FURTHER SITE INVESTIGATION (FSI) REPORT COVER SHEET & REPORT FORMAT

State Form 55441(11-13)
329 IAC 9-5-6
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 Further Site Investigation (FSI). Additional information and guidance may be found in Rule 329 IAC 9-5-6, IAC 9-5-5.1and Chapter 3 of the RISC User's Guide.*
2. *The Cover Sheet should be attached as cover to your FSI Report submittal. The directions for the required FSI 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, or 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

Facility Name: Former Pak-A-Sak #35	Facility ID Number: 19033	
	LUST Incident Number(s): 202307515	
Street Address: 112 West Pike Street		
City: Goshen	County: Elkhart	ZIP Code: 46526

B.SITE PRIORITY INFORMATION

1. a) Is Free Product present? b) If Free Product is present at the Site, has recovery information been submitted per 329 IAC 9-5-4.2 in the required format in **Appendix D**?	☐ YES ☐ YES	☑ NO ☐ NO
2. Have vapors been identified in any confined spaces (basements, sewers, etc.)?	☐ YES	☑ NO
3. Has this investigation identified that a drinking water well has been affected as a result of this release? ** For definitions of Public Water Systems please see 327 IAC 8-2-1*	☐ YES ☐ Community ☐ Non-Transient non-community ☐ Transient non-community ☐ Private	☑ NO
4. Are utilities impacted or likely to be acting as conduits for contaminant migration?	☐ YES	☑ NO
5. Is the site located within a Well Head Protection Area (WHPA)?	☑ YES	☐ NO

6. Estimated distance (ft) and direction from point of release to the nearest:

Private Well: 290 ft.	Municipal Well: 678 ft.	Surface Water: 720 ft.
☑ North ☐ South ☐ East ☑ West	☑ North ☐ South ☑ East ☐ West	☑ North ☐ South ☑ East ☐ West

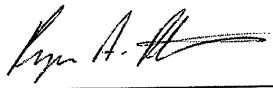
7. What is the depth to ground water in feet?	18 ft.	
8. What is the predominant ground water flow direction?	Southwest	
9. Has the investigation defined contamination in the soil: Vertically? Horizontally?	 ☑ YES ☑ YES	 ☐ NO ☐ NO
10. Has the investigation defined contamination in the ground water: Vertically? Horizontally?	 ☑ YES ☑ YES	 ☐ NO ☐ NO
11. If defined, does contamination in the ground water extend off-site?	☐ YES	☑ NO
12. If not defined, is contamination in the ground water likely to extend off-site?	☐ YES	☐ NO
13. Is there an existing Environmental Restrictive Covenant (ERC) on the property deed?	☐ YES	☑ NO

C. TANK(S) OWNER INFORMATION		
Owner Name: Jay Petroleum, Inc. (Responsible party, former tank owner)		
Street Address: 533 South 200 West		
City: Portland	State: IN	ZIP Code: 47371
Contact Person: Chris Braun	Telephone Number: 260-726-9374	
E-mail Address: cbraun@jaypetroleum.com		

D. REPORT PREPARER INFORMATION		
Company Name: Creek Run L.L.C. Environmental Engineering		
Street Address: 1 Creek Run Drive		
City: Montpelier	State: IN	ZIP Code: 47359
Contact Person: Ryan Peterson	Telephone Number: 765-728-8051	
E-mail Address: rpeterson@creekrun.com		

E. 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 9-5-5.1 and 329 IAC 9-5-6. I certify that the attached report was submitted to the IDEM Leaking Underground Storage Tank Section on the date listed below.			
Ryan A. Peterson	Senior Project Manager	Creek Run L.L.C. Environmental Engineering	06/25/2024
Name	**Position**	**Company**	**Date**

Environmental Professional Credentials CHMM #20945



06/25/2024 (signature and date)

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 and date)

_____ (printed name and date)

_____ (signature and date)

_____ (printed name and date)

Creek Run L.L.C.

ENVIRONMENTAL ENGINEERING

Taking Pride In What We Do!

Further Site Investigation

Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana 46526
Incident #202307515
FID #19033

June 25, 2024

MISSION STATEMENT

Our mission is to serve our clients in a professional and dedicated manner by helping them to navigate the environmental regulatory process. We will practice strong environmental stewardship in our actions, in our thoughts and in our hearts. This mission is not one of activism but of caretaking for the environment within the regulatory process.

Creek Run L.L.C.
ENVIRONMENTAL ENGINEERING

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Montpelier, Indiana 47359

2328 North US 35, Unit A
LaPorte, Indiana 46350

Further Site Investigation

Former Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana 46526
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June 25, 2024

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Prepared For:
Jay Petroleum, Inc.
533 South 200 West
Portland, Indiana 47371

For the Site:
Former Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana
Incident #202307515
FID #19033

Prepared By:

Ryan Peterson, CHMM #20945
Senior Project Manager

June 25, 2024
Date

Dennis Livingston, LPG #2120
Senior Project Manager / Operations VP

June 25, 2024
Date

Further Site Investigation

Former Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana 46310
Incident #202307515
FID #19033

TABLE OF CONTENTS

EXECUTIVE SUMMARY
INTRODUCTION 1
1.0 BACKGROUND INFORMATION 1
1.0 Regional Location 2
1.1 Site Location and Land Use 2
1.2 Overview of Previous Environmental Investigations & Spill History 3
2.0 FSI RATIONALE 3
2.1 Objectives of the Further Site Investigation 3
2.2 Chemicals of Concern 4
3.0 SITE SPECIFIC INVESTIGATIONS 4
3.1 Soil Sampling Events 4
3.2 Monitoring Well Installation 5
3.3 Groundwater Sampling Event 5
3.4 Groundwater Elevation Calculation 6
4.0 SAMPLING 6
5.0 RESULTS AND CONCLUSIONS 6
5.1 Soil Analytical Results 6
5.2 Groundwater Analytical Results 7
5.3 Miscellaneous Sampling Data & Results 7
5.4 Potential Exposure Pathways 7
5.5 Conclusions 8
6.0 RECOMMENDATIONS 9
6.1 Further Site Investigation Work Plan. 9
7.0 EVALUATION OF POTENTIAL REMEDIES 9
7.0 Summary of Remedies Given Preliminary Consideration 9
7.1 Proposed Pilot Tests 9
8.0 REFERENCES 9

LIST OF APPENDICES

Appendix A Figures and Tables
Appendix B Boring Logs and Monitoring Well Construction Diagrams
Appendix C Soil and Groundwater Laboratory Analytical Reports
Appendix D Miscellaneous Data
Appendix E FSI Work Plan (*Not Applicable*)

EXECUTIVE SUMMARY

On behalf of Jay Petroleum, Inc. (Jay Petroleum), Creek Run L.L.C. Environmental Engineering (Creek Run) is providing this *Further Site Investigation* (FSI) report for Leaking Underground Storage Tank (LUST) Incident #202307515 associated with the Former Pak-A-Sak #35 facility [Facility Identification (FID) #19033] located at 112 West Pike Street in Goshen, Indiana. This report has been prepared in accordance with the guidelines and requests outlined in the Indiana Department of Environmental Management (IDEM) letter titled *Further Site Investigation Request* dated November 21, 2023.

A small amount of fuel was observed in the Regular #1 and Premium tank submersible turbine pump (STP) sumps and in the dispenser #5/6 and dispenser #7/8 under dispenser containment (UDC) sumps during a July 18, 2023 underground storage tank (UST) system monthly walkthrough inspection. Based on these observations, a suspected release was reported on July 18, 2023. On July 20, 2023, a line tightness test was conducted at the site. The regular unleaded piping failed the line test. The release was confirmed on July 28, 2023. In a letter dated July 28, 20232, IDEM assigned LUST Incident #202307515 to the release and requested an Initial Site Characterization (ISC).

On August 10, 2023, as part of initial site characterization (ISC) activities, three soil borings (SB-1, SB-2, and SB-3) were advanced and on August 11, 2023, three groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed at the site. Groundwater samples were collected, and groundwater elevations were obtained from wells MW-1, MW-2, and MW-3 on August 14, 2023. Soil and groundwater samples collected during ISC activities did not contain chemicals of concern (COCs) at concentrations exceeding IDEM *Risk-Based Closure Guide* (*R2*) published levels. In a November 21, 2023 letter, IDEM requested further site investigation (FSI), including the installation of an additional monitoring well west of dispenser #7/8 and documentation that the site is within the one-year time of travel boundary for the Goshen Well Field.

On January 25, 2024, as part of FSI activities, one soil boring (SB-4) was advanced, and one groundwater monitoring well (MW-4) was installed at the site. On February 5, 2024, groundwater samples were collected, and groundwater elevations were obtained from the entire monitoring well network (MW-1, MW-2, MW-3, and MW-4). Analytical results for groundwater samples collected from the site during site characterization activities were contrasted against IDEM *R2* published levels. Soil and groundwater samples collected during site characterization activities did not contain COCs at concentrations exceeding IDEM *R2* published levels. Further investigation is not needed to complete vertical and horizontal delineation of soil and groundwater impacts and to investigate potential exposure pathways associated with Incident #202307515 and no remedy is required to be protective of human health and the environment. Creek Run recommends No Further Action Status for Incident #202307515.

Further Site Investigation

Former Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana
Incident #202307515
FID #19033

INTRODUCTION

On behalf of Jay Petroleum, Inc. (Jay Petroleum), Creek Run L.L.C. Environmental Engineering (Creek Run) is providing this *Further Site Investigation* (FSI) report for Leaking Underground Storage Tank (LUST) Incident #202307515 associated with the Former Pak-A-Sak #35 facility [Facility Identification (FID) #19033] located at 112 West Pike Street in Goshen, Indiana. This report has been prepared in accordance with the guidelines and requests outlined in the Indiana Department of Environmental Management (IDEM) letter titled *Further Site Investigation Request* dated November 21, 2023.

All figures and tables referenced in the report are included in **Appendix A**. Soil boring logs and well construction diagrams are included in **Appendix B**. Soil and groundwater laboratory analytical reports as well as chain-of-custody forms are included in **Appendix C**.

1.0 BACKGROUND INFORMATION

Facility Information:
Former Pak-A-Sak #35 (FID #19033)
112 West Pike Street
Goshen, Indiana 46526
574-533-1401

Property Owner:
Pike Street Property LLC
112 West Pike Street
Goshen, Indiana 46526
574-533-1401

UST Owner/Operator:
Pike Street Property LLC
112 West Pike Street
Goshen, Indiana 46526
574-533-1401

1.0 Regional Location

The site is located in Section 9, Township 36 North, Range 6 East within Elkhart Civil Township in Elkhart County, Indiana. Universal Transverse Mercator (UTM) coordinates for the facility location are 597043 meters East, 4604796 meters North, Zone 16T. The site location is illustrated on the United States Geological Survey (USGS) topographic map provided as **Figure 1**. According to the topographic map, the site has an approximate elevation of 798 feet above mean sea level (MSL) and the area around the site, while relatively flat, slopes west toward Elkhart River, which flows northwest. A regional map is included as **Figure 2**.

1.1 Site Location and Land Use

The Former Pak-A-Sak #35 facility is located at 112 West Pike Street, Goshen, Indiana 46526 (FID #19033) and is currently utilized as an automobile refueling facility and convenience store. The property consists of one parcel (Parcel Number 20-11-09-264-021.000-015), totaling approximately 0.32 acres. A convenience store and fuel island canopy are currently present onsite. According to the Elkhart County Geographic Information System (GIS) website, the property is zoned residential.

The property is developed and currently operates as an automobile refueling station and convenience store. According to the Elkhart County Assessor's Office, the property is improved with a 1,800 square-foot convenience store building constructed in 1992, a 120 square-foot fence constructed in 1992, a 11,016 square-foot concrete paved lot constructed in 1992, and a 5,000 square-foot detached canopy constructed in 1992. An underground storage tank (UST) system that consists of three 10,000-gallon Owens Corning fiberglass USTs along with Environ Geoflex flexible piping has operated at the facility since at least February 22, 1993. Known products stored in the UST system are gasoline and kerosene.

According to documents obtained from the IDEM Virtual File Cabinet (VFC) and the Elkhart County GIS website, Jay Petroleum owned and operated the UST system at the site from June 21, 1999 to February 26, 2024. According to the property card obtained from the Elkhart County GIS website, the property was transferred from Jay Petroleum to Pike Street Property LLC on February 26, 2024. Pike Street Property LLC currently owns and operates the tanks. According to the IDEM Institutional Controls Registry, no institutional control documents are associated with the property.

The site is in a mixed residential and commercial area in Goshen, Indiana. Identified current uses of adjoining properties are listed on the following table.

Direction	Adjoining Property Use
NORTH	West Pike Street (US Route 33) followed by Jiffy Lube
EAST	Key Bank
SOUTH	Residence
WEST	North Third Street followed by Mast Insurance Services

A scaled site map illustrating the layout of current site features and adjacent properties is provided as **Figure 3**.

1.2 Overview of Previous Environmental Investigations & Spill History

July 18, 2023 – A small amount of fuel was observed in the Regular #1 and Premium tank submersible turbine pump (STP) sumps and in the dispenser #5/6 and dispenser #7/8 under dispenser containment (UDC) sumps during a UST system monthly walkthrough inspection. A suspected release was reported to IDEM by Creek Run.

July 20, 2023 – The regular unleaded piping failed a line tightness test.

July 28, 2023 – A confirmed release was reported to IDEM by Creek Run. IDEM assigned LUST Incident #202307515 to the release and requested an ISC.

August 10, 2023 – Three soil borings (SB-1, SB-2, and SB-3) were advanced and three permanent groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed at the site.

August 14, 2023 – Creek Run mobilized to the site to collect groundwater samples from monitoring wells MW-1 through MW-3.

September 26, 2023 – Creek Run submitted an ISC report to IDEM.

November 21, 2023 – IDEM requested completion of an FSI to fully delineate the nature and extent of contamination.

According to the IDEM VFC, no other LUST incidents are known to exist in association with FID #19033.

2.0 FSI RATIONALE

2.1 Objectives of the Further Site Investigation

Objectives for this FSI were to fully delineate the nature and extent of petroleum contamination in soil and groundwater associated with Incident #202307515 as

requested in the November 21, 2023 IDEM letter titled *Further Site Investigation Request*.

Creek Run initiated further investigation activities as outlined in the IDEM letter by advancing one soil boring (SB-4) and installing one monitoring well (MW-4) west of the dispenser #7/8 pump island. A vapor intrusion (VI) investigation was not conducted during the FSI as there were no conditions potentially requiring VI investigation encountered.

2.2 Chemicals of Concern

Based on the known storage of gasoline and kerosene in the UST system that was installed in 1993, the chemicals of concern (COCs) present at the site include Volatile Organic Compounds (VOCs) and lead. A list of the COCs and the analytical testing methods used during FSI activities is presented in **Table 1** of **Appendix A**.

3.0 SITE SPECIFIC INVESTIGATIONS

3.1 Soil Sampling Events

On January 25, 2024, a Geoprobe 7822DT direct-push drilling rig was used to break through the concrete pavement at boring location SB-4 and soil boring SB-4 was then advanced using a hand auger and Geoprobe 7822 DT direct-push drilling rig at the locations illustrated on **Figure 3**. A hand auger was used initially at the boring to avoid damaging any underground entities. The Geoprobe 7822 DT drilling rig was utilized to collect the remainder of the soil samples in continuous five-foot increments using hydraulically driven, stainless steel sampling tubes equipped with clear, co-polyester liners. The liners collected relatively undisturbed 1.5-inch diameter soil cores continuously to the base of the boring. Upon retrieval from the sampling tube, the liners were opened to allow lithologic description, field screening, and sample collection.

Upon retrieval, soil was screened at 0.5-foot intervals for photoionizable vapors using a calibrated MiniRae 3000 photoionization detector (PID). A summary of organic vapor readings, retrieval times, and sample collection times are provided on the soil boring logs provided in **Appendix B**. The intervals displaying the highest potential for containing contaminants based on field screening, visual inspection for staining, presence of odors and/or were located directly above the observed water column were immediately placed into laboratory-supplied containers and stored in an ice-filled cooler.

Sampling methodology and laboratory analysis of soil samples were conducted in accordance with Method 5035A. Soil samples collected from the borings were characterized in the field based upon the Unified Soil Classification System (USCS) soil type, moisture, Munsell color, and evidence of contamination such as

odor and staining. A soil hardness measurement was taken on cohesive soils from each sample interval using a pocket penetrometer.

Soil samples submitted for analysis of VOCs were obtained using Terra Core® soil samplers from the interior of the soil boring cores to minimize sample contact with the atmosphere. The soil core samples were deposited into laboratory-supplied, pre-weighed vials. The vials were labeled, logged on a chain-of-custody form, and immediately placed into an ice-filled cooler for transportation, prior to being frozen within 48 hours of sample collection. Soil samples submitted for lead and percent moisture analysis were collected in 4-ounce glass jars equipped with Teflon lids and stored in the ice-filled cooler.

Soil samples collected from boring SB-4 and a duplicate sample (DUP-2) collected along with SB-4 (18-20') were submitted to ENVision Laboratories, Inc. (ENVision) of Indianapolis, Indiana. The soil samples were submitted for analysis of VOCs by United States Environmental Protection Agency (U.S. EPA) Method 8260 and lead by U.S. EPA Method 6010. The geologic cross section location is depicted on **Figure 5** (Geologic Cross Section Location). A geologic cross section depicting the soil lithology, approximate location of the water table, screened intervals, and vertical extent of contamination is included as **Figure 5a** (A-A'). In general, the site is covered with approximately four inches of concrete followed by two feet of clay. Beneath the clay is fine to coarse grained sand.

