program Guide (PRPG, Waste-0082). These non-rule policy documents are available at www.in.gov/idem/tanks/2329.htm.

IDEM is currently requesting Petroleum Remediation Section (PRS) correspondence, reports, and related documents under 15 MB be submitted electronically to: LeakingUST@IDEM.in.gov. Electronic submittal directly to the PRS email inbox will streamline the documents distribution and help facilitate quicker document review times. Paper copies and CDs are no longer necessary as previously required in OLQ Document Submittal Guidelines.

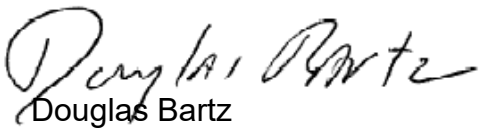
Please label the email and attached documents as directed below:

- Email Subject Line: REPORT NAME (ie. 1Q 2020 QMR, ISC, FSI, etc.)_FID (insert number)_LUST (insert number)_DATE (yyyymmdd)
- Document/File Name: REPORT NAME (ie. 1Q 2020 QMR, ISC, FSI, etc.)_FID (insert number)_LUST (insert number)_DATE (yyyymmdd)

For more information regarding document and data submittal guidelines, sampling and analysis requirements or technical information, visit the LUST Home page at www.in.gov/idem/tanks/2333.htm or contact the site project manager.

If you should have any questions, please do not hesitate to contact me at 317-695-6170 or toll free from within Indiana at (800) 451-6027. I can also be reached at: dbartz@idem.IN.gov.

Sincerely,



Douglas Bartz
Senior Environmental Project Manager
Petroleum Remediation Section
Petroleum Branch
Office of Land Quality

ecopy: IDEM File
Mr. and Mrs. Carl Mason
Mr. Jarrod Richeson, Project Manager, Hinderliter Environmental Services

BARTZ, DOUG

From: BARTZ, DOUG
Sent: Tuesday, April 23, 2024 12:58 PM
To: onestopexpress@gmail.com
Cc: Jarrod Richeson; mphillips@hes-enviro.com; dmelloy@hes-enviro.com
Subject: Poseyville One Stop Express, FID 9535, Incident 201910501

Mr. Higginson,

IDEM staff reviewed the file pertaining to a release of petroleum product for the Poseyville One Stop Express facility located at 165 East Cynthiana Road in Poseyville, Indiana (the Site). The following document was reviewed:

- 4th Quarter 2023 Quarterly Monitoring Report, prepared by Hinderliter Environmental Services, dated February 2, 2023 (Virtual File Cabinet #83593641).

Comments and Requests are listed below:

1. Groundwater was last sampled in December 2023. Numerous release related chemicals remain in groundwater in both on and off facility property wells with the highest benzene concentration of 5,710 micrograms per liter reported in groundwater monitoring well MW-9, which is on the residential property located downgradient of the facility at 90 East Cynthiana Rd.
2. As a precautionary measure, a vapor mitigation system was installed on the 90 East Cynthiana Rd house in October of 2021. In December of 2021, confirmatory indoor air and crawlspace vapor samples were all below IDEM residential published levels.
3. IDEM requests that a system-on indoor-air vapor sampling event be conducted on the house located 90 East Cynthiana Rd house during summer worst case conditions. The concurrent collection of soil gas samples from locations north, east, west, and south of the house are also requested.

A report documenting the above requested sampling event must be submitted to IDEM no later than May 30, 2024. If you should have any questions, please do not hesitate to call, or email.

Sincerely,

Douglas Bartz
Senior Environmental Manager
Petroleum Remediation Section
Petroleum Branch | Office of Land Quality
Indiana Department of Environmental Management

(317) 695-6170 | dbartz@idem.IN.gov

APPENDIX B

FIELD SAMPLING SHEET

Site: One Stop Express **Job #:** 500786

Date: May 20, 2024 **Sampler: SBS**

Well ID	Static	Bottom	3 Well Volumes	Purge Time	Sample Time	Description	
MW-1	2.85	12	4.1175	8:58	10:18	cloudy,no sheen,no odor	
MW-2	3.08	12	4.014	9:07	10:23	clear to cloudy,no sheen,no odor	
MW-3	2.48	12	4.284	9:16	10:28	clear,slight odor,sheen	
MW-4	1.88	12	4.554	9:26	10:33	clear,slight odor,sheen	MS
MW-5	2.98	12	4.059	9:33	10:39	clear to brown, no sheen, no odor	
MW-6	4.52	12	3.366	9:39	10:45	brown,no sheen,no odor	DUP
MW-7	4.23	12	3.4965	9:46	10:53	clear,no sheen, no odor	
MW-8	3.34	10	2.997	9:52	10:59	clear to grey,no sheen, odor	
MW-9	4.48	10	2.484	9:58	11:07	clear to grey,no sheen, odor	
MW-10	2.93	10	3.1815	10:06	11:12	clear to grey, no sheen no odor	
MW-11	3.98	10	2.709	10:15	11:18	clear to brown,no sheen no odor	

(Bottom Depth - Static) * (.15) = One Well Volume
(One Well Volume) * 3 = Amount to be purged
.15 is the constant used with 2" wells

Location	PID Reading (PPM)	Sample Time	Delta P (Flow)
Manometer	<1.0	11:45	2.2
Crawlspace	<1.0	11:50	

APPENDIX C

WELL CONSTRUCTION LOGS

HINDERLITER ENVIRONMENTAL SERVICES

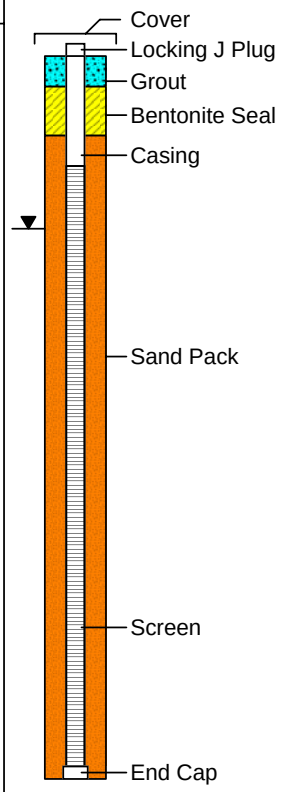
LOG OF WELL MW-1

POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 11/14/08	GWL Depth-	: 3.02'
Date Completed-	: 11/14/08	GWL Date/Time-	: 12/11/08
Driller-	: Hinderliter Environmental	Field Engineer-	: Matt Yancy
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	: Brock Russell
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 12'

Well: MW-1



Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 11/14/08
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK	: #5 Quartz
ANNULUS SEAL	: Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

HINDERLITER ENVIRONMENTAL SERVICES

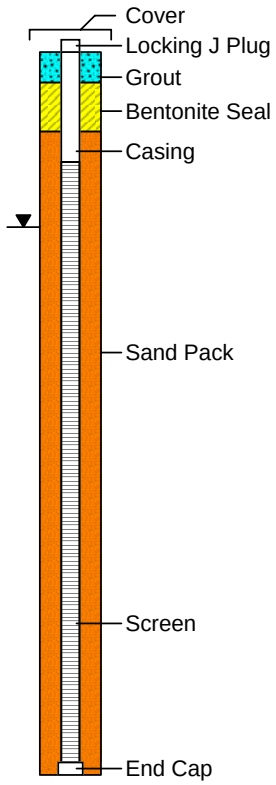
LOG OF WELL MW-2

POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 11/14/08	GWL Depth-	: 3.06'
Date Completed-	: 11/14/08	GWL Date/Time-	: 12/11/08
Driller-	: Hinderliter Environmental	Field Engineer-	: Matt Yancy
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	: Brock Russell
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 12'

Well: MW-2



Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 11/14/08
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK	: #5 Quartz
ANNULUS SEAL	: Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

HINDERLITER ENVIRONMENTAL SERVICES

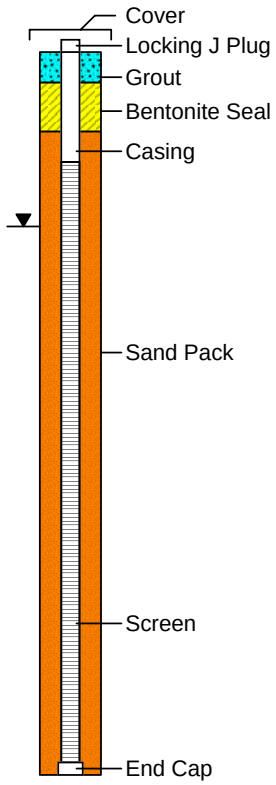
LOG OF WELL MW-3

POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 11/14/08	GWL Depth-	: 3.05'
Date Completed-	: 11/14/08	GWL Date/Time-	: 12/11/08
Driller-	: Hinderliter Environmental	Field Engineer-	: Matt Yancy
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	: Brock Russell
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 12'