3.2 Monitoring Well Installation

On January 25, 2024, monitoring well MW-4 was installed to an approximate depth of 24 feet bgs in the location of boring B-4. using Geoprobe drilling rig equipped with 4.25-inch inside diameter hollow stem augers that were decontaminated with Alconox® detergent before use. Well MW-4 was constructed of 10 feet of 2.0-inch diameter, 0.010-inch factory slotted polyvinyl chloride (PVC) screen, and enough 2.0-inch diameter solid PVC riser to reach the ground surface. Sand (#5) was placed in the annular space around the wells to approximately one-half to one foot above the screen. Hydrated bentonite chips were placed above the sand to approximately one foot bgs. Monitoring well risers were equipped with a locking cap and an 8.0-inch diameter flush-mount protective cover. The monitoring well was developed to remove suspended particles from the sand pack and improve hydraulic communication with the surrounding formation. Development was accomplished using pumping and surging methods. The monitoring well was surveyed relative to an existing on-site benchmark (the top of casing of well MW-1), which was assigned an elevation of 100.00 feet above MSL. Top of casing and well screen interval elevations are included in **Table 3**. Monitoring well construction diagrams are provided on boring logs in **Appendix B**.

3.3 Groundwater Sampling Event

Upon arrival at the site on February 5, 2024, the entire existing monitoring well network was opened and allowed to equilibrate with atmospheric conditions. Once

equilibrated, the depth of water below the top of casing in each well was measured to the nearest 0.01 foot using a Heron water level indicator that was decontaminated before use and between each well. Depth to groundwater measurements and groundwater elevation data are presented in **Table 3**.

Prior to collecting groundwater samples from permanent monitoring wells, at least three well volumes of water were purged from each well using new, disposable bailers to ensure that representative formation water was sampled. Purge water was placed into a labeled, 55-gallon steel drum, which was sealed and left on-site for future disposal. Following a recovery period, groundwater samples were collected using the disposable bailers for analysis of VOCs, dissolved lead, and total lead. All groundwater samples were poured directly into the appropriate laboratory-supplied containers, labeled, logged on a chain-of-custody form, and placed immediately into an ice-filled cooler for transport.

The groundwater samples, along with a blind duplicate sample from monitoring well MW-2, were delivered to ENVision for analysis of VOCs by U.S. EPA Method 8260 and total and dissolved lead by U.S. EPA Method 6010. A laboratory-supplied trip blank (TB-1) was maintained in an ice-filled cooler during the sampling event and was analyzed for VOCs by U.S. EPA Method 8260. Groundwater sample locations are presented on **Figure 8**.

3.4 Groundwater Elevation Calculation

Top of casing elevations, screened interval, historical depth to groundwater measurements, and historical groundwater elevations are provided in **Table 3**. All monitoring wells were surveyed relative to an on-site benchmark (the top of casing of monitoring well MW-1), which was assigned an elevation of 100.00 feet above MSL. Top of casing elevations were surveyed to the nearest one hundredth (0.01) foot accuracy to the on-site benchmark using a Topcon RL-H3C laser with a 9 foot rod equipped with a Topcon LS-80A sensor unit. Groundwater elevations measured on February 5, 2024 were used to construct the groundwater flow map provided as **Figure 7**. Review of **Figure 7** indicates the predominant direction of groundwater flow at the site is southwest, which is generally consistent with historically observed groundwater conditions at the site.

4.0 SAMPLING

The laboratory analytical reports and chain-of-custody forms for soil and groundwater samples collected during FSI activities are included in **Appendix C**.

5.0 RESULTS AND CONCLUSIONS

5.1 Soil Analytical Results

Historical analytical results for soil samples collected during site characterization activities contrasted against IDEM *Risk-Based Closure Guide* (*R2*) 2024 published

levels are summarized in **Table 2** (VOCs & Lead) and on **Figure 4**. Isopleths for VOCs and lead in soil are illustrated on **Figure 6**. The geologic cross section location is depicted on **Figure 5** (Geologic Cross Section Location). A geologic cross section depicting the soil lithology, approximate location of the water table, screened intervals, and vertical extent of contamination is included as **Figure 5a** (A-A'). No COCs were detected in soil samples collected from borings SB-1, SB-2, SB-3, or SB-4 exceeding IDEM *R2* 2024 published levels.

5.2 Groundwater Analytical Results

Historical analytical results for groundwater samples collected during site characterization activities contrasted against IDEM *R2* 2024 published levels are summarized in **Table 4** (VOCs & Lead). Analytical results from groundwater samples collected from the most recent groundwater sampling event on February 5, 2024 are summarized on **Figure 8** and isopleths for VOCs and lead are illustrated on **Figure 9**. No COCs were detected in groundwater samples collected from wells MW-1, MW-2, MW-3, or MW-4 exceeding IDEM *R2* 2024 published levels.

5.3 Miscellaneous Sampling Data & Results

No additional sampling activities were conducted; therefore, **Appendix D** contains no miscellaneous sampling data or results.

5.4 Potential Exposure Pathways

A conceptual site model (CSM), provided as **Figure 10**, was developed to evaluate the likelihood of exposure based on the type of media affected, possible exposure pathways and scenarios, and potential receptors. A detailed evaluation of each of the potential exposure and preferential pathways associated with Incident #202307515 is provided below.

<u>Direct Contact</u>

No soil samples collected from the site contained COCs at concentrations exceeding IDEM *R2* published levels. No further investigation is currently needed to determine if the direct contact pathway is complete or likely to become complete in the future.

<u>Ingestion</u>

Groundwater at the site contains no COCs at concentrations exceeding IDEM *R2* published levels. According to IDEM, the site is not located within a SWA. According to the *Goshen WHPA Phase II 5 Year Update* (Shail, 2022), the site is within the one-year time of travel boundary of the North Well Field in Goshen, Indiana. The intake wells for the North Well Field in relation to the site are 678 feet northeast. Maps of the North Well Field wellhead protection area are provided in **Appendix D**. The groundwater ingestion pathway is not complete. Current groundwater conditions do not pose a threat to human health by ingestion and/or to the environment if a private potable water well is installed onsite.

Vapor Intrusion

According to IDEM *R2* Section 2.3.6.5, IDEM will not initially require soil gas sampling for petroleum releases but will evaluate vapor potential based on the scenarios listed in Table 2-C (see below).

Indicator	Vapor Investigation Recommended if:
NAPL	Building has less than 15 feet of vertical or horizontal separation from NAPL
Groundwater	Building has less than six feet of vertical or horizontal separation from groundwater with dissolved benzene above 50 ug/L
Soil	Building has less than six feet of vertical or horizontal separation from soil containing volatile petroleum chemicals
Odors	Building occupants near the petroleum source area complain of chemical odors

Additionally, SGe sampling may be used to rule out vapor intrusion and future vapor investigations at active fuel stations under appropriate circumstances if preferential pathways are not facilitating vapor intrusion.

Based on data collected during site characterization activities, none of the conditions above appear to exist at the site. No COC concentrations in groundwater at the site exceed IDEM *R2* published levels. No further investigation is needed to determine if the vapor intrusion exposure pathway is likely to become complete in the future.

Preferential Pathway Evaluation

The nearest known underground entities that may intersect groundwater impacts and have the potential to function as preferential pathways for contaminant migration is the sanitary sewer line located on the southern edge of the UST area at an unknown depth. The locations of all known utilities are illustrated on **Figure 3**. No COCs were detected at concentrations exceeding applicable IDEM *R2* published levels; therefore, no additional investigation is needed to determine if the sanitary sewer line or other utilities have the potential to function as a preferential migration pathway.

5.5 Conclusions

Soil and groundwater analytical results from samples collected during site characterization activities indicate that no COCs are present at the site at concentrations exceeding applicable IDEM *R2* published levels.

Based on soil and groundwater analytical results no further investigation is needed to complete vertical and horizontal delineation of soil and groundwater impacts and to investigate potential exposure pathways associated with Incident #202307515 and no remedy is required to be protective of human health and the environment.

6.0 RECOMMENDATIONS

Soil and groundwater analytical results from samples collected during site characterization activities indicate that no COCs are present at the site at concentrations exceeding applicable IDEM *R2* published levels, conditions at the site have been fully characterized, and all relevant receptors have been evaluated; therefore, no additional investigation is recommended and no FSI Work Plan is provided in **Appendix I**. Creek Run recommends No Further Action Status for Incident #202307515.

6.1 Further Site Investigation Work Plan.

The full nature and extent of soil and groundwater contamination is defined; therefore, an FSI Work Plan is not provided in **Appendix E**. Creek Run requests that IDEM grant site characterization approval to Incident #202307515.

7.0 EVALUATION OF POTENTIAL REMEDIES

7.0 Summary of Remedies Given Preliminary Consideration

No remedial action is proposed at this time.

7.1 Proposed Pilot Tests

No pilot tests are proposed at this time.

8.0 REFERENCES

Google Earth, Goshen, Indiana, 2024. https://earth.google.com/

IDEM, March 22, 2012. *Remediation Closure Guide*

IDEM, Virtual File Cabinet. https://vfc.idem.in.gov/

IDEM, Office of Water Quality. Wellhead Protection Proximity Determinator. http://www.in.gov/idem/cleanwater/pages/wellhead/

IDNR, Division of Water. Water Well Record Database. https://secure.in.gov/apps/dnr/dowos/main.aspx

IDNR, Division of Water. Water Well Records Viewer. http://indnr.maps.arcgis.com/apps/webappviewer/index.html?id=4b4f37e1dde744ce865e1be4d157ac93

IDNR. Sites Finder Viewer. http://indnr.maps.arcgis.com/apps/webappviewer/index.html?id=fdf7409bc0884070a1cf59e08b984617

IDNR, Division of Nature Preserves. List of Endangered, Threatened and Rare Species in Elkhart County, Indiana

IGS, IndianaMAP Viewer, 2024. http://maps.indiana.edu
Maier, R.D., 2010. Bedrock Aquifer Systems of Elkhart County, Indiana. IDNR, Division of Water

Maier, R.D., 2010. Unconsolidated Aquifer Systems of Elkhart County, Indiana. IDNR, Division of Water

Shail, Katelynn. Wellhead Protection Plan Phase II 5 Year Update. March 2022.

USDA, National Resources Conservation Service. Web Soil Survey, 2024. http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx

US FWS, National Wetlands Inventory. Wetlands Mapper, 2024. https://www.fws.gov/wetlands/Data/Mapper.html

APPENDIX A

FIGURES AND TABLES

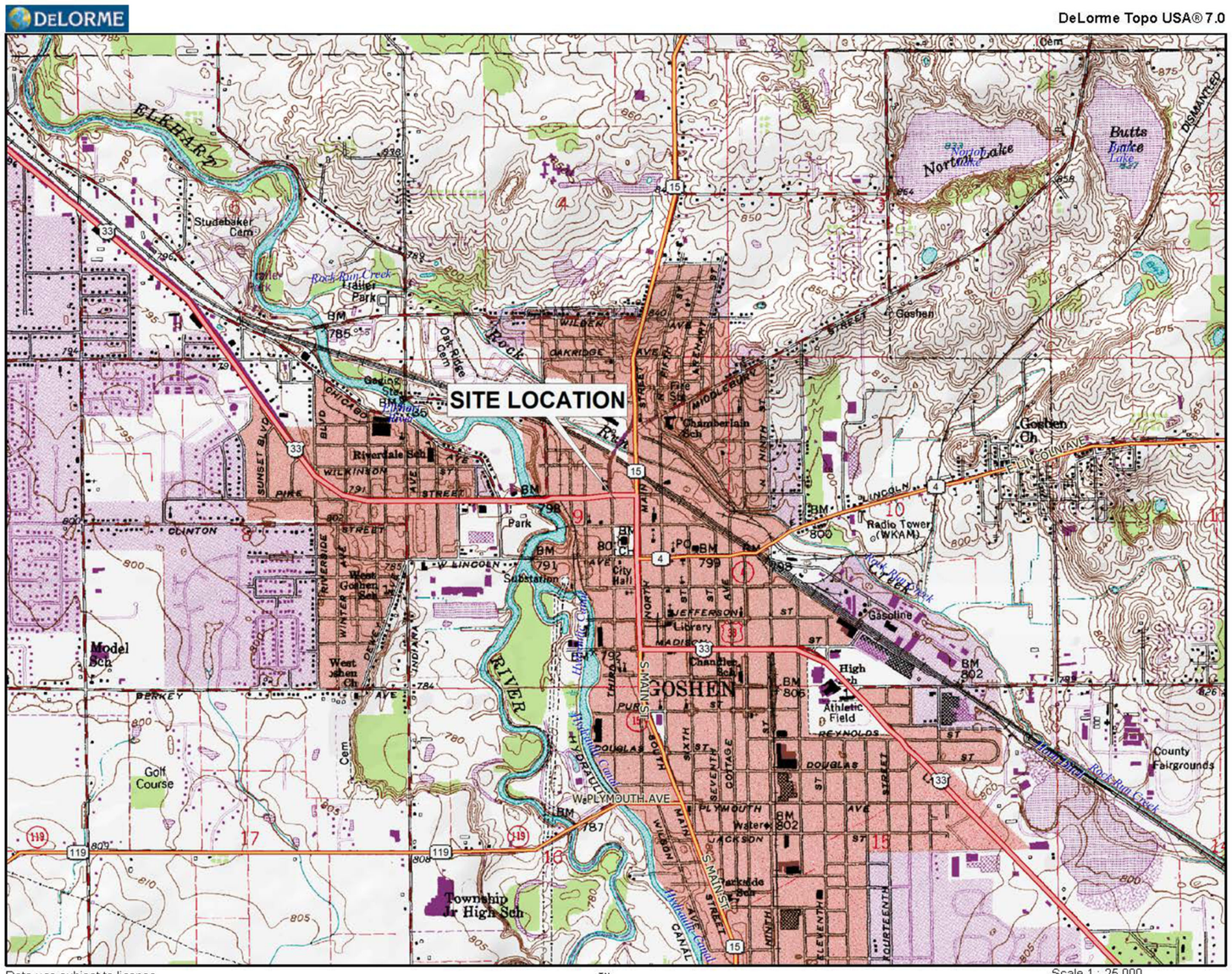
FIGURES

Figure 1	Site Map – 7.5 Topographic Map
Figure 2	Regional Map
Figure 3	Site Map
Figure 4	Soil Sample Locations and Analytical Results
Figure 5a	Geologic Cross Section Location
Figure 5b	Geologic Cross Section – A-A’
Figure 6	Soil Isopleth – Select VOCs and Lead
Figure 7	Current Groundwater Flow – February 5, 2024
Figure 8	Groundwater Sample Locations and Analytical Results – February 5, 2024
Figure 9	Groundwater Isopleth – Select VOCs and Lead
Figure 10	Conceptual Site Model

TABLES

Table 1 Chemicals of Concern
Table 2 Soil Analytical Results Summary – VOCs & Lead
Table 3 Groundwater and Well Screen Elevation Data Summary
Table 4 Groundwater Analytical Results Summary – VOCs & Lead

FIGURES



North

W E

S

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Standard Legend

Water Line (W W)	Electric Line (E E)
Gas Line (G G)	Communication Line (C C)
Sewer Line (S S)	Storm Sewer Line (ST ST)
Fiber Optic Line (FO FO)	Overhead Line (OL OL)
Monitoring Well	Soil Boring

Legend

SITE INFORMATION:

County: Elkhart

Civil Township: Elkhart

Average Elevation: 798' ±

PUBLIC LAND SURVEY SYSTEM (PLSS)

Section: 9

Township: 36N

Range: 6E

UTM COORDINATES

Zone: 16T

Easting: 597043

Northing: 4604796

Coordinates location: Approx. center of property

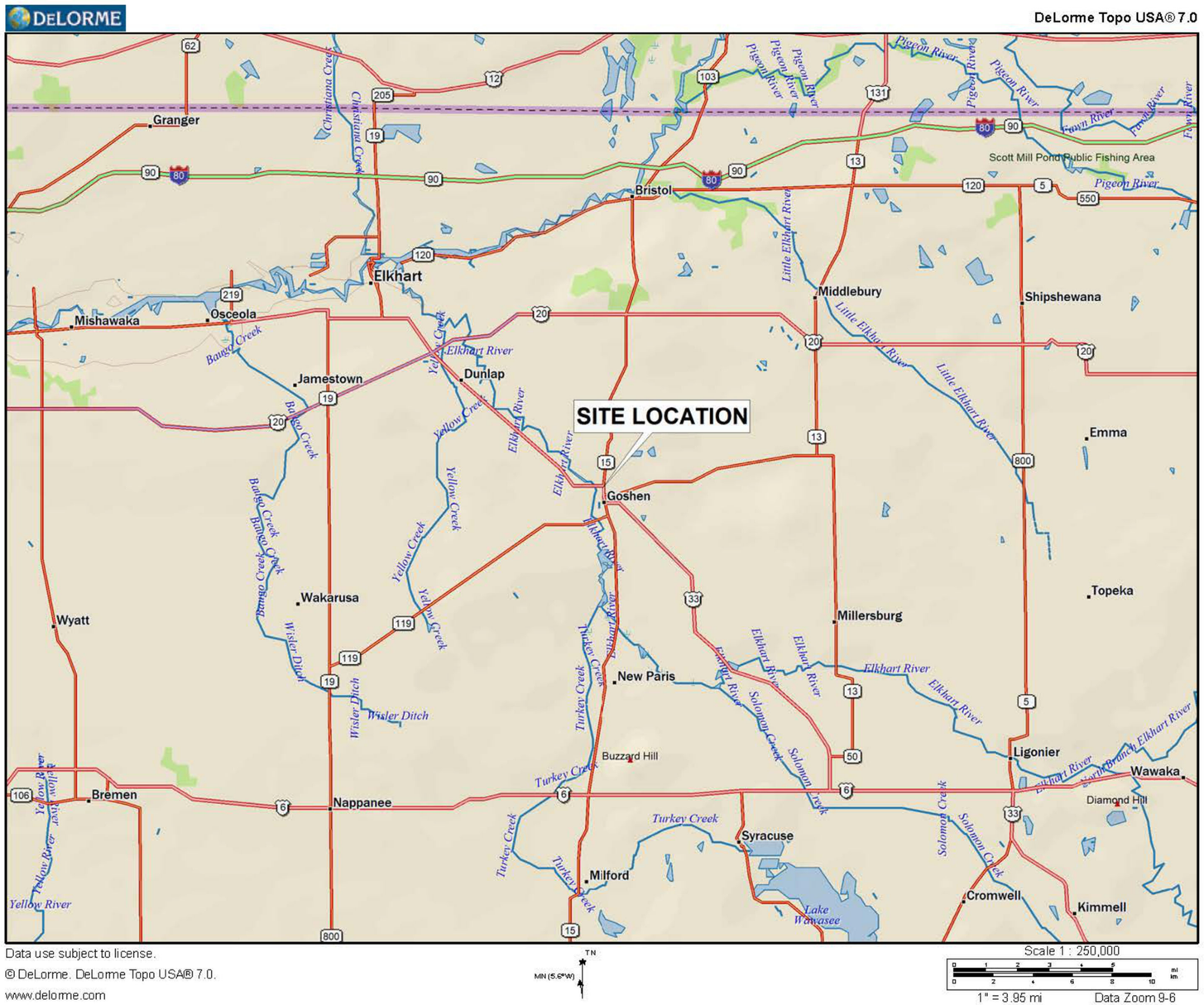
Drawn By: R.N. Date: 5-15-24	Checked By: R.P. Date: 5-16-24
File No.: J100-GOS1-103-2	Revision: 2

Title:

Site Map
7.5 Topographic

Location: Former
Pak-A-Sak #35
112 W. Pike Street
Goshen, IN

Scale: AS NOTED	Figure: 1



North

W E

S

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Standard Legend

Water Line (W)	Electric Line (E)
Gas Line (G)	Communication Line (C)
Sewer Line (S)	Storm Sewer Line (ST)
Fiber Optic Line (FO)	Overhead Line (OL)
Monitoring Well	Soil Boring

Legend

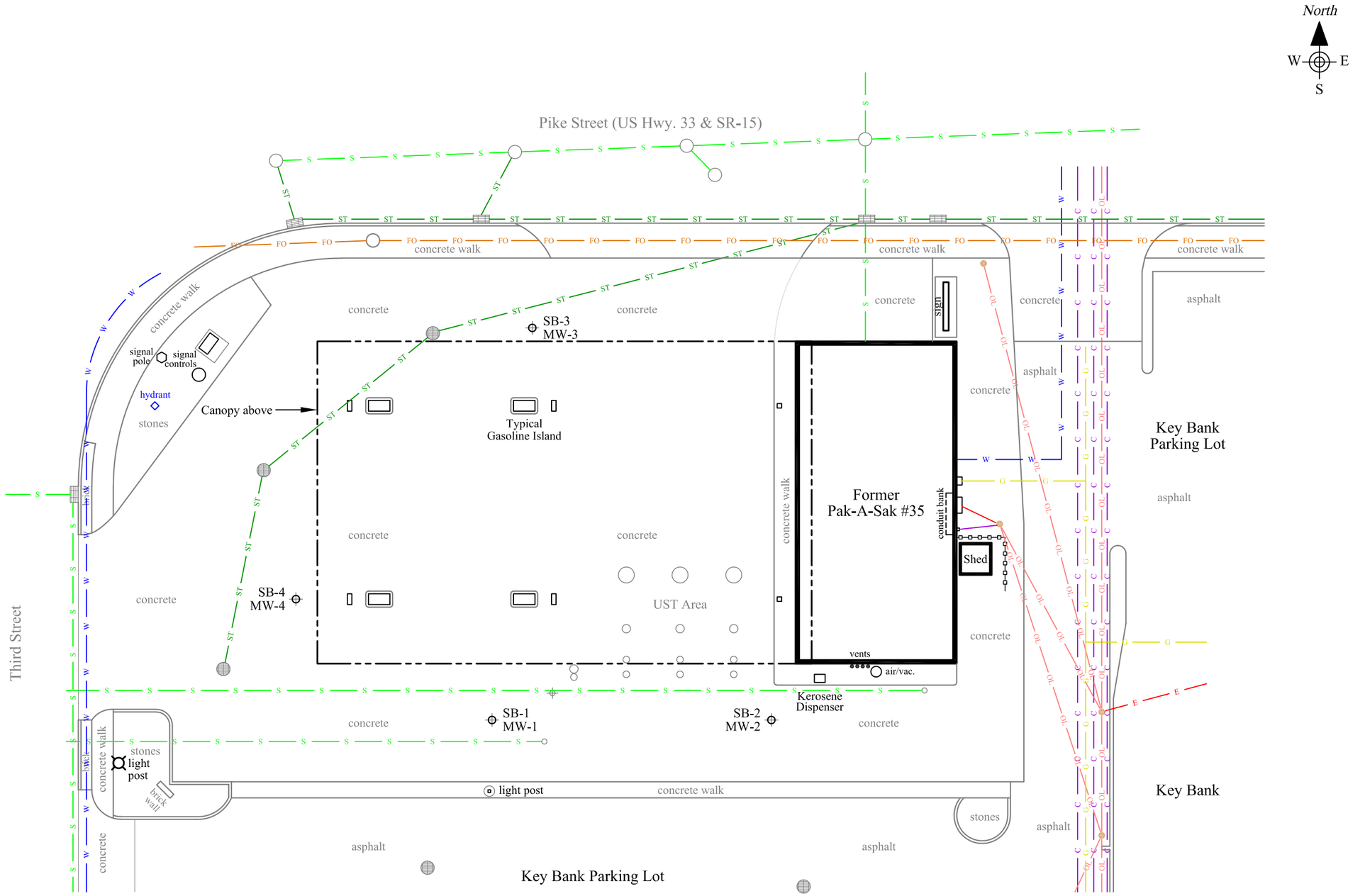
Drawn By: R.N. Date: 5-15-24	Checked By: R.P. Date: 5-16-24
File No.: J100-GOS1-102-2	Revision: 2

Title:

Regional Map

Location: Former Pak-A-Sak #35
112 W. Pike Street
Goshen, IN

Scale: AS NOTED	Figure: 2



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Standard Legend

Water Line	Electric Line
Gas Line	Communication Line
Sewer Line	Storm Sewer Line
Fiber Optic Line	Overhead Line
Monitoring Well	Soil Boring

Legend

Drawn By: R.N. Date: 5-15-24	Checked By: R.P. Date: 5-16-24
File No.: J100-GOS1-100-4	Revision: 4

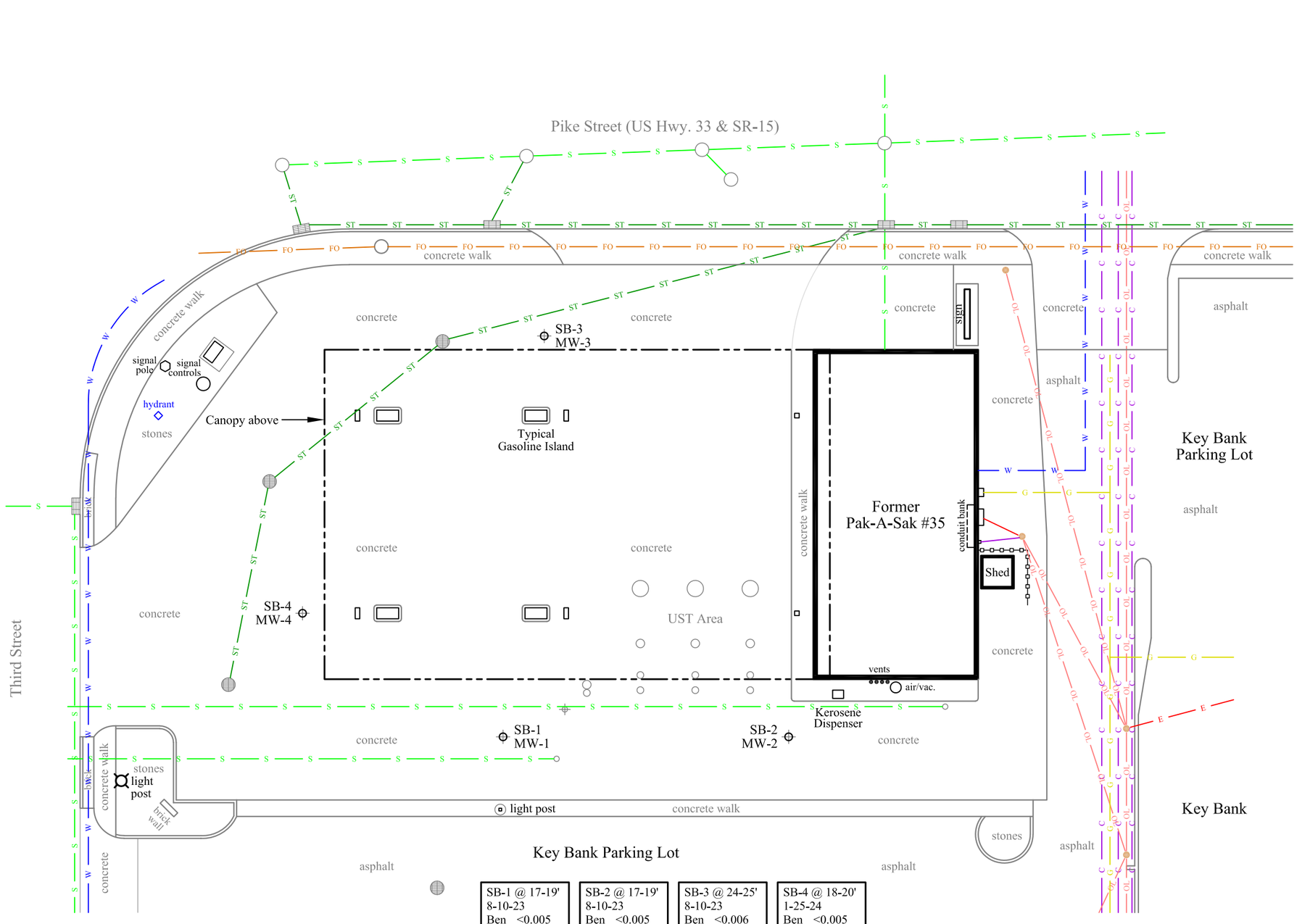
Title:

Site Map

Location:

Former
Pak-A-Sak #35
112 W. Pike Street
Goshen, IN

Scale: 1" = 20' 20'	Figure: 3



SB-1 @ 17-19'	
8-10-23	
Ben	<0.005
Tol	<0.005
Eth	<0.005
Xyl	<0.011
Mtb	<0.005
4-T	<0.005
5-T	<0.005
1-M	<0.005
2-M	<0.005
Nap	<0.005
Lea	2.6

SB-2 @ 17-19'	
8-10-23	
Ben	<0.005
Tol	<0.005
Eth	<0.005
Xyl	<0.010
Mtb	<0.005
4-T	<0.005
5-T	<0.005
1-M	<0.005
2-M	<0.005
Nap	<0.005
Lea	2.6

SB-3 @ 24-25'	
8-10-23	
Ben	<0.006
Tol	<0.006
Eth	<0.006
Xyl	<0.012
Mtb	<0.006
4-T	<0.006
5-T	<0.006
1-M	<0.006
2-M	<0.006
Nap	<0.006
Lea	<2

SB-4 @ 18-20'	
1-25-24	
Ben	<0.005
Tol	<0.005
Eth	<0.005
Xyl	<0.010
Mtb	<0.005
4-T	<0.005
5-T	<0.005
1-M	<0.005
2-M	<0.005
Nap	<0.005
Lea	2.6

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Standard Legend

Water Line
Electric Line
Gas Line
Communication Line
Sewer Line
Storm Sewer Line
Fiber Optic Line
Overhead Line
Monitoring Well
Soil Boring

Legend

Soil Boring No. / Sample Results Depth
Date Sampled
Ben Benzene
Tol Toluene
Eth Ethylbenzene
Xyl Xylenes
Mtb Methyl tertiary-butyl ether (MTBE)
4-T 1,2,4-Trimethylbenzene
5-T 1,3,5-Trimethylbenzene
1-M 1-Methylnaphthalene
2-M 2-Methylnaphthalene
Nap Naphthalene
Lea Lead

Results reported in parts per million (ppm)
VOCs = Volatile organic compounds
Analytical results compared to 2024 IDEM Risk-Based Closure Guide Published Levels
Results shown in RED exceed IDEM R2 Published Screening Levels

Note:
Only select VOCs are depicted on this figure. See Table #2 for a complete listing of parameters and analytical results.

Drawn By: R.N. Date: 5-15-24	Checked By: R.P. Date: 5-16-24
File No.: J100-GOS1-112-0	Revision: 0

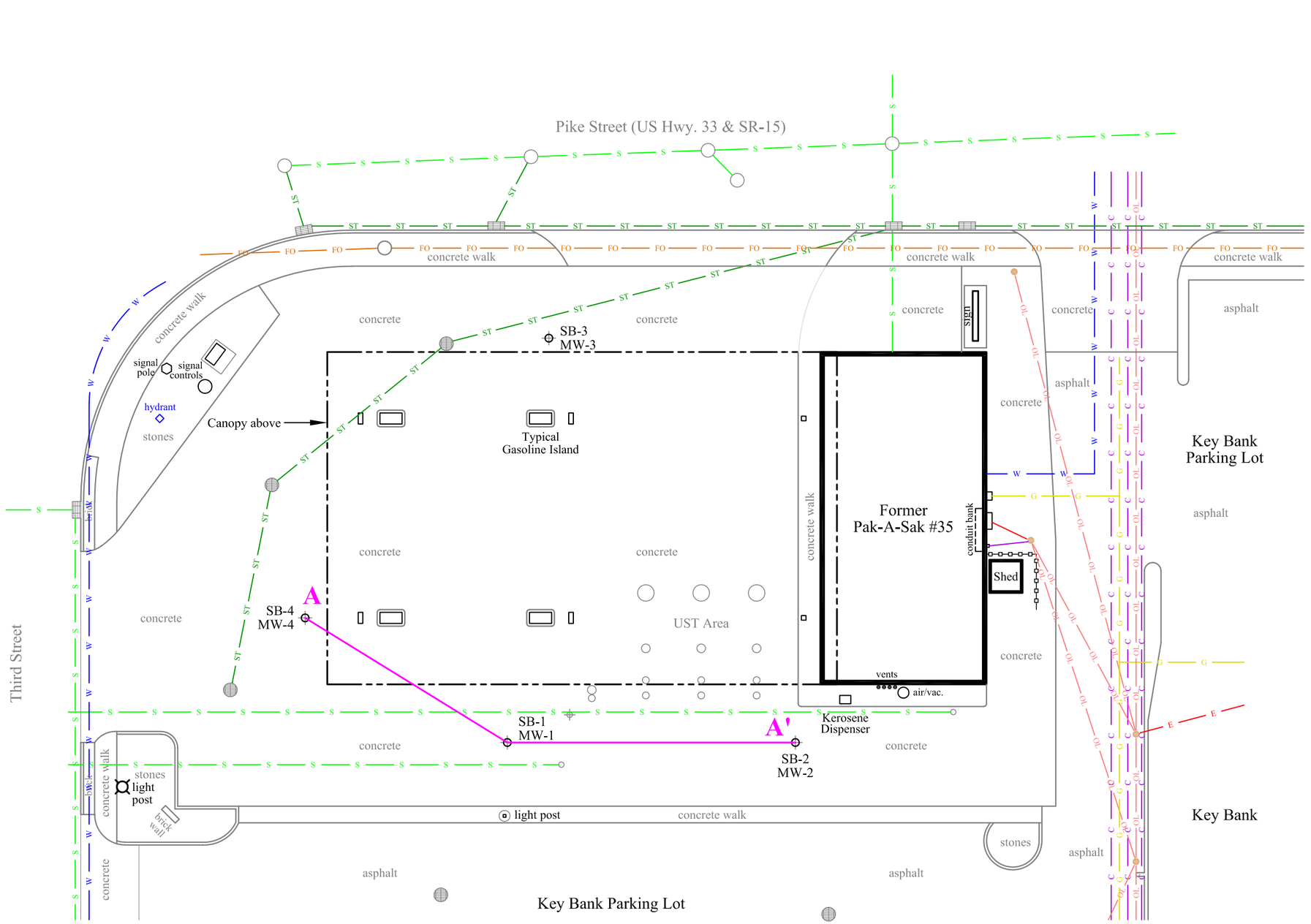
Title:

Soil Sample Locations and Analytical Results

Location: Former Pak-A-Sak #35, 112 W. Pike Street, Goshen, IN

Scale: 1" = 20'

Figure: 4



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Standard Legend

Water Line	Electric Line
Gas Line	Communication Line
Sewer Line	Storm Sewer Line
Fiber Optic Line	Overhead Line
Monitoring Well	Soil Boring

Legend

A——A' Cross Section Location

Drawn By: R.N. Date: 5-15-24	Checked By: R.P. Date: 5-16-24
File No.: J100-GOS1-113-0	Revision: 0

Title:

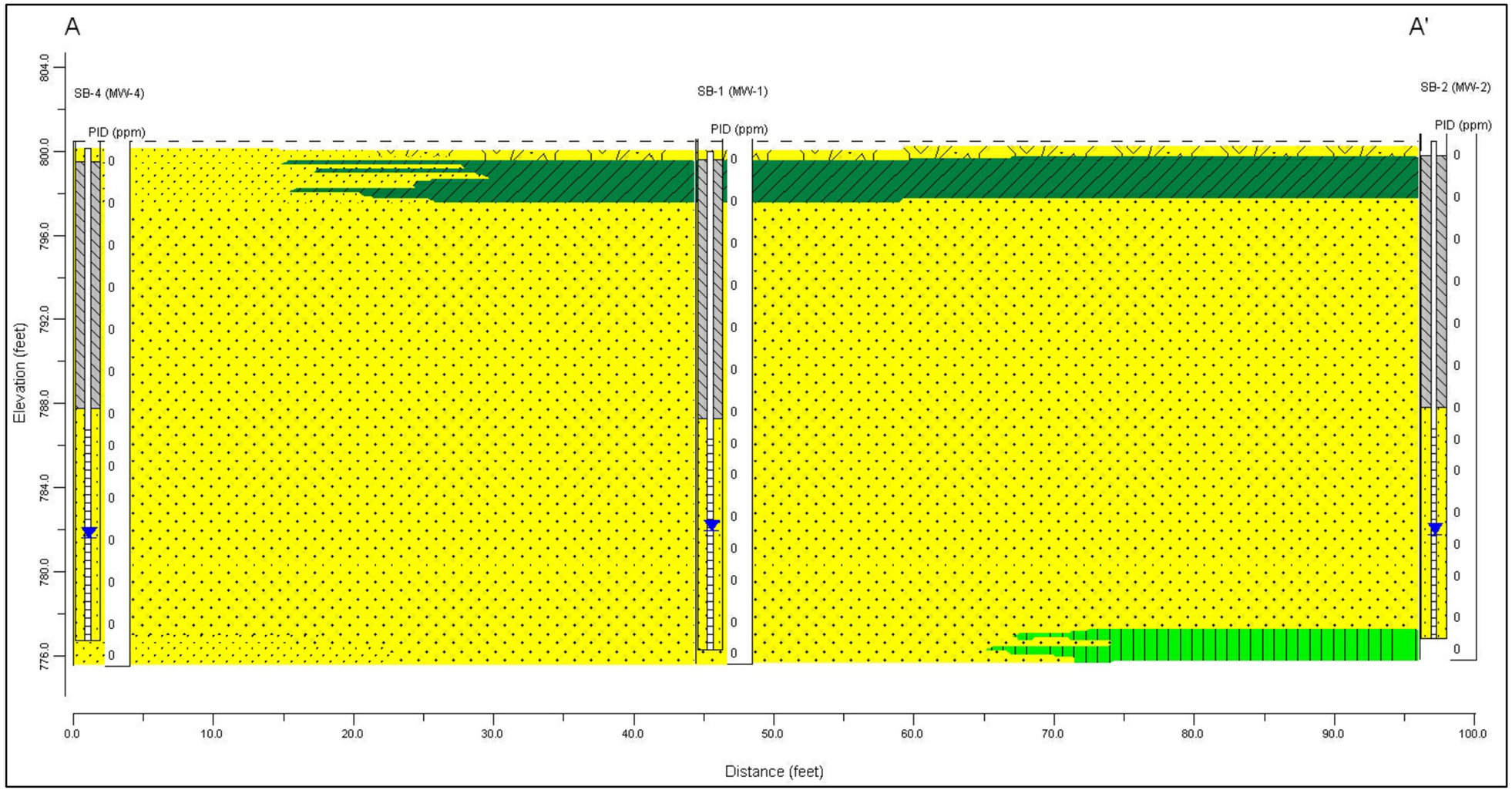
Geologic Cross Section Location

Location: Former Pak-A-Sak #35, 112 W. Pike Street, Goshen, IN

Scale: 1" = 20'

20'

Figure: 5a



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Standard Legend

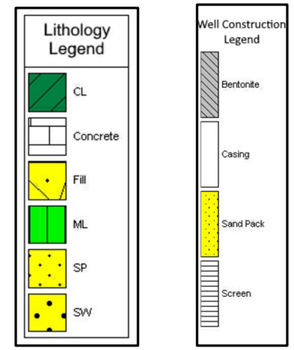
Water Line — Electric Line
Gas Line — Communication Line
Sewer Line — Storm Sewer Line
Fiber Optic Line — Overhead Line
Monitoring Well — Soil Boring

Legend

0 PID Reading (ppm)

Approx. Water Table on 2-5-24

Note:
Vertical Exaggeration Scale = 1.5X
PID = Photoionization Detector
ppm = parts per million

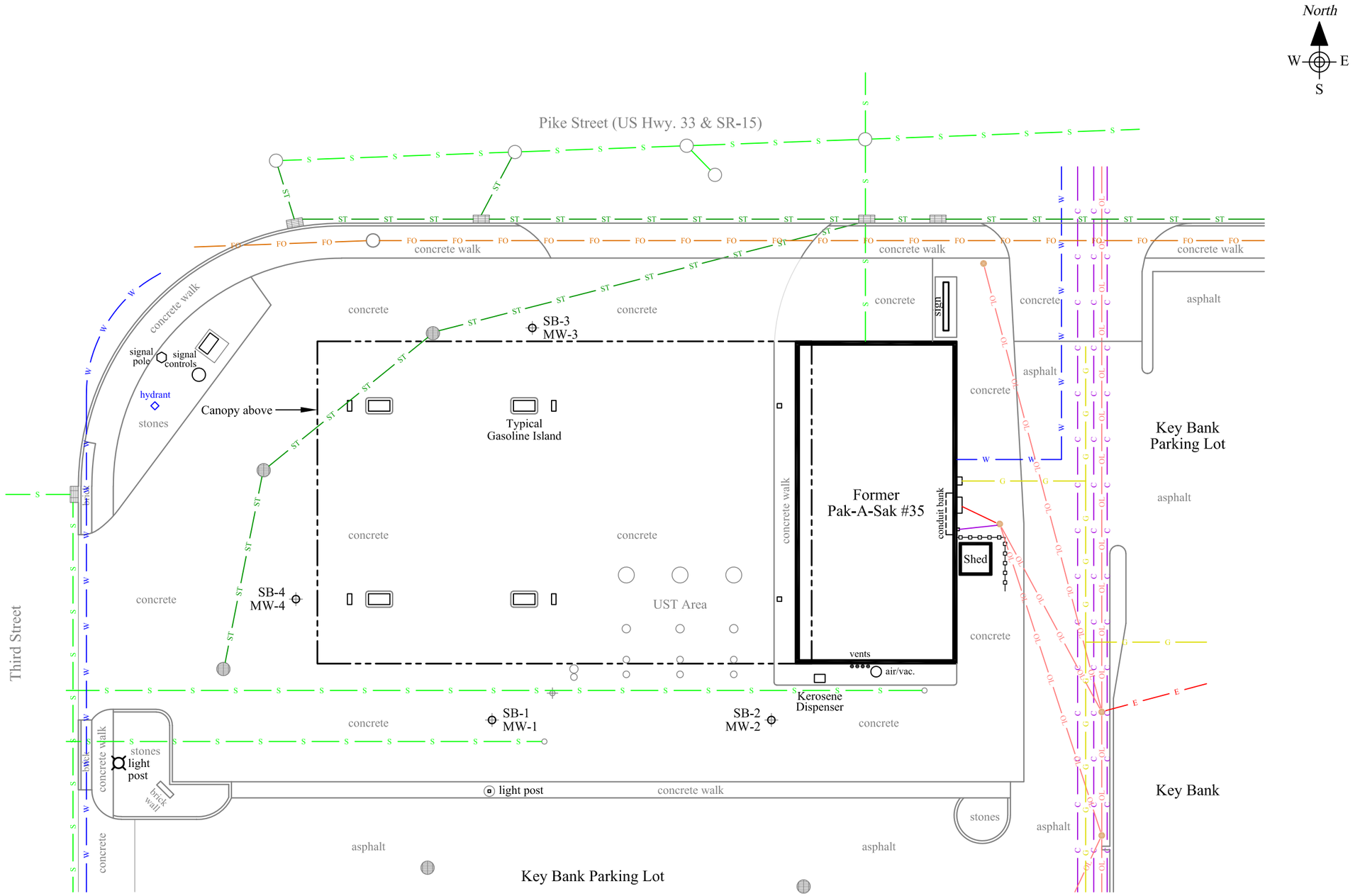


Drawn By: R.N. Date: 5-15-24	Checked By: R.P. Date: 5-16-24
File No.: J100-GOS1-114-0	Revision: 0

Title:
Geologic
Cross Section
A-A'

Location: Former
Pak-A-Sak #35
112 W. Pike Street
Goshen, IN

Scale: AS NOTED	Figure: 5b



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Standard Legend

Water Line	Electric Line
Gas Line	Communication Line
Sewer Line	Storm Sewer Line
Fiber Optic Line	Overhead Line
Monitoring Well	Soil Boring

Legend

VOCs = Volatile organic compounds

No analytical results exceeded IDEM R2 Published Levels; therefore, no isopleths are depicted on this figure.

IDEM R2 = Indiana Department of Environmental Management Risk-Based Closure Guide Published Levels effective as of March 1, 2024.

Drawn By: R.N. Date: 5-15-24	Checked By: R.P. Date: 5-16-24
File No.: J100-GOS1-115-0	Revision: 0

Title:

Soil Isopleth
Select VOCs and Lead

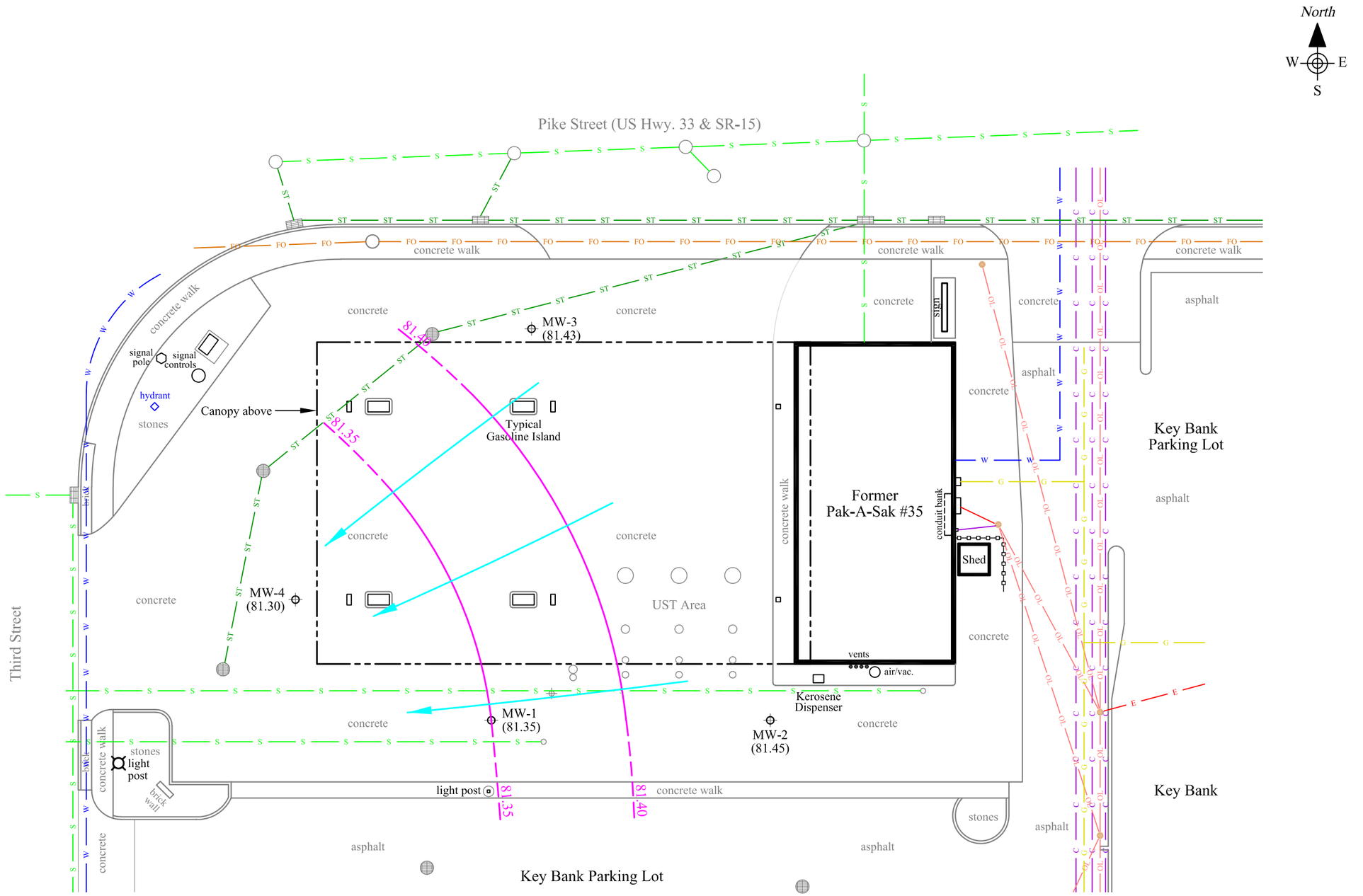
Location:

Former
Pak-A-Sak #35
112 W. Pike Street
Goshen, IN

Scale: 1" = 20'

20'

Figure: 6



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Standard Legend

Water Line	Electric Line
Gas Line	Communication Line
Sewer Line	Storm Sewer Line
Fiber Optic Line	Overhead Line
Monitoring Well	Soil Boring

Legend

- Groundwater Flow Direction
- 81.35 Potentiometric Contour (ft.)
- (81.35) Groundwater Elevation (ft.)

Drawn By: R.N. Date: 5-15-24	Checked By: R.P. Date: 5-16-24
File No.: J100-GOS1-116-0	Revision: 0

Title:

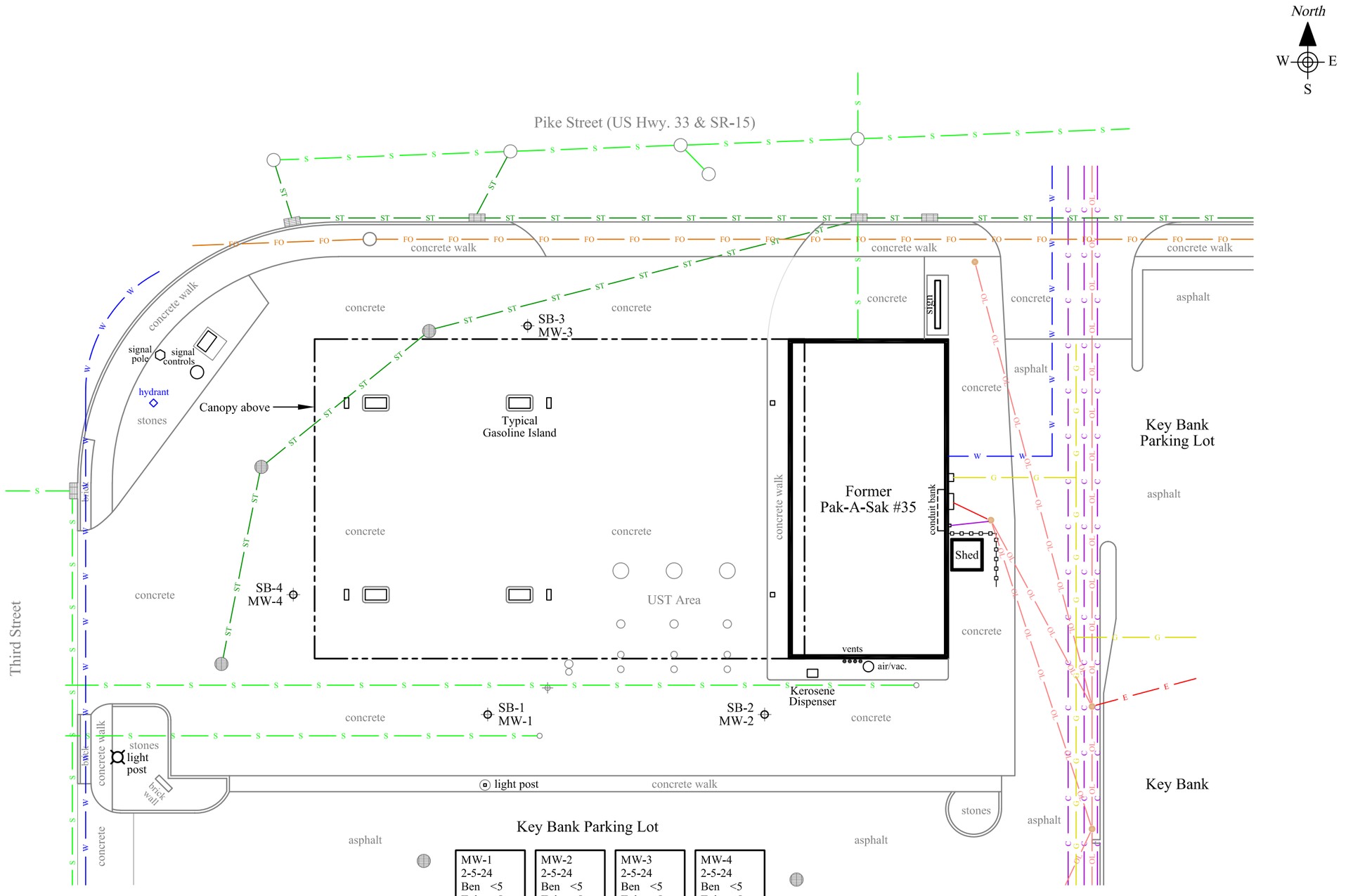
Current Groundwater Flow February 5, 2024

Location: Former Pak-A-Sak #35, 112 W. Pike Street, Goshen, IN

Scale: 1" = 20'

20'

Figure: 7



MW-1		MW-2		MW-3		MW-4	
2-5-24		2-5-24		2-5-24		2-5-24	
Ben	<5	Ben	<5	Ben	<5	Ben	<5
Tol	<5	Tol	<5	Tol	<5	Tol	<5
Eth	<5	Eth	<5	Eth	<5	Eth	<5
Xyl	<10	Xyl	<10	Xyl	<10	Xyl	<10
Mtb	<5	Mtb	<5	Mtb	<5	Mtb	<5
4-T	<5	4-T	<5	4-T	<5	4-T	<5
5-T	<5	5-T	<5	5-T	<5	5-T	<5
1-M	<5	1-M	<5	1-M	<5	1-M	<5
2-M	<5	2-M	<5	2-M	<5	2-M	<5
Nap	<1	Nap	<1	Nap	<1	Nap	<1
TLe	<10	TLe	<10	TLe	<10	TLe	<10
DLe	<10	DLe	<10	DLe	<10	DLe	<10

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Standard Legend

Water Line — Electric Line
Gas Line — Communication Line
Sewer Line — Storm Sewer Line
Fiber Optic Line — Overhead Line
Monitoring Well — Soil Boring

Legend

Monitoring Well No.	
Date Sampled	
Ben	Benzene
Tol	Toluene
Eth	Ethylbenzene
Xyl	Xylenes
Mtb	Methyl tertiary-butyl ether (MTBE)
4-T	1,2,4-Trimethylbenzene
5-T	1,3,5-Trimethylbenzene
1-M	1-Methylnaphthalene
2-M	2-Methylnaphthalene
Nap	Naphthalene
TLe	Total Lead
DLe	Dissolved Lead

Results reported in parts per billion (ppb)
VOCs = Volatile organic compounds
Analytical results compared to 2024 IDEM Risk-Based Closure Guide Published Levels
Results shown in RED exceed IDEM R2 Published Screening Levels

Note:
Only select VOCs are depicted on this figure. See Table #4 for a complete listing of parameters and analytical results.