Well: MW-3



Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 11/14/08
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK	: #5 Quartz
ANNULUS SEAL	: Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

HINDERLITER ENVIRONMENTAL SERVICES

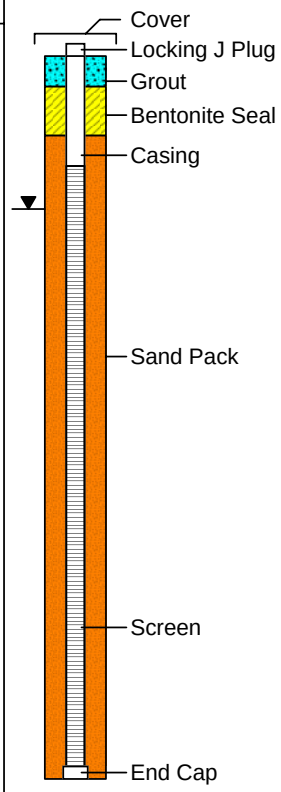
LOG OF WELL MW-4

POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 11/14/08	GWL Depth-	: 2.70'
Date Completed-	: 11/14/08	GWL Date/Time-	: 12/11/08
Driller-	: Hinderliter Environmental	Field Engineer-	: Matt Yancy
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	: Brock Russell
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 12'

Well: MW-4



Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 11/14/08
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK	: #5 Quartz
ANNULUS SEAL	: Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

HINDERLITER ENVIRONMENTAL SERVICES

LOG OF WELL MW-5

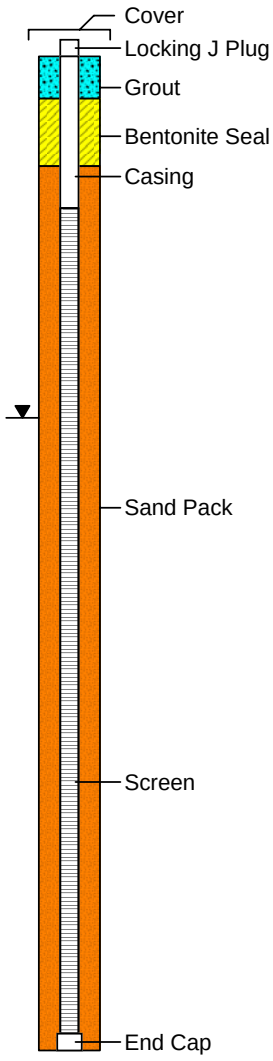
POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 8/19/09	GWL Depth-	: 4.49'
Date Completed-	: 8/19/09	GWL Date/Time-	: 8/26/09
Driller-	: Hinderliter Environmental	Field Engineer-	: Clark Patterson
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	: Matt Yancy
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 12'

Well: MW-5

Depth in Feet	Surf. Elev. 0
0	0
2	-2
4	-4
6	-6
8	-8
10	-10
12	-12
14	-14
16	



Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 8/19/09
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK : #5 Quartz

ANNULUS SEAL : Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

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HINDERLITER ENVIRONMENTAL SERVICES

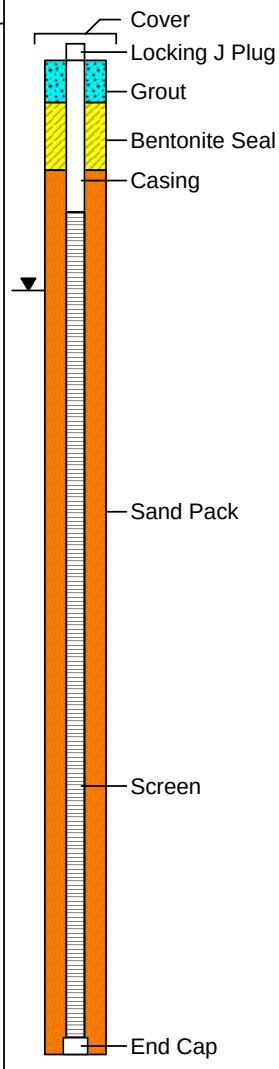
LOG OF WELL MW-6

POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 3/16/10	GWL Depth-	: 2.93'
Date Completed-	: 3/16/10	GWL Date/Time-	: 3/16/10
Driller-	: Hinderliter Environmental	Field Engineer-	: Clark Patterson
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	: Matt Yancy
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 12'

Well: MW-6



Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 3/16/10
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK : #5 Quartz

ANNULUS SEAL : Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

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HINDERLITER ENVIRONMENTAL SERVICES

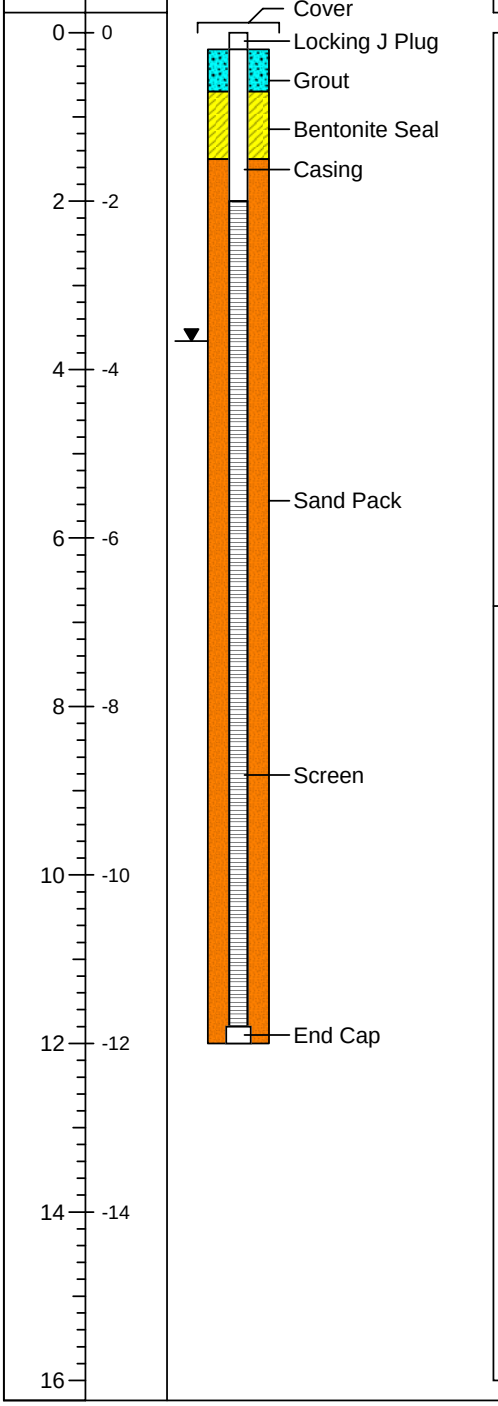
LOG OF WELL MW-7

POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 3/16/10	GWL Depth-	: 3.66'
Date Completed-	: 3/16/10	GWL Date/Time-	: 3/16/10
Driller-	: Hinderliter Environmental	Field Engineer-	: Clark Patterson
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	: Matt Yancy
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 12'

Well: MW-7



Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 3/16/10
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK : #5 Quartz

ANNULUS SEAL : Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

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HINDERLITER
ENVIRONMENTAL SERVICES, INC.