Drawn By: R.N. Date: 5-15-24
Checked By: R.P. Date: 5-16-24

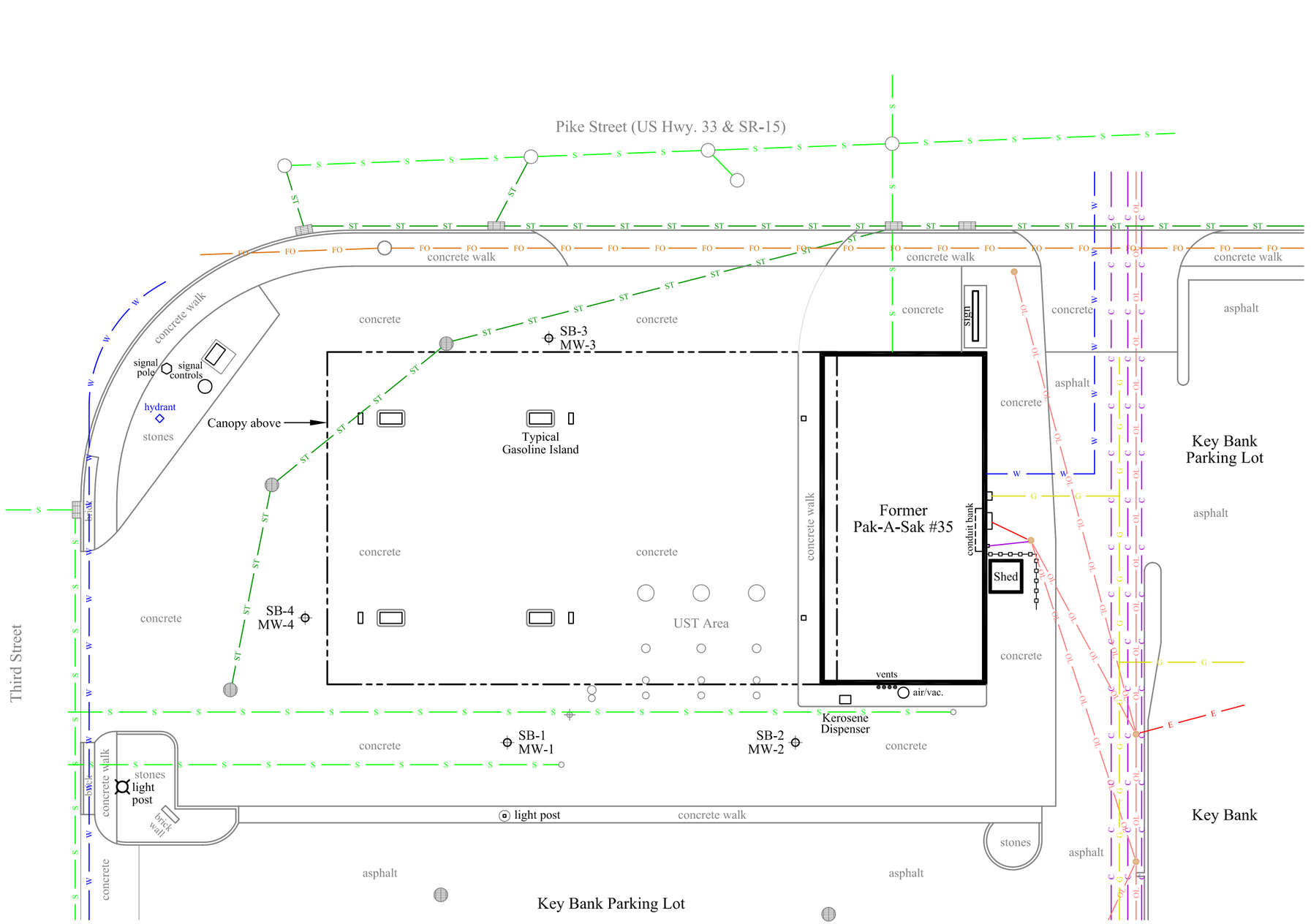
File No.: J100-GOS1-117-0
Revision: 0

Title: Groundwater Sample Locations and Analytical Results February 5, 2024

Location: Former Pak-A-Sak #35 112 W. Pike Street Goshen, IN

Scale: 1" = 20'
20'

Figure: 8



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Standard Legend

Water Line	Electric Line
Gas Line	Communication Line
Sewer Line	Storm Sewer Line
Fiber Optic Line	Overhead Line
Monitoring Well	Soil Boring

Legend

VOCs = Volatile organic compounds

No analytical results exceeded IDEM R2 Published Levels; therefore, no isopleths are depicted on this figure.

IDEM R2 = Indiana Department of Environmental Management Risk-Based Closure Guide Published Levels for residential groundwater exposure effective as of March 1, 2024.

Drawn By: R.N. Date: 5-15-24	Checked By: R.P. Date: 5-16-24
File No.: J100-GOS1-118-0	Revision: 0

Title:

Groundwater Isopleth Select VOCs and Lead

Location:

Former
Pak-A-Sak #35
112 W. Pike Street
Goshen, IN

Scale: 1" = 20'

20'

Figure: 9

Figure 10
Conceptual Site Model
Former Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana
FID #19033

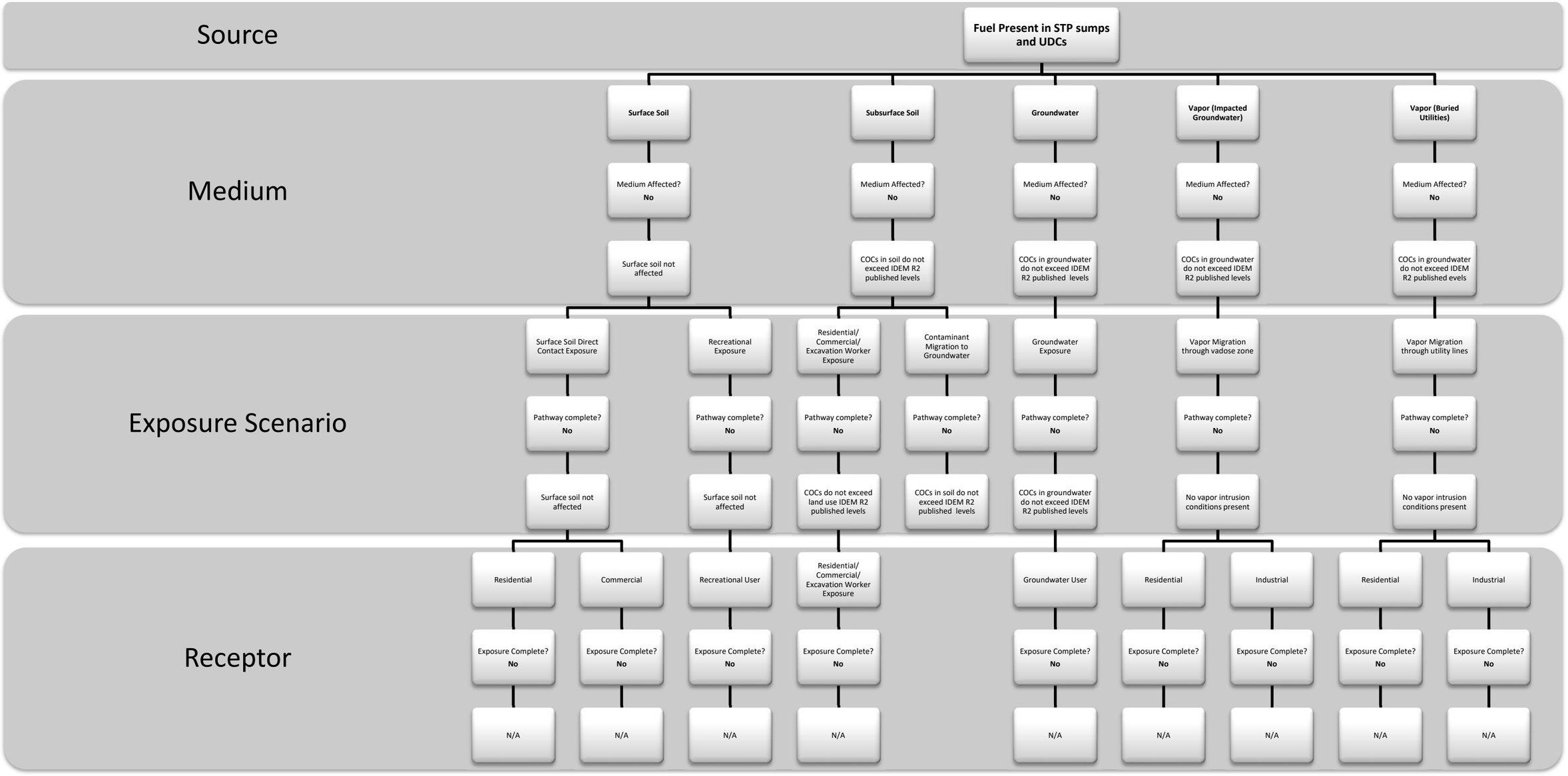


Figure 10
Conceptual Site Model

TABLES

TABLE 1
Chemicals of Concern
Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana

Potential Petroleum Contaminants	Analytical Method Used	
	Soil	Groundwater
Volatile Organic Compounds (VOCs)	8260	8260
Lead	6010	6010

TABLE 2
Soil Analytical Results Summary - VOCs & Lead
Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana

Analyte	Sample ID	SB-1	SB-2	SB-3	SB-4		*IDEM R2 Published Levels*		
	Date	8/10/23	8/10/23	8/10/23	1/25/24	DUP-2	***Residential***	***Commercial***	***Excavation***
	Depth	17-19	17-19	24-25	18-20				
	PID	ND	ND	ND	ND				
Acetone		< 0.105	< 0.104	< 0.118	< 0.104	< 0.105	*uA*	*uA*	*100,000*
Acrolein*		< 0.00018	< 0.00018	< 0.00020	< 0.00018	< 0.00018	*uA*	*uA*	*3.0*
Acrylonitrile		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	*uA*	*uA*	*300*
Benzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*2,000*
Bromobenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*700*
Bromochloromethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*4,000*
Bromodichloromethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*900*
Bromoform		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*900*
Bromomethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*200*
n-Butanol		< 0.053	< 0.052	< 0.059	< 0.052	< 0.053	*uA*	*uA*	*8,000*
2-Butanone (MEK)		< 0.011	< 0.010	< 0.012	< 0.010	< 0.011	*uA*	*uA*	*30,000*
n-Butylbenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*100*
sec-Butylbenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*100*
tert-Butylbenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*200*
Carbon Disulfide		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*700*
Carbon Tetrachloride		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*500*
Chlorobenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*800*
Chloroethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*1,000*
2-Chloroethylvinylether		< 0.053	< 0.052	< 0.059	< 0.052	< 0.053	*uA*	*uA*	*uA*
Chloroform		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*2,000*
Chloromethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*1,000*
2-Chlorotoluene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*900*
4-Chlorotoluene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*300*
1,2-Dibromo-3-chloropropane*		< 0.0018	< 0.0018	< 0.0020	< 0.0018	< 0.0018	*0.07*	*0.6*	*90*
Dibromochloromethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*800*
1,2-Dibromoethane (EDB)*		< 0.00029	< 0.00029	< 0.00033	< 0.00029	< 0.00029	*uA*	*uA*	*200*
Dibromomethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*600*
1,2-Dichlorobenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*400*
1,3-Dichlorobenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*uA*
1,4-Dichlorobenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*20,000*
trans-1,4-Dichloro-2-butene*		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*10*
Dichlorodifluoromethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*800*
1,1-Dichloroethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*2,000*
1,2-Dichloroethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*700*
1,1-Dichloroethene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*1,000*
cis-1,2-Dichloroethene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*1,000*
trans-1,2-Dichloroethene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*2,000*
1,2-Dichloropropane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*400*
1,3-Dichloropropane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*1,000*
2,2-Dichloropropane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*uA*
1,1-Dichloropropene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*uA*
1,3-Dichloropropene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*2,000*
Ethylbenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*500*
Ethyl methacrylate		< 0.105	< 0.104	< 0.118	< 0.104	< 0.105	*uA*	*uA*	*1,000*
Hexachloro-1,3-butadiene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*20*	*20*	*20*
n-Hexane		< 0.011	< 0.010	< 0.012	< 0.010	< 0.011	*uA*	*uA*	*100*
2-Hexanone		< 0.011	< 0.010	< 0.012	< 0.010	< 0.011	*uA*	*uA*	*3,000*
Iodomethane		< 0.011	< 0.010	< 0.012	< 0.010	< 0.011	*uA*	*uA*	*uA*
Isopropylbenzene (Cumene)		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*300*
p-Isopropyltoluene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*uA*
Methylene chloride		< 0.021	< 0.021	< 0.024	< 0.021	< 0.021	*uA*	*uA*	*3,000*
4-Methyl-2-pentanone (MIBK)		< 0.011	< 0.010	< 0.012	< 0.010	< 0.011	*uA*	*uA*	*3,000*
Methyl tertiary-butyl ether (MTBE)		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*9,000*
1-Methylnaphthalene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*300*	*400*	*400*
2-Methylnaphthalene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*300*	*3,000*	*7,000*
Naphthalene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*30*	*90*	*300*
n-Propylbenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*300*
Styrene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*900*
1,1,1,2-Tetrachloroethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*700*
1,1,2,2-Tetrachloroethane*		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*2,000*
Tetrachloroethene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*200*
Toluene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*800*
1,2,3-Trichlorobenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*90*	*900*	*2,000*
1,2,4-Trichlorobenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*80*	*300*	*400*
1,1,1-Trichloroethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*600*
1,1,2-Trichloroethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*30*
Trichloroethene (TCE)		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*100*
Trichlorofluoromethane		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*1,000*
1,2,3-Trichloropropane*		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*50*
1,2,4-Trimethylbenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*200*
1,3,5-Trimethylbenzene		< 0.005	< 0.005	< 0.006	< 0.005	< 0.005	*uA*	*uA*	*200*
Vinyl acetate		< 0.011	< 0.010	< 0.012	< 0.010	< 0.011	*uA*	*uA*	*3,000*
Vinyl chloride*		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	*uA*	*uA*	*1,000*
Xylene, Total		< 0.011	< 0.010	< 0.012	< 0.010	<0.011	*uA*	*uA*	*300*
Lead, Total		2.6	2.6	< 2	< 2	< 2	*400*	*800*	*1,000*

Results presented in parts per million (ppm)
Depth in feet below ground surface
VOCs = Volatile organic compounds
PID = Photoionization detector reading
ND = Non-Detect
DUP-2 = Duplicate sample collected from SB-4 (18-20') on January 25, 2024
uA = Unavailable; Screening level not established for this parameter
*Laboratory detection limit exceeds one or more screening level
IDEM R2 = Indiana Department of Environmental Management Risk-based Closure Guide Published levels effective as of March 1, 2024
Results in **BOLD** exceed IDEM R2 published levels (none present)

TABLE 3
Groundwater and Well Screen Elevation Data Summary
Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana

Well ID	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	08/14/23	100.00	18.33	81.67	NM	NA	24.31	75.69-85.69
	02/05/24		18.65	81.35	NM	NA		
MW-2	08/14/23	100.47	18.70	81.77	NM	NA	23.99	76.48-86.48
	02/05/24		19.02	81.45	NM	NA		
MW-3	08/14/23	100.02	18.34	81.68	NM	NA	23.82	76.20-86.20
	02/05/24		18.59	81.43	NM	NA		
MW-4	02/05/24	100.18	18.88	81.30	NM	NA	23.75	76.43-86.43

All measurements reported in feet (ft)

Elevations referenced to an on-site benchmark (top of casing of well MW-1) assigned an elevation of 100.00 ft

NM = None measured; free product not encountered

NA = Not applicable; groundwater elevation does not need adjusted

TABLE 4
Groundwater Analytical Results Summary - VOCs & Lead
Pak-A-Sak #35
112 West Pike Street
Goshen, Indiana

Analyte	Sample ID	MW-1		MW-2			MW-3		MW-4	*IDEM R2 Published Levels*
	Date	08/14/23	02/05/24	08/14/23	02/05/24	DUP-1	08/14/23	02/05/24	02/05/24	*Residential*
Acetone		< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	*20,000*
Acrolein*		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	*0.04*
Acrylonitrile		< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	*0.5*
Benzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*5*
Bromobenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*60*
Bromochloromethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*80*
Bromodichlormethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*80*
Bromoform		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*80*
Bromomethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*8*
n-Butanol		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	*2,000*
2-Butanone (MEK)		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	*6,000*
n-Butylbenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*1,000*
sec-Butylbenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*2,000*
tert-Butylbenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*700*
Carbon Disulfide		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*800*
Carbon Tetrachloride		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*5*
Chlorobenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*100*
Chloroethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*8,000*
2-Chloroethylvinylether		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	*uA*
Chloroform		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*80*
Chloromethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*200*
2-Chlorotoluene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*200*
4-Chlorotoluene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*300*
1,2-Dibromo-3-chloropropane*		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	*0.2*
Dibromochloromethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*80*
1,2-Dibromoethane (EDB)*		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	*0.05*
Dibromomethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*8*
1,2-Dichlorobenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*600*
1,3-Dichlorobenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*uA*
1,4-Dichlorobenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*75*
trans-1,4-Dichloro-2-butene*		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	*0.01*
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*200*
1,1-Dichloroethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*30*
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*5*
1,1-Dichloroethene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*7*
cis-1,2-Dichloroethene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*70*
trans-1,2-Dichloroethene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*100*
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*5*
1,3-Dichloropropane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*400*
2,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*uA*
1,1-Dichloropropene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*uA*
1,3-Dichloropropene		< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	*5*
Ethylbenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*700*
Ethyl methacrylate		< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	*600*
Hexachloro-1,3-butadiene*		< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	*1*
n-Hexane		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	*2,000*
2-Hexanone		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	*40*
Iodomethane		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	*uA*
Isoproplybenzene (Cumene)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*500*
p-Isopropyltoluene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*uA*
Methylene chloride		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*5*
4-Methyl-2-pentanone (MIBK)		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	*6,000*
Methyl tertiary-butyl ether (MTBE)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*100*
1-Methylnaphthalene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*10*
2-Methylnaphthalene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*40*
Naphthalene		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	*1*
n-Propylbenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*700*
Styrene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*100*
1,1,1,2-Terachloroethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*6*
1,1,2,2-Tetrachloroethane		< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	*0.8*
Tetrachloroethene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*5*
Toluene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*1,000*
1,2,3-Trichlorobenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*7*
1,2,4-Trichlorobenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*70*
1,1,1-Trichloroethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*200*
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*5*
Trichloroethene (TCE)		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*5*
Trichlorofluoromethane		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*5,000*
1,2,3-Trichloropropane*		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	*0.008*
1,2,4-Trimethylbenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*60*
1,3,5-Trimethylbenzene		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	*60*
Vinyl acetate		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	*400*
Vinyl chloride		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	*2*
Xylene, Total		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	*10,000*
Lead, Total		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	*15*
Lead, Dissolved		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	*15*

Results presented in parts per billion (ppb)
VOCs = Volatile Organic Compounds
uA = Unavailable; IDEM R2 published level not established for this parameter
*Indicates laboratory detection limit exceeds IDEM R2 published level
DUP-1 = Duplicate sample of MW-2 collected on February 5, 2024
IDEM R2 = Indiana Department of Environmental Management Risk-based Closure Guide Published levels effective as of March 1, 2024
Results in **BOLD** exceed IDEM R2 published levels (none present)

APPENDIX B

BORING LOGS AND MONITORING WELL CONSTRUCTION DIAGRAMS

Creek Run L.L.C.
ENVIRONMENTAL ENGINEERING
"Taking Pride In What We Do!"