LOG OF WELL MW-8

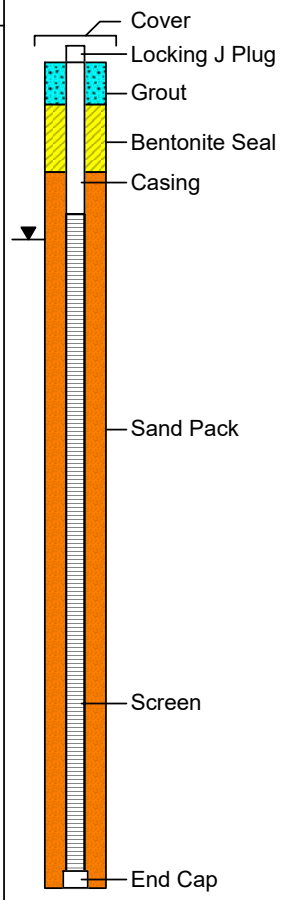
POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 4/2/21	GWL Depth-	: 2.3'
Date Completed-	: 4/2/21	GWL Date/Time-	: 4/6/21
Driller-	: Richardville	Field Engineer-	: Matt Yancy
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	:
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 10'

Depth in Feet | Surf. Elev. 0

Well: MW-8
99.35':



0 — 0
2 — -2
4 — -4
6 — -6
8 — -8
10 — -10
12 — -12
14 — -14
16

Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 4/2/21
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK : #5 Quartz

ANNULUS SEAL : Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

04-15-2021 G:\Logs\2832F One Stop Express\WELLS\MW-8.BOR

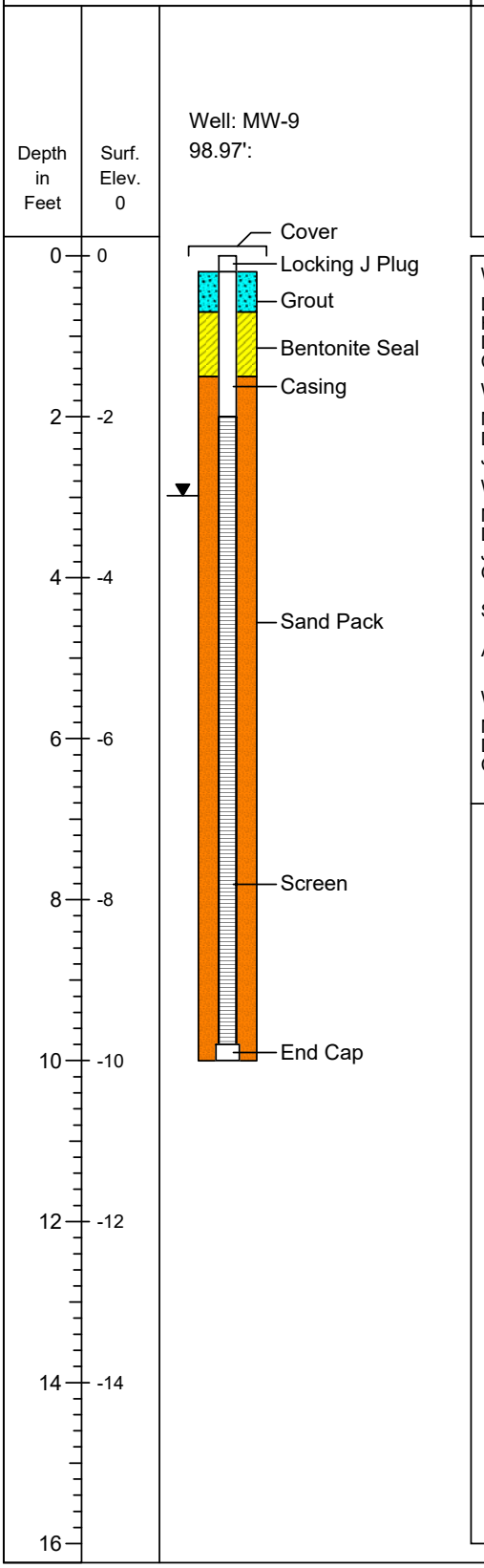
HINDERLITER
ENVIRONMENTAL SERVICES, INC.

LOG OF WELL MW-9

POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 4/2/21	GWL Depth-	: 2.98'
Date Completed-	: 4/2/21	GWL Date/Time-	: 4/6/21
Driller-	: Richardville	Field Engineer-	: Matt Yancy
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	:
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 10'



Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 4/2/21
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK	: #5 Quartz
ANNULUS SEAL	: Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

HINDERLITER
ENVIRONMENTAL SERVICES, INC.

LOG OF WELL MW-10

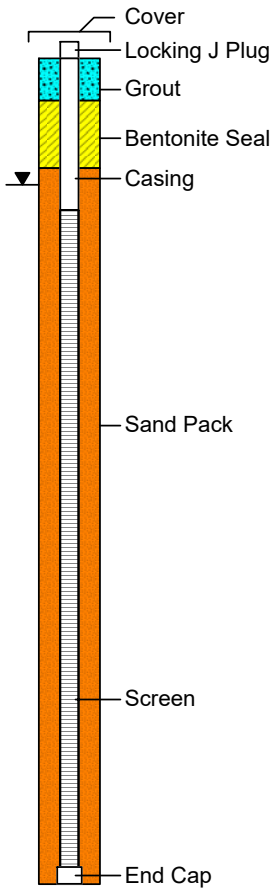
POSEYVILLE ONE STOP EXPRESS
HIGHWAY 165 NORTH
POSEYVILLE, INDIANA

PROJECT # 2832-F

Date Started-	: 4/2/21	GWL Depth-	: 1.7'
Date Completed-	: 4/2/21	GWL Date/Time-	: 4/6/21
Driller-	: Richardville	Field Engineer-	: Matt Yancy
Drill Method-	: 7-5/8" Hollow Stem Auger	Field Engineer-	:
Drill Equipment-	: AMS POWERPROBE 9600	Boring Depth	: 10'

Depth in Feet | Surf. Elev. 0

Well: MW-10
98.78':



0 — 0
2 — -2
4 — -4
6 — -6
8 — -8
10 — -10
12 — -12
14 — -14
16

Well Construction Information

WELL CONSTRUCTION

Date Compl.	: 4/2/21
Hole Diameter	: 7 5/8"
Drill. Method	: H. Stem Auger
Company Rep.	: Hinderliter

WELL CASING

Material	: PVC
Diameter	: 2"
Joints	: Threaded

WELL SCREEN

Material	: PVC
Diameter	: 2"
Joints	: Threaded
Opening	: 10 Slot

SAND PACK : #5 Quartz

ANNULUS SEAL : Bent. Granulars

WELL SCREEN

Material	: PVC
Diameter	: 2"
Cap	: Locking J Plug

APPENDIX D

WASTE DISPOSAL MANIFESTS

(pending pickup and disposal)

APPENDIX E

LABORATORY REPORTS

ENVision Laboratories, Inc.
1439 Sadlier Circle West Drive
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Mr. Jarrod Richeson
Hinderliter Env. Services, Inc.
3601 North Saint Joseph Avenue
Evansville, IN 47720

May 28, 2024

ENVision Project Number: 2024-1074
Client Project Name: Poseyville One Stop

Dear Mr. Richeson,

Please find the attached analytical report for the samples received May 22, 2024. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. ENVision Laboratories looks forward to working with you on your next project.

Yours Sincerely,

David Norris

Client Services Manager
ENVision Laboratories, Inc.

ENVision Laboratories, Inc.
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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052524VW

Client Sample ID: MW 1
Envision Sample Number: 24-6621
Sample Matrix: water

Sample Collection Date/Time: 5/20/24 10:18
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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Analytical Report

8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	100%		
1,2-Dichloroethane-d4 (surrogate)	88%		
Toluene-d8 (surrogate)	107%		
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	5-25-24/13:35		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052524VW

Client Sample ID: MW 2
Envision Sample Number: 24-6622
Sample Matrix: water
Sample Collection Date/Time: 5/20/24 10:23
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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Analytical Report

8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	102%		
1,2-Dichloroethane-d4 (surrogate)	89%		
Toluene-d8 (surrogate)	109%		
4-bromofluorobenzene (surrogate)	110%		
Analysis Date/Time:	5-25-24/13:51		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052524VW

Client Sample ID: MW 3
Envision Sample Number: 24-6623
Sample Matrix: water
Sample Collection Date/Time: 5/20/24 10:28
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	**2,600**	100	2
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	**67.6**	5	
sec-Butylbenzene	**33.6**	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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Analytical Report

8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	**535**	100	2
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	**88.4**	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	**179**	5	
p-Isopropyltoluene	**79.6**	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	**99.3**	5	
2-Methylnaphthalene	**162**	5	
Naphthalene	**205**	1	
n-Propylbenzene	**441**	100	2
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	**160**	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	**1,830**	100	2
1,3,5-Trimethylbenzene	**465**	100	2
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	**1,860**	100	2
Xylene, 0rtho	**646**	100	2
Xylene (Total)	**2,510**	200	
Dibromofluoromethane (surrogate)	90%		
1,2-Dichloroethane-d4 (surrogate)	91%		
Toluene-d8 (surrogate)	112%		
4-bromofluorobenzene (surrogate)	106%		
Analysis Date/Time:	5-25-24/14:07		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052524VW

Client Sample ID: MW 4
Envision Sample Number: 24-6624
Sample Matrix: water
Sample Collection Date/Time: 5/20/24 10:33
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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Analytical Report