Client: Jay Petroleum
Project: #0035 JPI Goshen
Address: 112 W. Pike
City, State: Goshen, IN
Field Supervisor: Mason Frauhiger
Driller/License #: Nick LaTulip #4244
Drill Rig: Geoprobe 7822 DT **Date Drilled:** 8-10-23
Ground / TOC Elevation (ft): 100.59 / 100.00 **DTW (feet):** 19.0
Auger Diam (in) / Depth (ft): 4.25 / 24
Boring Diam (in) / Depth (ft): 2 / 25
Unless Otherwise Noted: Headspace readings measured using a Mini Rae photoionization detector
Hardness determined using a pocket penetrometer
▼ =Encountered Groundwater

Boring ID
SB-1

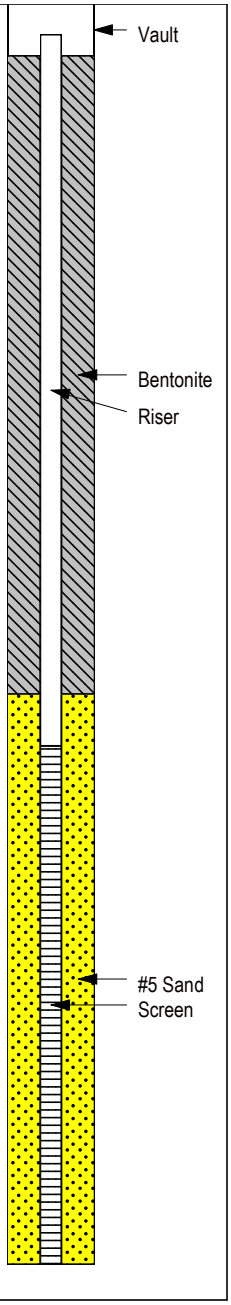
Well ID
MW-1

Coordinates
Zone 16T
Meters East
597038.12
Meters North
4604784.50

Hardness Scale
<0.25 - Very Soft
0.25-0.50 - Soft
0.50-1.0 - Medium
1.0-2.0 - Stiff
2.0-4.0 - Very Stiff
>4.0 - Hard

Abbreviations
in=inches
ft=feet
DTW=Depth to Water
Diam=Diameter
HA=Hand Augered
TOC=Top of Casing
UNC=Unconsolidated

Depth (ft)	USCS Symbol	Lithologic Description	Headspace (ppm)	Sample	Hardness (tsf)	% Recovery
0		Concrete				
		Fill: Gravel, fine grained, dry	0		Unc	HA
2	CL	CL: Silty clay; and sand, fine-coarse grained; very dark grayish brown (10YR 3/2), moist	0		Unc	HA
	SW	SW: Sand, fine-coarse grained; dark yellowish brown (10YR 3/6), moist				
4			0		Unc	HA
		SW: becomes dark yellowish brown (10YR 4/4)				
6			0		Unc	40
8			0		Unc	40
10		SW: Sand, fine-coarse grained; trace gravel, fine grained; brown (10YR 4/3), moist	0		Unc	60
12			0		Unc	60
14			0		Unc	60
16		SW: Sand, fine-coarse grained; little gravel, fine grained brown (10YR 4/3), moist	0		Unc	60
18			0	■	Unc	60
		SW: becomes wet	0		Unc	60
20		SW: Sand, fine-coarse grained; trace grace gravel, fine grained brown (10YR 4/3), wet	0		Unc	80
22			0		Unc	80
24		SW: Sand, fine-coarse grained; brown (10YR 4/3), wet	0		Unc	80



NOTES: SB-1 liner retrieved at 08:55, sample collected at 09:03
Well installed on 8-11-23

Creek Run L.L.C.
ENVIRONMENTAL ENGINEERING
"Taking Pride In What We Do!"

Client: Jay Petroleum
Project: #0035 JPI Goshen
Address: 112 W. Pike
City, State: Goshen, IN
Field Supervisor: Mason Frauhiger
Driller/License #: Nick LaTulip #4244
Drill Rig: Geoprobe 7822 DT **Date Drilled:** 8-10-23
Ground / TOC Elevation (ft): 100.78 / 100.47 **DTW (feet):** 19.0
Auger Diam (in) / Depth (ft): 4.25 / 24
Boring Diam (in) / Depth (ft): 2 / 25
Unless Otherwise Noted: Headspace readings measured using a Mini Rae photoionization detector
Hardness determined using a pocket penetrometer
▼ =Encountered Groundwater

Boring ID
SB-2

Well ID
MW-2

Coordinates
Zone 16T
Meters East 597053.86
Meters North 4604784.50

Hardness Scale
<0.25 - Very Soft
0.25-0.50 - Soft
0.50-1.0 - Medium
1.0-2.0 - Stiff
2.0-4.0 - Very Stiff
>4.0 - Hard

Abbreviations
in=inches
ft=feet
DTW=Depth to Water
Diam=Diameter
HA=Hand Augered
TOC=Top of Casing
UNC=Unconsolidated

Depth (ft)	USCS Symbol	Lithologic Description	Headspace (ppm)	Sample	Hardness (tsf)	% Recovery
0		Concrete				
		Fill: Gravel, fine grained, dry	0		0.25	HA
2		CL: Silty clay; trace gravel, fine grained; some sand, fine-coarse grained; dark yellowis brown (10YR 3/4), moist	0		Unc	HA
		SW: Sand, fine-coarse grained; dark yellowish brown (10YR 4/4), moist				
4		SW: Sand, fine-coarse grained; and gravel, fine grained; dark brown (10YR 3/3), moist	0		Unc	HA
6		SW: Sand, fine-coarse grained; trace gravel, fine grained; brown (10YR 4/3), moist	0		Unc	40
8			0		Unc	40
10			0		Unc	40
12			0		Unc	40
14		SW: becomes dark yellowish brown (10YR 3/4)	0		Unc	40
16		SW: Sand, fine-coarse grained; brown (10YR 5/3), moist	0		Unc	70
18		SW: Sand, fine-coarse grained; trace gravel, fine grained; brown (10YR 5/3), moist	0		Unc	70
		SW: becomes dark brown (10YR 3/3), becomes wet	0		Unc	70
20		SW: becomes dark grayish brown (10YR 4/2)	0		Unc	60
22			0		Unc	60
24		ML: Silt; grayish brown (10YR 5/2), wet				
		ML: Silt; trace sand, fine grained; grayish brown (10YR 5/2), wet	0		Unc	60

Well Construction Diagram: Vault; Bentonite; Riser; #5 Sand Screen

NOTES: SB-2 liner retrieved at 09:57, sample collected at 10:06
Well installed on 8-11-23

Creek Run L.L.C.
ENVIRONMENTAL ENGINEERING
"Taking Pride In What We Do!"

Client: Jay Petroleum
Project: #0035 JPI Goshen
Address: 112 W. Pike
City, State: Goshen, IN
Field Supervisor: Mason Frauhiger
Driller/License #: Nick LaTulip #4244
Drill Rig: Geoprobe 7822 DT **Date Drilled:** 8-10-23
Ground / TOC Elevation (ft): 100.44 / 100.02 **DTW (feet):** 19.0
Auger Diam (in) / Depth (ft): 4.25 / 24
Boring Diam (in) / Depth (ft): 2 / 25
Unless Otherwise Noted: Headspace readings measured using a Mini Rae photoionization detector
Hardness determined using a pocket penetrometer
▼ =Encountered Groundwater

Boring ID
SB-3

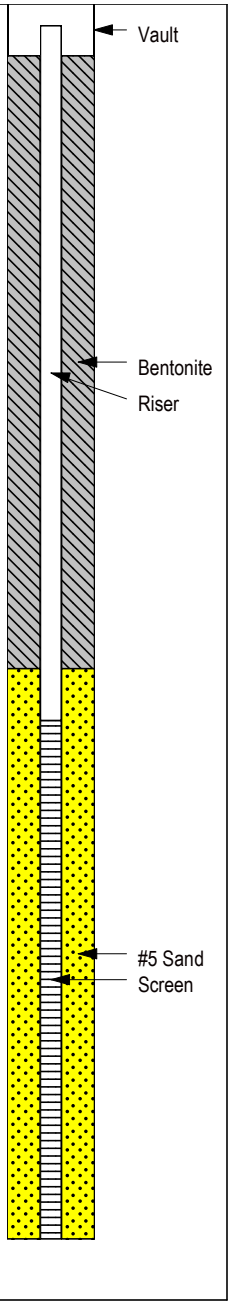
Well ID
MW-3

Coordinates
Zone 16T
Meters East
597040.35
Meters North
4604805.98

Hardness Scale
<0.25 - Very Soft
0.25-0.50 - Soft
0.50-1.0 - Medium
1.0-2.0 - Stiff
2.0-4.0 - Very Stiff
>4.0 - Hard

Abbreviations
in=inches
ft=feet
DTW=Depth to Water
Diam=Diameter
HA=Hand Augered
TOC=Top of Casing
UNC=Unconsolidated

Depth (ft)	USCS Symbol	Lithologic Description	Headspace (ppm)	Sample	Hardness (tsf)	% Recovery
0		Concrete				
	Fill	Fill: Gravel, fine grained, dry	0		0.25	HA
2	CL	CL: Silty clay; little sand, fine-coarse grained; very dark grayish brown (10YR 3/2), moist	0		Unc	HA
4	SW	SW: Sand, fine-coarse grained; dark yellowish brown (10YR 3/4), moist	0		Unc	HA
6	SW	SW: Sand, fine-coarse grained; trace gravel, fine grained; dark brown (10YR 3/3), moist	0		Unc	20
8	SW		0		Unc	20
10	SW	SW: becomes brown (10YR 4/3)	0		Unc	40
12	SW		0		Unc	40
14	SW		0		Unc	40
16	SW	SW: Sand, fine-coarse grained; little gravel, fine grained; brown (10YR 4/3), moist	0		Unc	40
18	SW		0		Unc	40
	SW	SW: becomes wet	0		Unc	40
20	SW	SW: Sand, fine-coarse grained; and gravel, fine grained; some silt; brown (10YR 5/3), wet	0		Unc	50
22	ML	ML: Silt; brown (10YR 5/3), wet				
	ML	ML: Silt; and sand, fine grained; brown (10YR 5/3), wet	0		Unc	50
24			0		Unc	50



NOTES: SB-3 liner retrieved at 10:41, sample collected at 10:48
Well installed 8-11-23

Creek Run L.L.C.
ENVIRONMENTAL ENGINEERING
Taking Pride In What We Do!

Client: Jay Petroleum
Project: #0035 JPI Goshen
Address: 112 W. Pike
City, State: Goshen, IN
Field Supervisor: Ryan Peterson
Driller/License #: Nick LaTulip #4244
Drill Rig: Geoprobe 7822 DT **Date Drilled:** 1-25-24
Ground / TOC Elevation (ft): 100.53 / 100.18 **DTW (feet):** 19.5
Auger Diam (in) / Depth (ft): 4.25 / 24
Boring Diam (in) / Depth (ft): 2 / 25
Unless Otherwise Noted: Headspace readings measured using a Mini Rae photoionization detector
Hardness determined using a pocket penetrometer
▼ =Encountered Groundwater

Hardness Scale
<0.25 - Very Soft
0.25-0.50 - Soft
0.50-1.0 - Medium
1.0-2.0 - Stiff
2.0-4.0 - Very Stiff
>4.0 - Hard

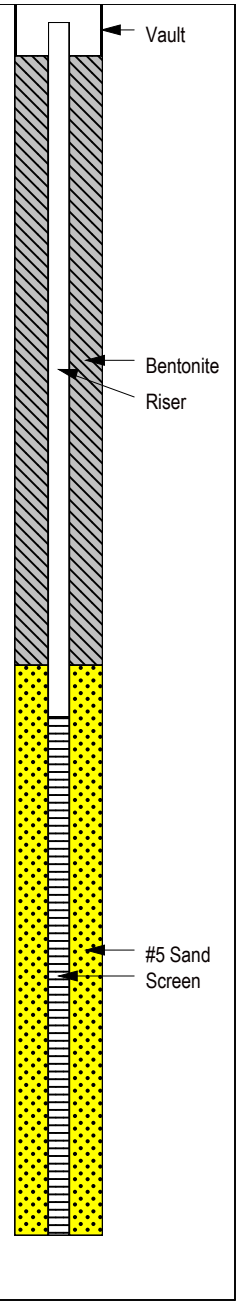
Abbreviations
in=inches
ft=feet
DTW=Depth to Water
Diam=Diameter
HA=Hand Augered
TOC=Top of Casing
UNC=Unconsolidated

Boring ID
SB-4

Well ID
MW-4

Coordinates
Zone 16T
Meters East
597025.96
Meters North
4604790.47

Depth (ft)	USCS Symbol	Lithologic Description	Headspace (ppm)	Sample	Hardness (tsf)	% Recovery
0		Concrete: white, dry				
0–2	SP	SP: Sand, medium grained; some silt; some gravel; dark yellowish brown (10YR 4/4), moist	0		Unc	HA
2–4	SW	SW: Sand, fine-medium grained; trace gravel; brown (10YR 4/3), brown, moist	0		Unc	HA
4–6	SW	SW: Sand, fine-medium grained; trace gravel; brown (10YR 4/3), brown, moist	0		Unc	40
6–8	SW	SW: Sand, fine-medium grained; trace gravel; brown (10YR 4/3), brown, moist	0		Unc	40
8–10	SW	SW: Sand, fine-medium grained; trace gravel; brown (10YR 4/3), brown, moist	0		Unc	40
10–12	SW	SW: Sand, fine-medium grained; trace gravel; brown (10YR 4/3), brown, moist	0		Unc	70
12–14	SW	SW: Sand, fine-medium grained; some gravel; brown (10YR 4/3), moist	0		Unc	70
14–16	SW	SW: becomes yellowish brown (10YR 5/6)	0		Unc	70
16–18	SW	SW: becomes yellowish brown (10YR 5/6)	0		Unc	75
18–20	SW	SW: becomes yellowish brown (10YR 5/6)	0		Unc	75
20–22	SW	SW: becomes wet; SW: Sand, fine-medium grained; trace gravel; brown (10YR 5/3), wet	0		Unc	80
22–24	SW	SW: Sand, fine-medium grained; trace gravel; brown (10YR 5/3), wet	0		Unc	80
24	SP	SP: Sand, fine grained; and silt; gray (10YR 5/1), wet	0		Unc	80



NOTES: SB-4 (18-20') liner retrieved at 09:47, sample collected at 09:52

APPENDIX C

SOIL AND GROUNDWATER LABORATORY ANALYTICAL REPORTS

ENVision Laboratories, Inc.
1439 Sadlier Circle West Drive
Indianapolis, IN 46239
Tel: 317.351.8632
Fax: 317.351.8639
www.envisionlaboratories.com

Mr. Ryan Peterson
Creek Run
P.O. Box 114
Montpelier, IN 47359

February 2, 2024

ENVision Project Number: 2024-142
Client Project Name: Goshen, 112 W Pike Street

Dear Mr. Peterson,

Please find the attached analytical report for the samples received January 26, 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.

The reference for the preservation technique utilized by ENVision Laboratories for Volatile Organics in soil may be found on Table A.1 (p. 42) of Method 5035A: Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples, July 2002, Draft Revision 1.

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,

Cheryl A. Crum

Director of Project Management
ENVision Laboratories, Inc.