8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	99%		
1,2-Dichloroethane-d4 (surrogate)	90%		
Toluene-d8 (surrogate)	109%		
4-bromofluorobenzene (surrogate)	109%		
Analysis Date/Time:	5-25-24/14:39		
Analyst Initials	tjg		

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ENVISION

Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052524VW

Client Sample ID: MW 5
Envision Sample Number: 24-6625
Sample Matrix: water

Sample Collection Date/Time: 5/20/24 10:39
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	**462**	100	2
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	**16.6**	5	
sec-Butylbenzene	**12.7**	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	**1,240**	100	2
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	**199**	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	**76.8**	5	
p-Isopropyltoluene	**34.7**	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	**77.6**	5	
2-Methylnaphthalene	**124**	5	
Naphthalene	**415**	20	2
n-Propylbenzene	**362**	100	2
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	**182**	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	**2,270**	100	2
1,3,5-Trimethylbenzene	**478**	100	2
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	**4,480**	100	2
Xylene, 0rtho	**3,560**	100	2
Xylene (Total)	**8,040**	200	
Dibromofluoromethane (surrogate)	88%		
1,2-Dichloroethane-d4 (surrogate)	89%		
Toluene-d8 (surrogate)	112%		
4-bromofluorobenzene (surrogate)	119%		
Analysis Date/Time:	5-25-24/15:26		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052524VW

Client Sample ID: MW 6
Envision Sample Number: 24-6626
Sample Matrix: water

Sample Collection Date/Time: 5/20/24 10:45
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	**29.2**	5	
sec-Butylbenzene	**16.4**	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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Analytical Report

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Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	**79.9**	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	**27.8**	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	**42.0**	5	
p-Isopropyltoluene	**21.1**	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	**58.8**	5	
2-Methylnaphthalene	**91.3**	5	
Naphthalene	**34.2**	1	
n-Propylbenzene	**154**	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	**1,320**	100	2
1,3,5-Trimethylbenzene	**91.4**	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	**53.2**	5	
Xylene, 0rtho	< 5	5	
Xylene (Total)	**53.2**	10	
Dibromofluoromethane (surrogate)	90%		
1,2-Dichloroethane-d4 (surrogate)	97%		
Toluene-d8 (surrogate)	113%		
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	5-25-24/15:58		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052524VW

Client Sample ID: MW 7
Envision Sample Number: 24-6627
Sample Matrix: water

Sample Collection Date/Time: 5/20/24 10:53
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	95%		
1,2-Dichloroethane-d4 (surrogate)	95%		
Toluene-d8 (surrogate)	111%		
4-bromofluorobenzene (surrogate)	104%		
Analysis Date/Time:	5-25-24/16:29		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052524VW

Client Sample ID: MW 8
Envision Sample Number: 24-6628
Sample Matrix: water
Sample Collection Date/Time: 5/20/24 10:59
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	97%		
1,2-Dichloroethane-d4 (surrogate)	92%		
Toluene-d8 (surrogate)	110%		
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	5-25-24/16:47		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052724VW

Client Sample ID: MW 9
Envision Sample Number: 24-6629
Sample Matrix: water

Sample Collection Date/Time: 5/20/24 11:07
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	**3,640**	100	2
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	**89.3**	5	
sec-Butylbenzene	**71.1**	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	**2,760**	100	2
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	**548**	200	2
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	**186**	5	
p-Isopropyltoluene	**103**	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	**659**	100	2
2-Methylnaphthalene	**1,200**	100	2
Naphthalene	**1,220**	20	2
n-Propylbenzene	**584**	100	2
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	**4,610**	1000	3
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	**4,100**	1000	3
1,3,5-Trimethylbenzene	**1,360**	100	2
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	**7,850**	1000	3
Xylene, 0rtho	**3,640**	1000	3
Xylene (Total)	**11,490**	200	
Dibromofluoromethane (surrogate)	88%		
1,2-Dichloroethane-d4 (surrogate)	99%		
Toluene-d8 (surrogate)	102%		
4-bromofluorobenzene (surrogate)	107%		
Analysis Date/Time:	5-27-24/17:41		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052724VW

Client Sample ID: MW 10
Envision Sample Number: 24-6630
Sample Matrix: water

Sample Collection Date/Time: 5/20/24 11:12
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	**1,530**	100	2
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	**21.3**	5	
sec-Butylbenzene	**12.1**	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	**176**	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	**46.0**	5	
p-Isopropyltoluene	**50.8**	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	**73.5**	5	
2-Methylnaphthalene	**129**	5	
Naphthalene	**147**	1	
n-Propylbenzene	**49.0**	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	**18.3**	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	**168**	5	
1,3,5-Trimethylbenzene	**35.6**	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	**91.4**	5	
Xylene, 0rtho	**1,040**	100	2
Xylene (Total)	**1,130**	105	
Dibromofluoromethane (surrogate)	87%		
1,2-Dichloroethane-d4 (surrogate)	88%		
Toluene-d8 (surrogate)	108%		
4-bromofluorobenzene (surrogate)	103%		
Analysis Date/Time:	5-27-24/18:12		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052724VW

Client Sample ID: MW 11
Envision Sample Number: 24-6631
Sample Matrix: water

Sample Collection Date/Time: 5/20/24 11:18
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	92%		
1,2-Dichloroethane-d4 (surrogate)	94%		
Toluene-d8 (surrogate)	106%		
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	5-27-24/18:44		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052724VW

Client Sample ID: DUP
Envision Sample Number: 24-6632
Sample Matrix: water

Sample Collection Date/Time: 5/20/24
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	**28.3**	5	
sec-Butylbenzene	**16.4**	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	**78.4**	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	**28.0**	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	**40.9**	5	
p-Isopropyltoluene	**20.1**	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	**61.5**	5	
2-Methylnaphthalene	**92.9**	5	
Naphthalene	**34.6**	1	
n-Propylbenzene	**153**	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	**1,310**	100	2
1,3,5-Trimethylbenzene	**90.5**	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	**54.0**	5	
Xylene, 0rtho	< 5	5	
Xylene (Total)	**54.0**	10	
Dibromofluoromethane (surrogate)	91%		
1,2-Dichloroethane-d4 (surrogate)	100%		
Toluene-d8 (surrogate)	105%		
4-bromofluorobenzene (surrogate)	109%		
Analysis Date/Time:	5-27-24/18:59		
Analyst Initials	tjg		

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Analytical Report

Client Name: HINDERLITER ENVIRO. SERV.

Project ID: POSEYVILLE ONE STOP

Client Project Manager: JARROD RICHESON

ENVision Project Number: 2024-1074

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052724VW

Client Sample ID: TRIP BLANK
Envision Sample Number: 24-6633
Sample Matrix: water

Sample Collection Date/Time: 5/20/24
Sample Received Date/Time: 5/22/24 10:00

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	

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8260 continued...

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	94%		
1,2-Dichloroethane-d4 (surrogate)	91%		
Toluene-d8 (surrogate)	102%		
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	5-27-24/20:18		
Analyst Initials	tjg		

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EPA 8260 Quality Control Data

ENVision Batch Number: 052524VW

Method Blank (MB):	MB Results (ug/L)	Rep Lim (ug/L)	Flag
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	

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8260 QC Continued…

Method Blank (MB):	MB Results (ug/L)	Rep Lim (ug/L)	Flag
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	98%		
1,2-Dichloroethane-d4 (surrogate)	89%		
Toluene-d8 (surrogate)	110%		
4-bromofluorobenzene (surrogate)	115%		
Analysis Date/Time:	5-25-24/12:32		
Analyst Initials	tjg		

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8260 QC Continued…

LCS/LCSD	LCS Results (ug/L)	LCS/LCSD Conc. (ug/L)	LCSD Result (ug/L)	LCS Rec.	LCSD Rec.	% D	Flag
Vinyl Chloride	50.2	50	51.3	100%	103%	2.2	
1,1-Dichloroethene	49.7	50	53.8	99%	108%	7.9	
trans-1,2-Dichloroethene	51.6	50	51.1	103%	102%	1.0	
Methyl-tert-butyl-ether	51.4	50	48.9	103%	98%	5.0	
1,1-Dichloroethane	54.9	50	53.3	110%	107%	3.0	
cis-1,2-Dichloroethene	53.5	50	52.6	107%	105%	1.7	
Chloroform	52.6	50	51.0	105%	102%	3.1	
1,1,1-Trichloroethane	52.0	50	50.2	104%	100%	3.5	
Benzene	54.3	50	50.9	109%	102%	6.5	
Trichloroethene	53.1	50	51.1	106%	102%	3.8	
Toluene	54.2	50	51.6	108%	103%	4.9	
1,1,1,2-Tetracholorethane	50.5	50	50.7	101%	101%	0.4	
Chlorobenzene	52.4	50	51.9	105%	104%	1.0	
Ethylbenzene	50.5	50	51.2	101%	102%	1.4	
o-Xylene	50.9	50	52.8	102%	106%	3.7	
n-Propylbenzene	54.1	50	54.4	108%	109%	0.6	
Dibromofluoromethane (surrogate)	102%		99%				
1,2-Dichloroethane-d4 (surrogate)	96%		94%				
Toluene-d8 (surrogate)	104%		102%				
4-bromofluorobenzene (surrogate)	109%		106%				
Analysis Date/Time:	5-25-24/11:44		5-25-24/12:00				
Analyst Initials	tjg		tjg				