ENVision Laboratories, Inc.
1439 Sadlier Circle West Drive
Indianapolis, IN 46239
Tel: 317.351.8632
Fax: 317.351.8639
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Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 W. PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-142

Analytical Method: EPA 8260
Prep Method: EPA 5035A
Analytical Batch: 012624VS

Client Sample ID: SB-4 (18-20')
Envision Sample Number: 24-857
Sample Matrix: soil

Sample Collection Date/Time: 1/25/24 9:52
Sample Received Date/Time: 1/25/24 13:30

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.104	0.104	
Acrolein	< 0.00018	0.001	1
Acrylonitrile	< 0.002	0.002	
Benzene	< 0.005	0.005	
Bromobenzene	< 0.005	0.005	
Bromochloromethane	< 0.005	0.005	
Bromodichloromethane	< 0.005	0.005	
Bromoform	< 0.005	0.005	
Bromomethane	< 0.005	0.005	
n-Butanol	< 0.052	0.052	
2-Butanone (MEK)	< 0.010	0.010	
n-Butylbenzene	< 0.005	0.005	
sec-Butylbenzene	< 0.005	0.005	
tert-Butylbenzene	< 0.005	0.005	
Carbon Disulfide	< 0.005	0.005	
Carbon Tetrachloride	< 0.005	0.005	
Chlorobenzene	< 0.005	0.005	
Chloroethane	< 0.005	0.005	
2-Chloroethylvinylether	< 0.052	0.052	
Chloroform	< 0.005	0.005	
Chloromethane	< 0.005	0.005	
2-Chlorotoluene	< 0.005	0.005	
4-Chlorotoluene	< 0.005	0.005	
1,2-Dibromo-3-chloropropane	< 0.0018	0.0018	
Dibromochloromethane	< 0.005	0.005	
1,2-Dibromoethane (EDB)	< 0.00029	0.001	1
Dibromomethane	< 0.005	0.005	
1,2-Dichlorobenzene	< 0.005	0.005	
1,3-Dichlorobenzene	< 0.005	0.005	
1,4-Dichlorobenzene	< 0.005	0.005	
trans-1,4-Dichloro-2-butene	< 0.005	0.005	
Dichlorodifluoromethane	< 0.005	0.005	
1,1-Dichloroethane	< 0.005	0.005	
1,2-Dichloroethane	< 0.005	0.005	
1,1-Dichloroethene	< 0.005	0.005	

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8260 continued...

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	< 0.005	0.005	
trans-1,2-Dichloroethene	< 0.005	0.005	
1,2-Dichloropropane	< 0.005	0.005	
1,3-Dichloropropane	< 0.005	0.005	
2,2-Dichloropropane	< 0.005	0.005	
1,1-Dichloropropene	< 0.005	0.005	
1,3-Dichloropropene	< 0.005	0.005	
Ethylbenzene	< 0.005	0.005	
Ethyl methacrylate	< 0.104	0.104	
Hexachloro-1,3-butadiene	< 0.005	0.005	
n-Hexane	< 0.010	0.010	
2-Hexanone	< 0.010	0.010	
Iodomethane	< 0.010	0.010	
Isopropylbenzene (Cumene)	< 0.005	0.005	
p-Isopropyltoluene	< 0.005	0.005	
Methylene chloride	< 0.021	0.021	
4-Methyl-2-pentanone (MIBK)	< 0.010	0.010	
Methyl-tert-butyl-ether	< 0.005	0.005	
1-Methylnaphthalene	< 0.005	0.005	
2-Methylnaphthalene	< 0.005	0.005	
Naphthalene	< 0.005	0.005	
n-Propylbenzene	< 0.005	0.005	
Styrene	< 0.005	0.005	
1,1,1,2-Tetrachloroethane	< 0.005	0.005	
1,1,2,2-Tetrachloroethane	< 0.005	0.005	
Tetrachloroethene	< 0.005	0.005	
Toluene	< 0.005	0.005	
1,2,3-Trichlorobenzene	< 0.005	0.005	
1,2,4-Trichlorobenzene	< 0.005	0.005	
1,1,1-Trichloroethane	< 0.005	0.005	
1,1,2-Trichloroethane	< 0.005	0.005	
Trichloroethene	< 0.005	0.005	
Trichlorofluoromethane	< 0.005	0.005	
1,2,3-Trichloropropane	< 0.005	0.005	
1,2,4-Trimethylbenzene	< 0.005	0.005	
1,3,5-Trimethylbenzene	< 0.005	0.005	
Vinyl acetate	< 0.010	0.010	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.005	0.005	
Xylene, 0rtho	< 0.005	0.005	
Xylene, Total	< 0.010	0.010	
Dibromofluoromethane (surrogate)	121%		
1,2-Dichloroethane-d4 (surrogate)	117%		
Toluene-d8 (surrogate)	95%		
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	1-26-24/22:35		
Analyst Initials	tjg		
Percent Solids:	96%		

All results reported on dry weight basis.

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Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 W. PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-142

Analytical Method: EPA 6010B
Prep Method: EPA 3050B

Client Sample ID:	SB-4 (18-20')	**Sample Collection Date/Time:**	1/25/24	9:52
Envision Sample Number:	24-857	**Sample Received Date/Time:**	1/25/24	13:30
Sample Matrix:	soil			

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Lead	< 2	2	

Analysis Date/Time: 1-29-24/12:25
Analyst Initials: gjd
Date Digested: 1/26/2024
Initial Sample Weight: 1.0 g
Final Volume: 50 mL
Analytical Batch: 012924icp

Percent Solids 96%

All results reported on dry weight basis.

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Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 W. PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-142

Client Sample ID:	SB-4 (18-20')	**Sample Collection Date/Time:**	1/25/24	9:52
Envision Sample Number:	24-857	**Sample Received Date/Time:**	1/25/24	13:30
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	4.0%		EPA 1684
Percent Solids	96.0%		EPA 1684
Analysis Date:	1/29/24		
Analyst Initials	NR		

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Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 W. PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-142

Analytical Method: EPA 8260
Prep Method: EPA 5035A
Analytical Batch: 012624VS

Client Sample ID: DUP-2 **Sample Collection Date/Time:** 1/25/24 10:00
Envision Sample Number: 24-858 **Sample Received Date/Time:** 1/25/24 13:30
Sample Matrix: soil

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.105	0.105	
Acrolein	< 0.00018	0.001	1
Acrylonitrile	< 0.002	0.002	
Benzene	< 0.005	0.005	
Bromobenzene	< 0.005	0.005	
Bromochloromethane	< 0.005	0.005	
Bromodichloromethane	< 0.005	0.005	
Bromoform	< 0.005	0.005	
Bromomethane	< 0.005	0.005	
n-Butanol	< 0.053	0.053	
2-Butanone (MEK)	< 0.011	0.011	
n-Butylbenzene	< 0.005	0.005	
sec-Butylbenzene	< 0.005	0.005	
tert-Butylbenzene	< 0.005	0.005	
Carbon Disulfide	< 0.005	0.005	
Carbon Tetrachloride	< 0.005	0.005	
Chlorobenzene	< 0.005	0.005	
Chloroethane	< 0.005	0.005	
2-Chloroethylvinylether	< 0.053	0.053	
Chloroform	< 0.005	0.005	
Chloromethane	< 0.005	0.005	
2-Chlorotoluene	< 0.005	0.005	
4-Chlorotoluene	< 0.005	0.005	
1,2-Dibromo-3-chloropropane	< 0.0018	0.0018	
Dibromochloromethane	< 0.005	0.005	
1,2-Dibromoethane (EDB)	< 0.00029	0.001	1
Dibromomethane	< 0.005	0.005	
1,2-Dichlorobenzene	< 0.005	0.005	
1,3-Dichlorobenzene	< 0.005	0.005	
1,4-Dichlorobenzene	< 0.005	0.005	
trans-1,4-Dichloro-2-butene	< 0.005	0.005	
Dichlorodifluoromethane	< 0.005	0.005	
1,1-Dichloroethane	< 0.005	0.005	
1,2-Dichloroethane	< 0.005	0.005	
1,1-Dichloroethene	< 0.005	0.005	

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8260 continued...

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	< 0.005	0.005	
trans-1,2-Dichloroethene	< 0.005	0.005	
1,2-Dichloropropane	< 0.005	0.005	
1,3-Dichloropropane	< 0.005	0.005	
2,2-Dichloropropane	< 0.005	0.005	
1,1-Dichloropropene	< 0.005	0.005	
1,3-Dichloropropene	< 0.005	0.005	
Ethylbenzene	< 0.005	0.005	
Ethyl methacrylate	< 0.105	0.105	
Hexachloro-1,3-butadiene	< 0.005	0.005	
n-Hexane	< 0.011	0.011	
2-Hexanone	< 0.011	0.011	
Iodomethane	< 0.011	0.011	
Isopropylbenzene (Cumene)	< 0.005	0.005	
p-Isopropyltoluene	< 0.005	0.005	
Methylene chloride	< 0.021	0.021	
4-Methyl-2-pentanone (MIBK)	< 0.011	0.011	
Methyl-tert-butyl-ether	< 0.005	0.005	
1-Methylnaphthalene	< 0.005	0.005	
2-Methylnaphthalene	< 0.005	0.005	
Naphthalene	< 0.005	0.005	
n-Propylbenzene	< 0.005	0.005	
Styrene	< 0.005	0.005	
1,1,1,2-Tetrachloroethane	< 0.005	0.005	
1,1,2,2-Tetrachloroethane	< 0.005	0.005	
Tetrachloroethene	< 0.005	0.005	
Toluene	< 0.005	0.005	
1,2,3-Trichlorobenzene	< 0.005	0.005	
1,2,4-Trichlorobenzene	< 0.005	0.005	
1,1,1-Trichloroethane	< 0.005	0.005	
1,1,2-Trichloroethane	< 0.005	0.005	
Trichloroethene	< 0.005	0.005	
Trichlorofluoromethane	< 0.005	0.005	
1,2,3-Trichloropropane	< 0.005	0.005	
1,2,4-Trimethylbenzene	< 0.005	0.005	
1,3,5-Trimethylbenzene	< 0.005	0.005	
Vinyl acetate	< 0.011	0.011	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.005	0.005	
Xylene, 0rtho	< 0.005	0.005	
Xylene, Total	< 0.011	0.011	
Dibromofluoromethane (surrogate)	119%		
1,2-Dichloroethane-d4 (surrogate)	115%		
Toluene-d8 (surrogate)	102%		
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	1-26-24/22:51		
Analyst Initials	tjg		
Percent Solids:	95%		

All results reported on dry weight basis.

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Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 W. PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-142

Analytical Method: EPA 6010B
Prep Method: EPA 3050B

Client Sample ID:	DUP-2	**Sample Collection Date/Time:**	1/25/24	10:00
Envision Sample Number:	24-858	**Sample Received Date/Time:**	1/25/24	13:30
Sample Matrix:	soil			

Compounds	Sample Results (mg/kg)	Reporting Limit (mg/kg)	Flags
Lead	< 2	2	

Analysis Date/Time: 1-29-24/12:27
Analyst Initials: gjd
Date Digested: 1/26/2024
Initial Sample Weight: 1.0 g
Final Volume: 50 mL
Analytical Batch: 012924icp

Percent Solids 95%

All results reported on dry weight basis.

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Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 W. PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-142

Client Sample ID:	DUP-2	**Sample Collection Date/Time:**	1/25/24	10:00
Envision Sample Number:	24-858	**Sample Received Date/Time:**	1/25/24	13:30
Sample Matrix:	soil			

Analyte	Sample Results	Flags	Method
Percent Moisture	5.0%		EPA 1684
Percent Solids	95.0%		EPA 1684
Analysis Date:	1/29/24		
Analyst Initials	NR		

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EPA 8260 Quality Control Data

ENVision Batch Number: 012624VS

Method Blank (MB):	MB Results (ug/kg)	Rep Lim (ug/kg)	Flag
Acetone	< 100	100	
Acrolein	< 0.17	1	1
Acrylonitrile	< 2	2	
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	< 1.7	1.7	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 0.28	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	< 5	5	
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	< 5	5	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	

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8260 QC Continued…

Method Blank (MB)	MB Results (ug/kg)	Rep Lim (ug/kg)	Flag
Hexachloro-1,3-butadiene	< 5	5	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 20	20	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 5	5	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 5	5	
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	< 5	5	
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	
Xylenes, Total	< 10	10	
Dibromofluoromethane (surrogate)	105%		
1,2-Dichloroethane-d4 (surrogate)	99%		
Toluene-d8 (surrogate)	101%		
4-bromofluorobenzene (surrogate)	107%		
Analysis Date/Time:	1-26-24/19:41		
Analyst Initials	tjg		

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8260 QC Continued…

LCS/LCSD:	LCS Results (ug/kg)	LCS/LCSD Conc. (ug/kg)	LCSD Result (ug/kg)	LCS Rec.	LCSD Rec.	% D	Flag
Vinyl Chloride	50.8	50	51.0	102%	102%	0.4	
1,1-Dichloroethene	53.1	50	52.9	106%	106%	0.4	
trans-1,2-Dichloroethene	49.2	50	48.7	98%	97%	1.0	
Methyl-tert-butyl ether	53.3	50	49.1	107%	98%	8.2	
1,1-Dichloroethane	49.1	50	50.0	98%	100%	1.8	
cis-1,2-Dichloroethene	48.7	50	49.4	97%	99%	1.4	
Chloroform	48.5	50	50.0	97%	100%	3.0	
1,1,1-Trichloroethane	49.2	50	49.8	98%	100%	1.2	
Benzene	48.1	50	48.7	96%	97%	1.2	
Trichloroethene	50.4	50	51.9	101%	104%	2.9	
Toluene	47.4	50	48.4	95%	97%	2.1	
1,1,1,2-Tetrachloroethane	52.8	50	52.3	106%	105%	1.0	
Chlorobenzene	50.3	50	50.6	101%	101%	0.6	
Ethylbenzene	49.8	50	49.6	100%	99%	0.4	
o-Xylene	51.1	50	51.0	102%	102%	0.2	
n-Propylbenzene	49.4	50	49.5	99%	99%	0.2	
Dibromofluoromethane (surrogate)	103%		98%				
1,2-Dichloroethane-d4 (surrogate)	105%		102%				
Toluene-d8 (surrogate)	109%		106%				
4-bromofluorobenzene (surrogate)	108%		103%				
Analysis Date/Time:	1-26-24/18:54		1-26-24/19:10				
Analyst Initials	tjg		tjg				

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EPA 6010B Metals Quality Control Data

ENVision Batch Number: 012924icp

Method Blank (MB):	MB Results (mg/kg)	Rep Lim (mg/kg)	Flag
Lead	< 2	2	
Analysis Date/Time:	1-29-24/11:37		
Analyst Initials:	gjd		

Laboratory Control Standard:	LCS Results(ppm)	LCS Conc(ppm)	% Rec	Flag
Lead	0.52	0.50	104%	
Analysis Date/Time:	1-29-24/11:34			
Analyst Initials:	gjd			

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Flag Number	Comments
1	Reported value is below the reporting limit but above the MDL.

ENVision Proj#: 2024-142 Page 1 of 1

CHAIN OF CUSTODY RECORD

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

Client: Creek Run LLC	Invoice Address: AP@creekrun.com
Report Address: PO Box 114 Montpelier, IN 47359	Project Name: Goshen 112 W. Pike Street
Report To: RPeterson@creekrun.com	Lab Contact: Cheryl Crum
Phone: 765-728-8051	Sampled by: Ryan Peterson
Fax: 765-728-3041	P.O. Number:
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

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

REQUESTED PARAMETERS

VOCs 8260 | Total Lead 6010 | % Moisture

Please indicate number of containers per preservative below

Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	VOCs 8260	Total Lead 6010	% Moisture					HCl	HNO_3	H_2SO_4	NaOH	Other	None	ENVision Sample ID
SB-4 (18-20')	1/25/24	0952	G	Soil	✓	✓	✓									3	1	24-857
DUP-2	1/25/24	1000	G	Soil	✓	✓	✓									3	1	24-858

Comments: Soil samples for VOCs analysis were frozen on 1/25/24

OK SDA

Relinquished by:	Date	Time	Received by:	Date	Time
(Creek Run)	1/26/24	11:00	Kelly Bleeke	1/26/24	11:00
Kelly Bleeke	1/26/24	1:30		1/26/24	1:30

5035 CHECK-IN SHEET

Client Name: CREEK RUN, LLC ENVision project#: 2024-142

Cooler Temp: 2°C

Method 5035A used: YES X NO □

ENVision provided tared vials w/stir bars & Terra Core T-handles: YES X NO □

5035A samples were received within 48 hrs of collection: YES X NO □

5035A samples were frozen within 48 hrs of collection by lab: YES X NO □
If NO, did client freeze samples? YES □ NO □

5035ATable A.1 Reference: Sample is extruded into an empty sealed vial and cooled to 4° ± 2°C for no more than 48 hours then frozen to < -7°C upon laboratory receipt.

Methanol was added to a vial from each sample for Medium-Level dilution within 48 hrs of collection: YES X NO □

5035ATable A.1 Reference: Sample is extruded into an empty sealed vial and cooled to 4° ± 2°C for no more than 48 hours then preserved with methanol upon laboratory receipt.

Performed by/Date: LISA DAULTON 01-26-24

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Mr. Ryan Peterson
Creek Run
P.O. Box 114
Montpelier, IN 47359

February 13, 2024

ENVision Project Number: 2024-213
Client Project Name: Goshen, 112 West Pike Street

Dear Mr. Peterson,

Please find the attached analytical report for the samples received February 6, 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,

Cheryl A. Crum

Director of Project Management
ENVision Laboratories, Inc.