Matrix Spike/Matrix Spike Dup:	Sample Results (ug/L)	MS Res (ug/L)	MSD Res (ug/L)	Spk Conc (ug/L)	MS Rec	MSD Rec	% D	Flag
Vinyl Chloride	0.0	48.5	51.7	50	97%	103%	6.4	
1,1-Dichloroethene	0.0	50.6	54.5	50	101%	109%	7.4	
trans-1,2-Dichloroethene	0.0	52.1	52.7	50	104%	105%	1.1	
Methyl-tert-butyl-ether	0.0	46.5	47.2	50	93%	94%	1.5	
1,1-Dichloroethane	0.0	51.9	53.2	50	104%	106%	2.5	
cis-1,2-Dichloroethene	0.0	50.5	54.8	50	101%	110%	8.2	
Chloroform	0.0	49.8	52.0	50	100%	104%	4.3	
1,1,1-Trichloroethane	0.0	49.0	52.2	50	98%	104%	6.3	
Benzene	0.0	51.1	51.9	50	102%	104%	1.6	
Trichloroethene	0.0	51.1	52.8	50	102%	106%	3.3	
Toluene	0.0	51.8	53.3	50	104%	107%	2.9	
1,1,1,2-Tetracholorethane	0.0	49.6	51.2	50	99%	102%	3.2	
Chlorobenzene	0.0	50.7	52.4	50	101%	105%	3.3	
Ethylbenzene	0.0	56.0	50.0	50	112%	100%	11.3	
o-Xylene	0.0	48.5	51.5	50	97%	103%	6.0	
n-Propylbenzene	0.0	52.1	56.0	50	104%	112%	7.2	
Dibromofluoromethane (surrogate)	99%	100%	102%					
1,2-Dichloroethane-d4 (surrogate)	90%	96%	97%					
Toluene-d8 (surrogate)	109%	109%	107%					
4-bromofluorobenzene (surrogate)	109%	103%	101%					
Analysis Date/Time:	5-25-24/14:39	5-25-24/14:55	5-25-24/15:11					
Analyst Initials	tjg	tjg	tjg					
Originial Sample Number Spiked:	24-6624							

ENVision Laboratories, Inc.
1439 Sadlier Circle West Drive
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EPA 8260 Quality Control Data

ENVision Batch Number: 052724VW

Method Blank (MB):	MB Results (ug/L)	Rep Lim (ug/L)	Flag
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	

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8260 QC Continued…

Method Blank (MB):	MB Results (ug/L)	Rep Lim (ug/L)	Flag
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, 0rtho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	92%		
1,2-Dichloroethane-d4 (surrogate)	94%		
Toluene-d8 (surrogate)	100%		
4-bromofluorobenzene (surrogate)	95%		
Analysis Date/Time:	5-27-24/10:07		
Analyst Initials	tjg		

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8260 QC Continued…

LCS/LCSD	LCS Results (ug/L)	LCS/LCSD Conc. (ug/L)	LCSD Result (ug/L)	LCS Rec.	LCSD Rec.	% D	Flag
Vinyl Chloride	49.8	50	52.1	100%	104%	4.5	
1,1-Dichloroethene	50.7	50	53.7	101%	107%	5.7	
trans-1,2-Dichloroethene	51.2	50	50.5	102%	101%	1.4	
Methyl-tert-butyl-ether	52.1	50	52.2	104%	104%	0.2	
1,1-Dichloroethane	50.4	50	50.7	101%	101%	0.6	
cis-1,2-Dichloroethene	50.1	50	50.6	100%	101%	1.0	
Chloroform	50.0	50	52.3	100%	105%	4.5	
1,1,1-Trichloroethane	52.3	50	50.5	105%	101%	3.5	
Benzene	49.1	50	50.3	98%	101%	2.4	
Trichloroethene	50.6	50	53.8	101%	108%	6.1	
Toluene	51.3	50	49.6	103%	99%	3.4	
1,1,1,2-Tetracholorethane	53.0	50	51.5	106%	103%	2.9	
Chlorobenzene	49.8	50	48.1	100%	96%	3.5	
Ethylbenzene	50.9	50	49.4	102%	99%	3.0	
o-Xylene	51.6	50	50.5	103%	101%	2.2	
n-Propylbenzene	50.5	50	53.2	101%	106%	5.2	
Dibromofluoromethane (surrogate)	95%		101%				
1,2-Dichloroethane-d4 (surrogate)	102%		107%				
Toluene-d8 (surrogate)	110%		109%				
4-bromofluorobenzene (surrogate)	113%		101%				
Analysis Date/Time:	5-27-24/09:34		5-27-24/09:52				
Analyst Initials	tjg		tjg				

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Flag Number	Comments
1	Reported value is below the reporting limit but above the MDL.
2	Reported value is from a 20x dilution. TJG 5/28/24
3	Reported value is from a 200x dilution. TJG 5/28/24

ENVision Proj#: 2024-1074 Page 1 of 2

CHAIN OF CUSTODY RECORD

ENVision Laboratories, Inc. | 1439 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-8632 | Fax: (317) 351-8639

Client: Hinderliter Enviro. Serv.	Invoice Address: 3601 N. Saint Joseph Ave., Evansville, IN 47720
Report Address: 3601 N. St. Joseph Av. Evansville IN. 47720	Project Name: Poseville one Stop
Report To: JTichenor@Hes-Enviro.com	Lab Contact: David Norris
Phone: 812-491-8467	Sampled by: Shawn Sullivan
Fax:	P.O. Number: 5007786
Desired TAT: (Please Circle One) 1-day 2-day 3-day (Std (5-7 bus. days))	QA/QC Required: (circle if applicable) Level III Level IV

REQUESTED PARAMETERS

Total VOC's

Please indicate number of containers per preservative below

Sample Integrity:
Cooler Temp: 2 °C (Circle)
Samples on Ice? (Yes) No
Samples Intact? (Yes) No
Custody Seal: Yes (No)
ENVision provided bottles: (Yes) No
VOC vials free of head-space: (Yes) No N/A
pH checked? (Yes) No N/A
Method 5035 collection used? Yes No
5035 samples received within 48 hr of Collection? Yes No

Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	Total VOC's	HCl	HNO_3	H_2SO_4	NaOH	Other	None	ENVision Sample ID
MW1	5/20/24	10:18	G		X							24-6621
MW2	5/20/24	10:23	G		X							6622
MW3	5/20/24	10:28	G		X							6623
MW4	5/20/24	10:33	G		X							6624
MW5	5/20/24	10:39	G		X							6625
MW6	5/20/24	10:45	G		X							6626
MW7	5/20/24	10:53	G		X							6627
MW8	5/20/24	10:59	G		X							6628
MW9	5/20/24	11:07	G		X							6629
MW10	5/20/24	11:12	G		X							6630
MW11	5/20/24	11:18	G		X							6631

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Shawn Sullivan HES	5-20-24	12:35	[illegible]	5-22-24	10:00

ENVision Proj#: 2024-1074 Page 2 of 2

CHAIN OF CUSTODY RECORD

ENVision Laboratories, Inc. | 1439 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-8632 | Fax: (317) 351-8639

Client: Hinder Liter Enviro Serv	Invoice Address:
Report Address: 3601 N. St Joseph Ave Evansville In 47720	Project Name: Poseyville Onestem
Report To: Jricheson@Hes-Environ.com	Lab Contact: David Norris
Phone: 812-491-8467	Sampled by: Sherm Sullivan
Fax:	P.O. Number: 590786
Desired TAT: (Please Circle One) 1-day 2-day 3-day Std (5-7 bus. days)	QA/QC Required: (circle if applicable) Level III Level IV

REQUESTED PARAMETERS

Total VOC's

Please indicate number of containers per preservative below

Sample Integrity:

Cooler Temp: 2 °C (Circle)
Samples on Ice? (Yes) No
Samples Intact? (Yes) No
Custody Seal: Yes (No)
ENVision provided bottles: (Yes) No
VOC vials free of head-space: (Yes) No N/A
pH checked? (Yes) No N/A
Method 5035 collection used? Yes No
5035 samples received within 48 hr of Collection? Yes No

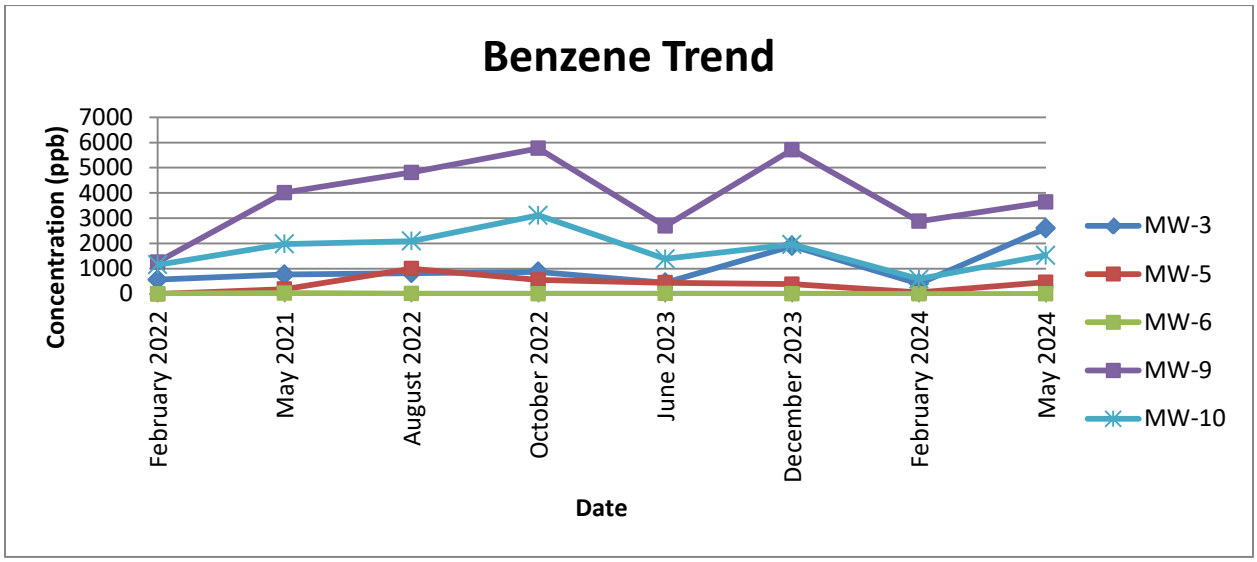
Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	Total VOC's	HCl	HNO_3	H_2SO_4	NaOH	Other	None	ENVision Sample ID
MS	5/20/24	10:33	G		X							
MSD	5/20/24	10:33	G		X							
DUP	5/20/24		G		X							24-66032
Temp Blank	5/20/24		G		X							24-66033

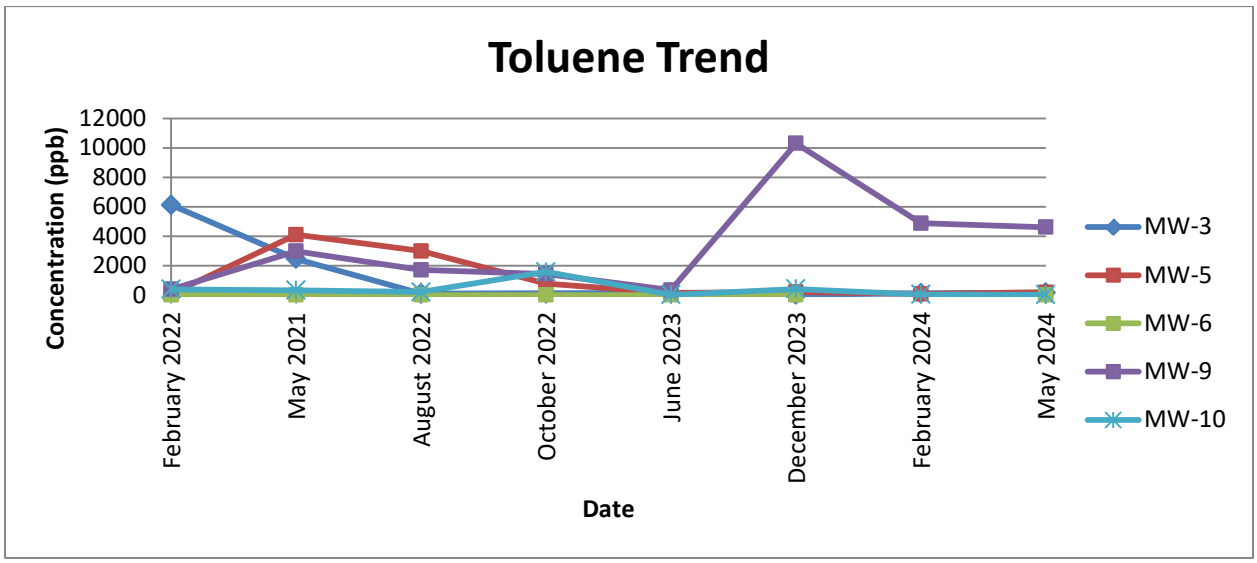
Comments:

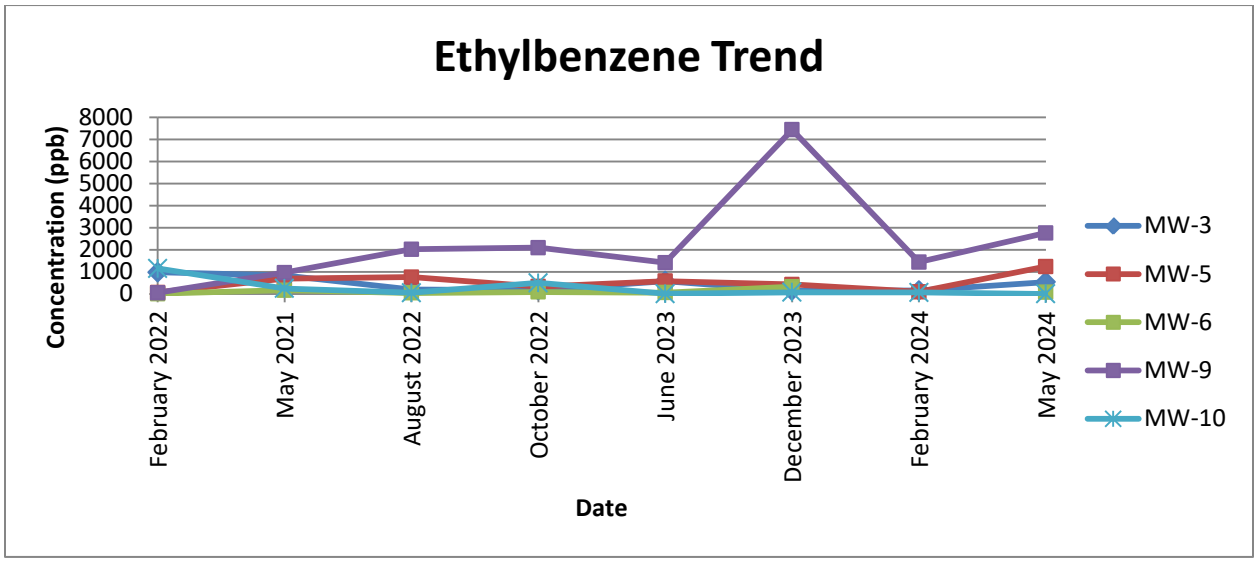
Relinquished by:	Date	Time	Received by:	Date	Time
Sherm Sullivan HES	5-20-24	12:35	[illegible]	5-22-24	10:00

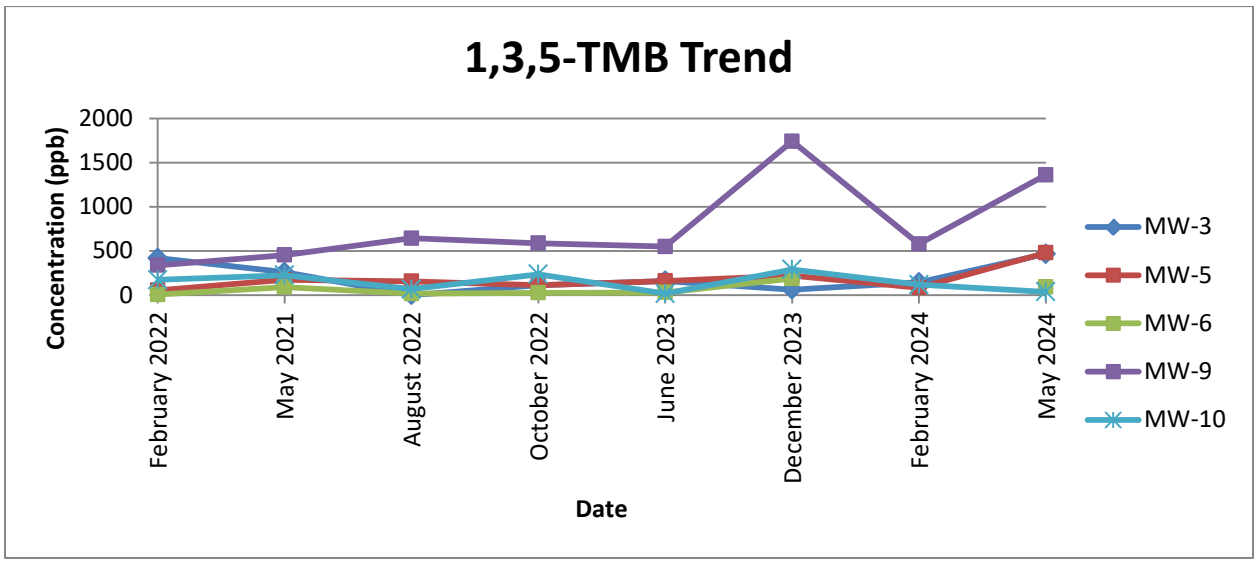
APPENDIX F

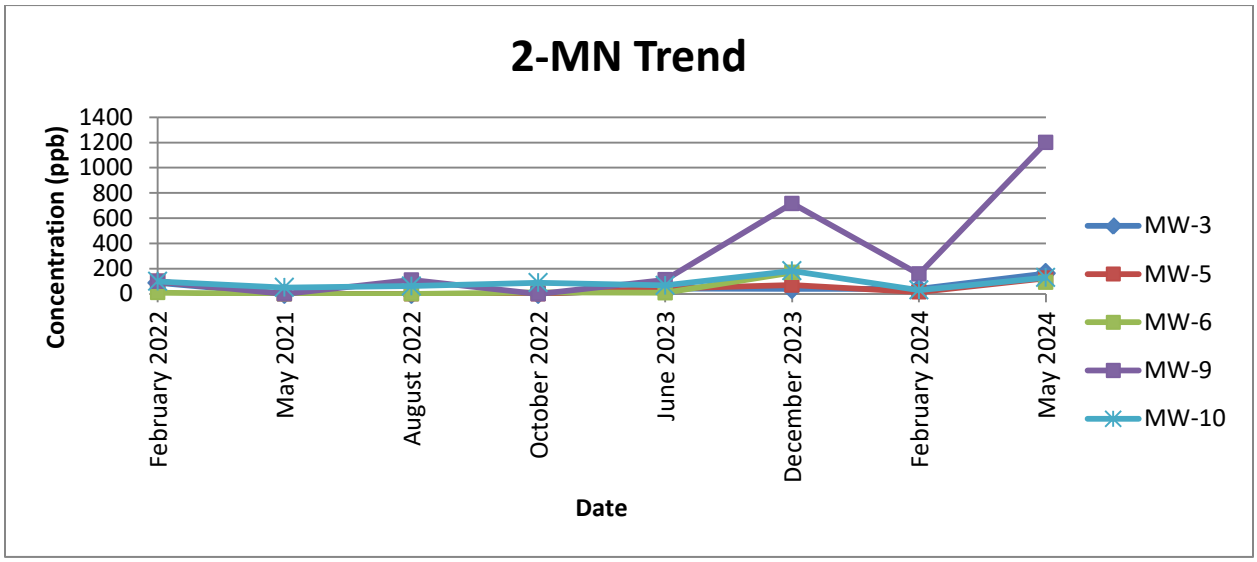
TREND ANALYSIS

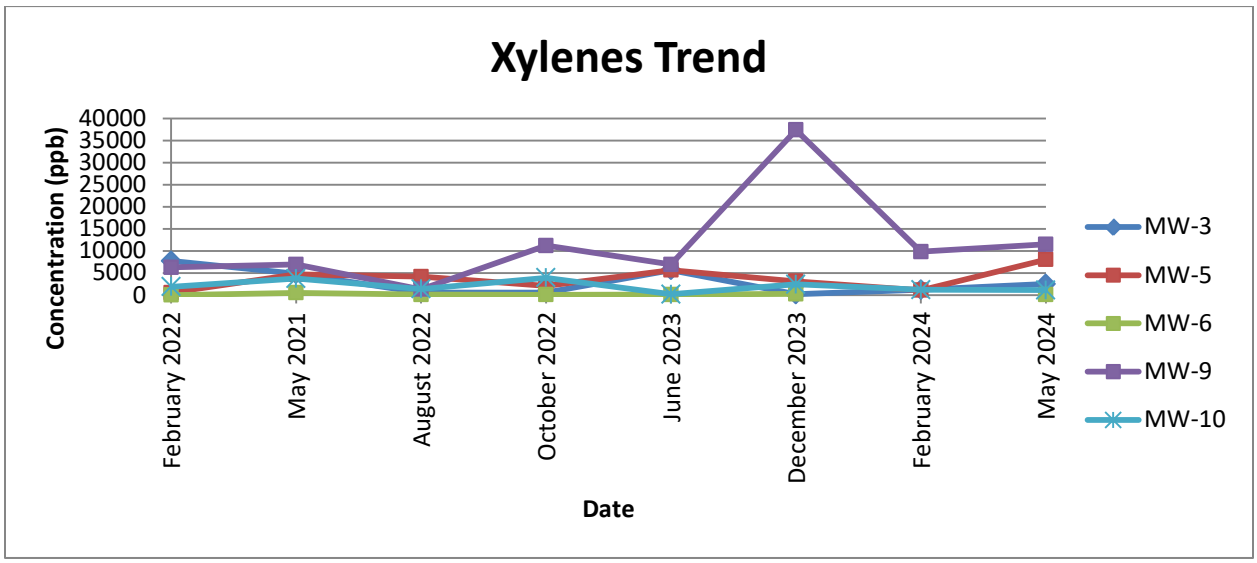

Benzene Trend
Concentration (ppb)
7000
6000
5000
4000
3000
2000
1000
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10

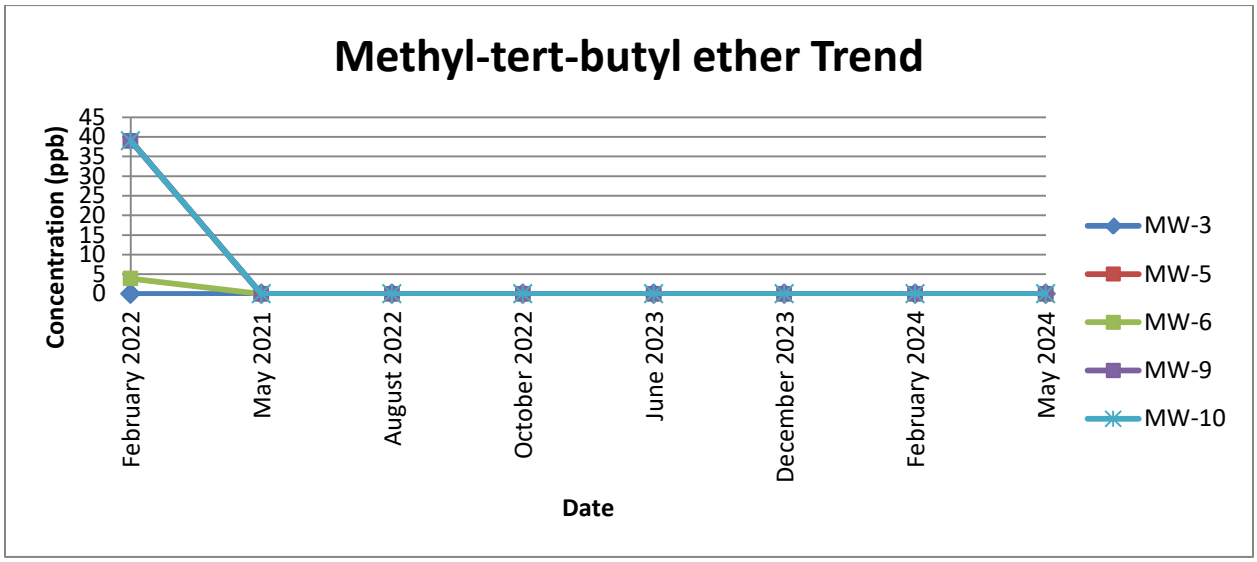

Toluene Trend
Concentration (ppb)
12000
10000
8000
6000
4000
2000
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10