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ENVISION

Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 020724VW

Client Sample ID: MW-1 **Sample Collection Date/Time:** 2/5/24 12:31
Envision Sample Number: 24-1211 **Sample Received Date/Time:** 2/6/24 9:15
Sample Matrix: water

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)	100%		
Toluene-d8 (surrogate)	96%		
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	2-7-24/14:48		
Analyst Initials	tjg		

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 6010
Prep Method: EPA 3010A

Client Sample ID: MW-1
Envision Sample Number: 24-1211
Sample Matrix: water
Sample Collection Date/Time: 2/5/24 12:31
Sample Received Date/Time: 2/6/24 9:15

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, total	< 10	10	

ICP Analysis Date/Time: 2-8-24/11:58
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, dissolved	< 10	10	

ICP Analysis Date/Time: 2-8-24/12:03
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 020724VW

Client Sample ID: MW-2 **Sample Collection Date/Time:** 2/5/24 12:38
Envision Sample Number: 24-1212 **Sample Received Date/Time:** 2/6/24 9:15
Sample Matrix: water

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)	101%		
1,2-Dichloroethane-d4 (surrogate)	97%		
Toluene-d8 (surrogate)	93%		
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	2-7-24/15:03		
Analyst Initials	tjg		

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 6010
Prep Method: EPA 3010A

Client Sample ID: MW-2
Envision Sample Number: 24-1212
Sample Matrix: water

Sample Collection Date/Time: 2/5/24 12:38
Sample Received Date/Time: 2/6/24 9:15

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, total	< 10	10	

ICP Analysis Date/Time: 2-8-24/12:06
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, dissolved	< 10	10	

ICP Analysis Date/Time: 2-8-24/12:11
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 020724VW

Client Sample ID: MW-3 **Sample Collection Date/Time:** 2/5/24 12:54
Envision Sample Number: 24-1213 **Sample Received Date/Time:** 2/6/24 9:15
Sample Matrix: water

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)	100%		
Toluene-d8 (surrogate)	96%		
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	2-7-24/15:19		
Analyst Initials	tjg		

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 6010
Prep Method: EPA 3010A

Client Sample ID: MW-3
Envision Sample Number: 24-1213
Sample Matrix: water

Sample Collection Date/Time: 2/5/24 12:54
Sample Received Date/Time: 2/6/24 9:15

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, total	< 10	10	

ICP Analysis Date/Time: 2-8-24/12:15
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, dissolved	< 10	10	

ICP Analysis Date/Time: 2-8-24/12:19
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 020724VW

Client Sample ID: MW-4 **Sample Collection Date/Time:** 2/5/24 13:06
Envision Sample Number: 24-1214 **Sample Received Date/Time:** 2/6/24 9:15
Sample Matrix: water

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)	104%		
1,2-Dichloroethane-d4 (surrogate)	103%		
Toluene-d8 (surrogate)	99%		
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	2-7-24/15:35		
Analyst Initials	tjg		

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 6010
Prep Method: EPA 3010A

Client Sample ID: MW-4
Envision Sample Number: 24-1214
Sample Matrix: water

Sample Collection Date/Time: 2/5/24 13:06
Sample Received Date/Time: 2/6/24 9:15

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, total	< 10	10	

ICP Analysis Date/Time: 2-8-24/12:22
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, dissolved	< 10	10	

ICP Analysis Date/Time: 2-8-24/12:26
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 020724VW

Client Sample ID: DUP-1 **Sample Collection Date/Time:** 2/5/24 10:00
Envision Sample Number: 24-1215 **Sample Received Date/Time:** 2/6/24 9:15
Sample Matrix: water

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)	102%		
1,2-Dichloroethane-d4 (surrogate)	103%		
Toluene-d8 (surrogate)	95%		
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	2-7-24/15:51		
Analyst Initials	tjg		

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 6010
Prep Method: EPA 3010A

Client Sample ID: DUP-1
Envision Sample Number: 24-1215
Sample Matrix: water

Sample Collection Date/Time: 2/5/24 10:00
Sample Received Date/Time: 2/6/24 9:15

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, total	< 10	10	

ICP Analysis Date/Time: 2-8-24/12:37
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

Compounds	Sample Results (ug/L)	Reporting Limit (ug/L)	Flags
Lead, dissolved	< 10	10	

ICP Analysis Date/Time: 2-8-24/12:42
Analyst Initials: gjd
Date Digested: 2/7/2024
Initial Sample Volume: 50 mL
Final Volume: 50 mL
Analytical Batch: 020824icp

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Analytical Report

Client Name: CREEK RUN, LLC

Project ID: GOSHEN 112 WEST PIKE STREET

Client Project Manager: RYAN PETERSON

ENVision Project Number: 2024-213

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 020724VW

Client Sample ID: TB-1 **Sample Collection Date/Time:** 2/5/24 7:00
Envision Sample Number: 24-1216 **Sample Received Date/Time:** 2/6/24 9:15
Sample Matrix: water

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)	101%		
1,2-Dichloroethane-d4 (surrogate)	97%		
Toluene-d8 (surrogate)	96%		
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	2-7-24/10:19		
Analyst Initials	tjg		

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EPA 8260 Quality Control Data

ENVision Batch Number: 020724VW

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)	100%		
1,2-Dichloroethane-d4 (surrogate)	99%		
Toluene-d8 (surrogate)	96%		
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	2-7-24/09:17		
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	52.3	50	51.1	105%	102%	2.3	
1,1-Dichloroethene	46.7	50	51.5	93%	103%	9.8	
trans-1,2-Dichloroethene	46.4	50	49.6	93%	99%	6.7	
Methyl-tert-butyl-ether	44.4	50	50.0	89%	100%	11.9	
1,1-Dichloroethane	43.5	50	50.5	87%	101%	14.9	
cis-1,2-Dichloroethene	50.8	50	51.5	102%	103%	1.4	
Chloroform	48.2	50	54.5	96%	109%	12.3	
1,1,1-Trichloroethane	49.5	50	50.1	99%	100%	1.2	
Benzene	48.8	50	50.5	98%	101%	3.4	
Trichloroethene	52.1	50	50.1	104%	100%	3.9	
Toluene	51.1	50	50.1	102%	100%	2.0	
1,1,1,2-Tetracholorethane	49.7	50	50.7	99%	101%	2.0	
Chlorobenzene	49.3	50	49.1	99%	98%	0.4	
Ethylbenzene	50.9	50	50.0	102%	100%	1.8	
o-Xylene	53.1	50	51.8	106%	104%	2.5	
n-Propylbenzene	52.1	50	50.2	104%	100%	3.7	
Dibromofluoromethane (surrogate)	97%		110%				
1,2-Dichloroethane-d4 (surrogate)	104%		108%				
Toluene-d8 (surrogate)	101%		112%				
4-bromofluorobenzene (surrogate)	99%		103%				
Analysis Date/Time:	2-7-24/08:29		2-7-24/08:46				
Analyst Initials	tjg		tjg				

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EPA 6010B Metals Quality Control Data

ENVision Batch Number: 020824icp

Method Blank (MB):	MB Results (mg/L)	Rep Lim (mg/L)	Flag
Lead, total	< 0.01	0.01	
Analysis Date/Time:	2-8-24/10:39		
Analyst Initials:	gjd		

Laboratory Control Standard (LCS):	LCS Results(mg/L)	LCS Conc(mg/L)	% Rec	Flag
Lead, total	0.49	0.50	98	
Analysis Date/Time:	2-8-24/10:35			
Analyst Initials:	gjd			

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EPA 6010B Metals Quality Control Data

ENVision Batch Number: 020824icp

Method Blank (MB):	MB Results (mg/L)	Rep Lim (mg/L)	Flag
Lead, dissolved	< 0.01	0.01	
Analysis Date/Time:	2-8-24/10:32		
Analyst Initials:	gjd		

Laboratory Control Standard (LCS):	LCS Results(mg/L)	LCS Conc(mg/L)	% Rec	Flag
Lead, dissolved	0.49	0.50	98	
Analysis Date/Time:	2-8-24/10:28			
Analyst Initials:	gjd			

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Flag Number	Comments
1	Reported value is below the reporting limit but above the MDL.

ENVision Proj#: 2024-213 Page 1 of 1

CHAIN OF CUSTODY RECORD

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Client: Creek Run LLC	Invoice Address: Accounts Payable ap@creekrun.com
Report Address: PO Box 114 Montpelier, IN 47359	Project Name: Goshen 112 West Pike Street
Report To: rpeterson@creekrun.com mfraubinger@creekrun.com	Lab Contact: Cheryl Crum
Phone: 765-728-8051	Sampled by: Mason Fraubinger
Fax: 765-728-3041	P.O. Number:
Desired TAT: (Please Circle One) 1-2 days 3-6 days Std (7 bus. days)	QA/QC Required: (circle if applicable) Level III Level IV

REQUESTED PARAMETERS

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

Please indicate number of containers per preservative below

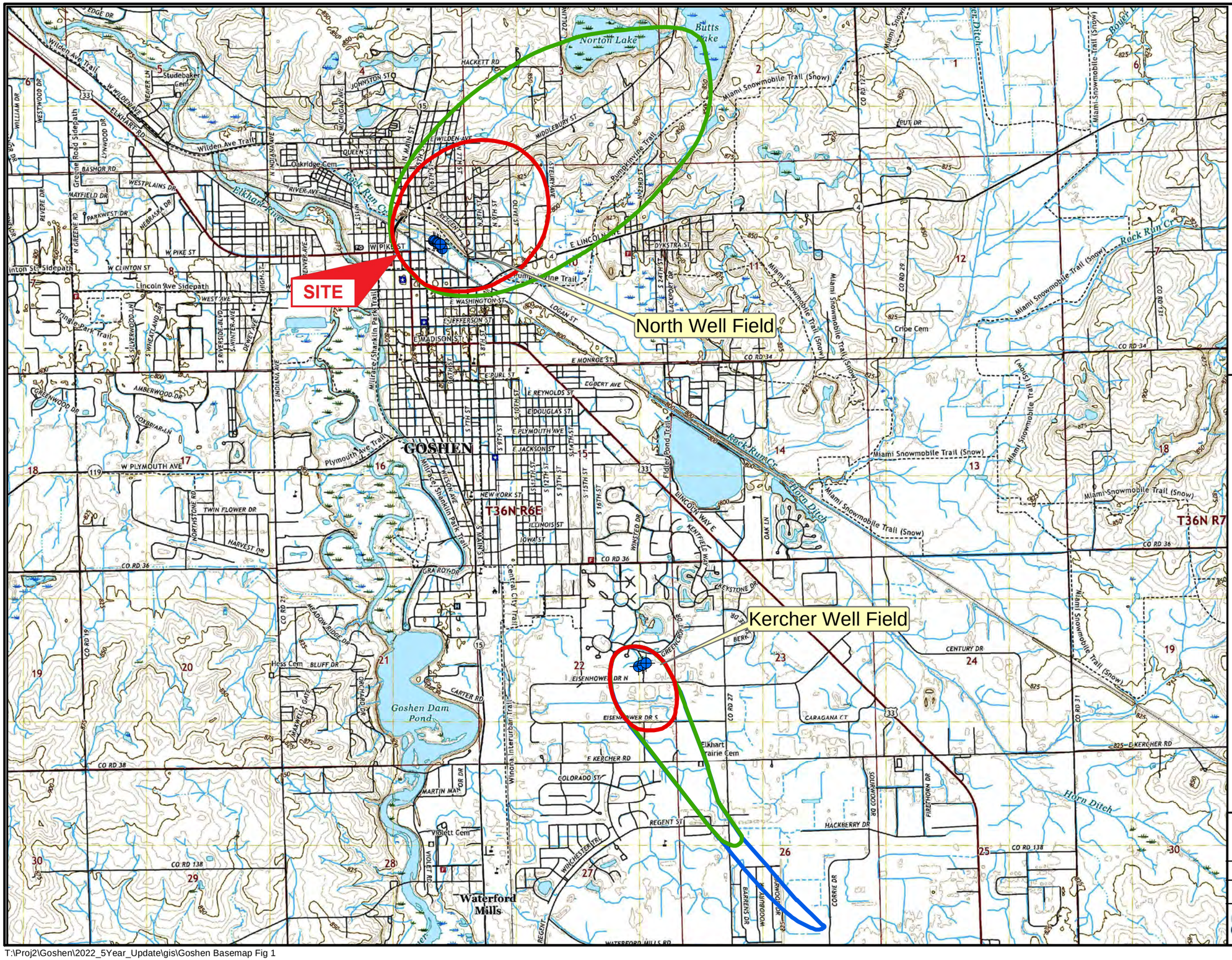
Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	VOCs 8260	Total Lead 6010	Dissolved Lead 6010					HCl	HNO_3	H_2SO_4	NaOH	Other	None	ENVision Sample ID
mw-1	2-5-24	1231	G	GW	x	x	x					3	1				1	24-1211
mw-2		1238			x	x	x					3	1				1	1212
mw-3		1254			x	x	x					3	1				1	1213
mw-4		1306			x	x	x					3	1				1	1214
DUP-1		1000			x	x	x					3	1				1	1215
TB-1		0700			x							3						1216

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	2-5-24	17:30	Daulton	2-6-24	9:15

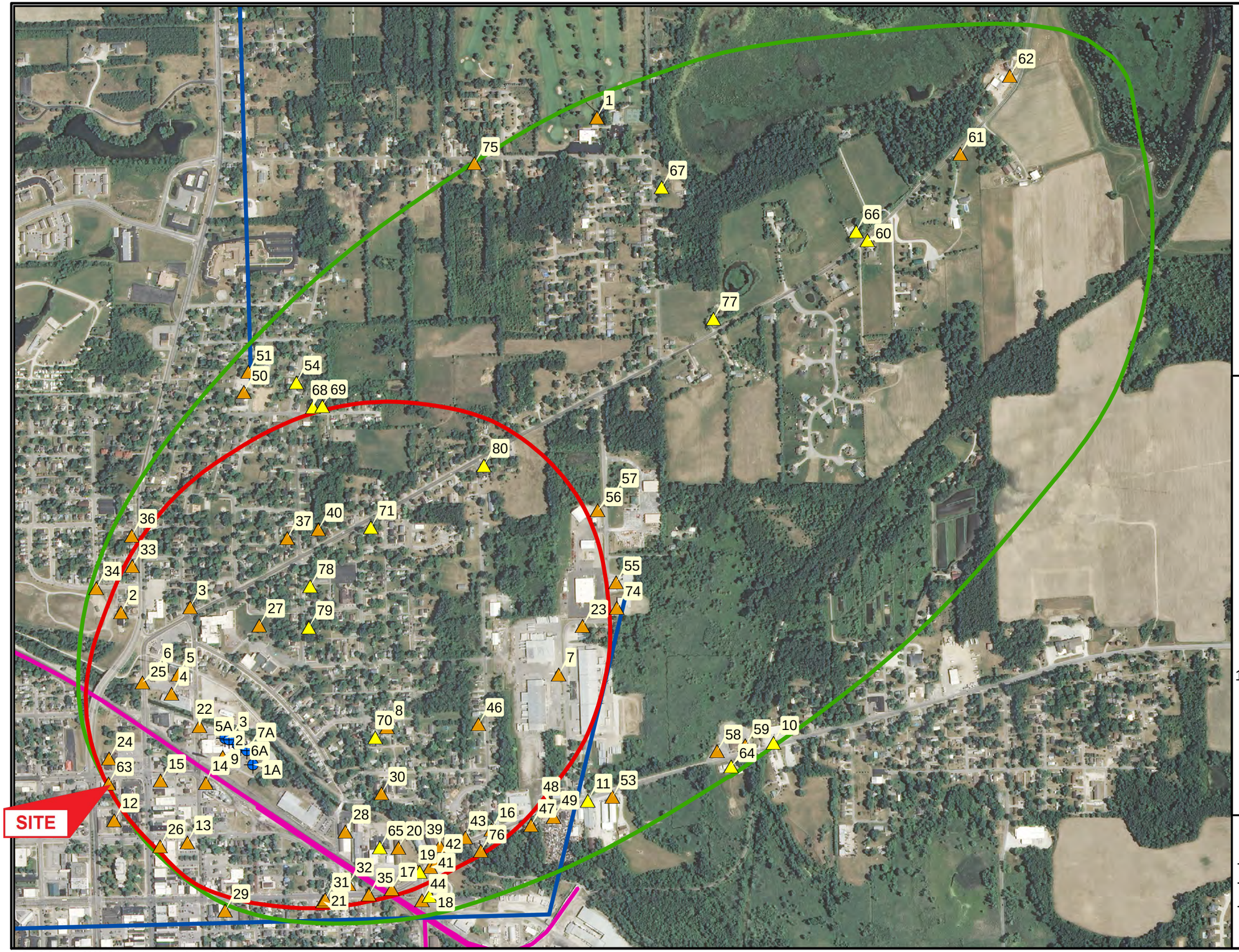
APPENDIX D

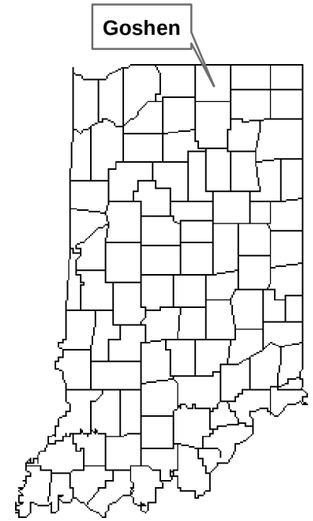
MISCELLANEOUS DATA



T:\Proj2\Goshen\2022_5Year_Update\gis\Goshen Basemap Fig 1

FIGURE 1





Legend

- Production Wells
- Unregulated PCS
- Regulated PCS
- North 1 Year TOT
- North 5 Year TOT
- Pipeline
- Railroad

1,000 500 0 1,000

Feet

Scale 1 : 9,000

N

NORTH WELL FIELD PCS MAP

Goshen WHPA Phase II 5 Year Update

SO: 56614	Drawn by: KNS	Date: 04/01/22

PEERLESS-MIDWEST, INC.

T:\Proj2\Goshen\2022_5Year_Update\gis\North PCS Map Fig2

FIGURE 2

APPENDIX E

FSI WORK PLAN

The full nature and extent of soil and groundwater contamination has been delineated; therefore, a further site investigation (FSI) Work Plan is not provided. Creek Run recommends No Further Action Status for Incident #202307515.