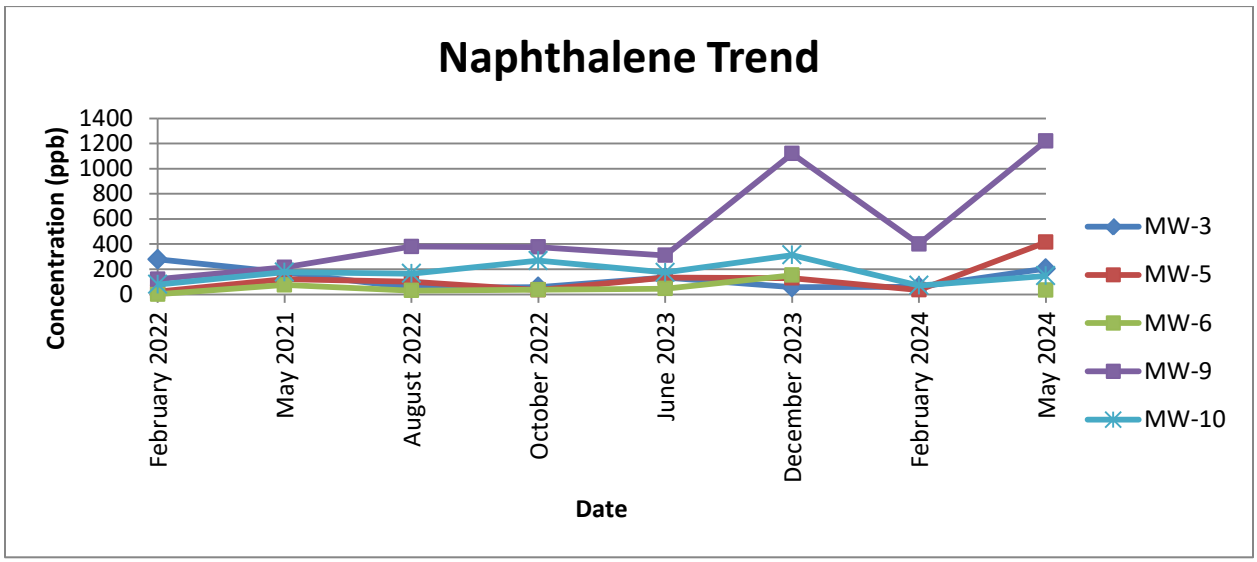

Ethylbenzene Trend
Concentration (ppb)
8000
7000
6000
5000
4000
3000
2000
1000
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10

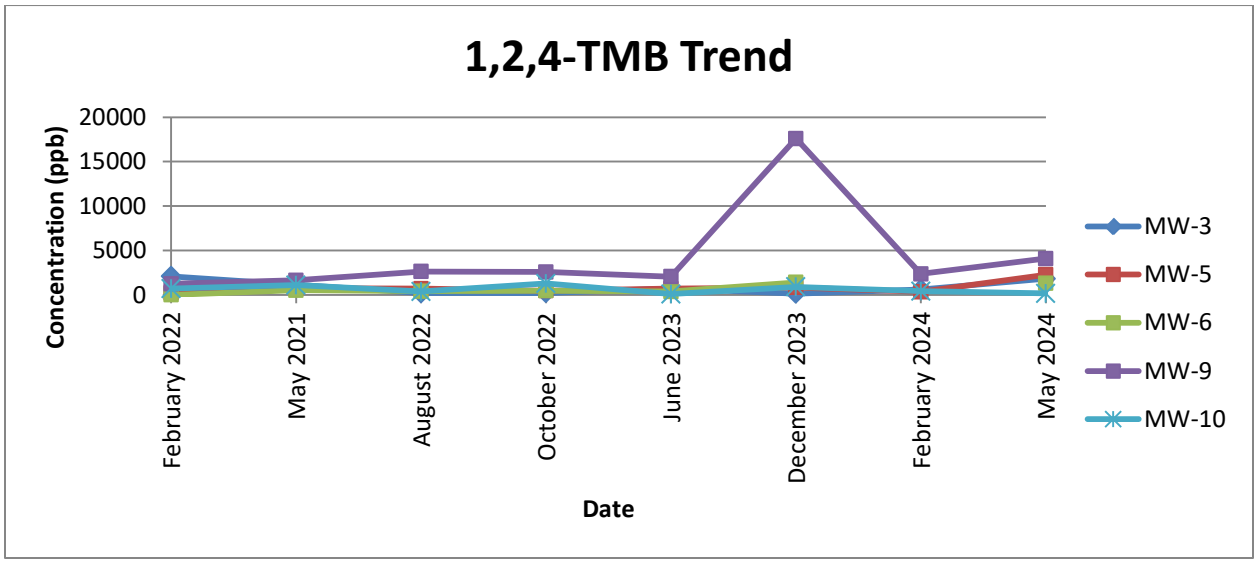

1,3,5-TMB Trend
Concentration (ppb)
2000
1500
1000
500
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10

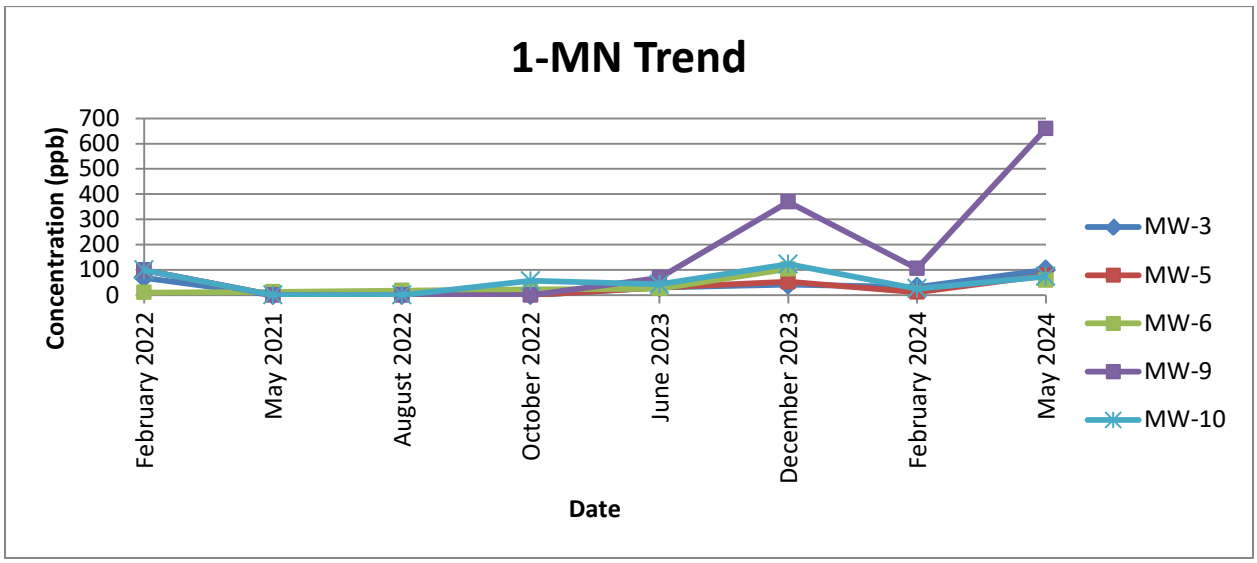

2-MN Trend
Concentration (ppb)
1400
1200
1000
800
600
400
200
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10


Xylenes Trend
Concentration (ppb)
40000
35000
30000
25000
20000
15000
10000
5000
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10


Methyl-tert-butyl ether Trend
Concentration (ppb)
45
40
35
30
25
20
15
10
5
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10


Naphthalene Trend
Concentration (ppb)
1400
1200
1000
800
600
400
200
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10


1,2,4-TMB Trend
Concentration (ppb)
20000
15000
10000
5000
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10


1-MN Trend
Concentration (ppb)
700
600
500
400
300
200
100
0
February 2022
May 2021
August 2022
October 2022
June 2023
December 2023
February 2024
May 2024
Date
MW-3
MW-5
MW-6
MW-9
MW-10