QUARTERLY PROGRESS REPORT
2nd Quarter 2024

COMMERCIAL PROPERTIES
113-117 EAST MAIN STREET
DELPHI, INDIANA 46923

STATE CLEANUP SITE # 0000382

BCA PROJECT # 24-164

June 14, 2024

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June 14, 2024

Prepared for:
Delphi Properties, Inc.

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List of Abbreviations

BCA	BCA Environmental Consultants, LLC
bgs	Below Ground Surface
CAC	Also, CA&C - Coal Ash & Cinders
CoCs	Contaminants of Concern, (Also, “Chain of Custody”)
CrVI	Hexavalent chromium
C-VOCs	Chlorinated Volatile Organic Compounds
EM	Electromagnetic
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
GPM	Gallons per Minute
GPR	Ground Penetrating Radar
GPS	Global Positioning System
GW	Groundwater
HASP	Health and Safety Plan
HDPE	High Density Polyethylene
IDEM	Indiana Department of Environmental Management
LCS	Laboratory Control Standard
mg/kg	milligrams per kilogram
MS/MSD	Matrix Spike/Matrix Spike Duplicate
PCBs	Polychlorinated biphenyl
PID	Photo-Ionization Detector
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
R2	Risk-based Closure Guide (RbCG)
EPL	Excavation Published Level (Soil)
CPL	Commercial/Industrial Published Level (Soil)
RPL	Residential Published Level (Soil)
RGW PL	Residential Groundwater Published Level (Groundwater)
VEPL	Vapor Exposure Published Level (Soil Gas, Indoor Air)
RCRA	Resource Conservation and Recovery Act
RECs	Recognized Environmental Conditions
RPD	Relative Percent Difference
RoW	Right of Way
SAP	Sampling and Analysis Plan
PLs	Published Levels
SOP	Standard Operating Procedures
ug/kg	micrograms per kilogram
ug/L	micrograms per Liter
USCS	Unified Soil Classification System
USTs	Underground Storage Tanks
VFC	IDEM Virtual File Cabinet
VOCs	Volatile Organic Compounds
WHPA	Well Head Protection Area

1.0 INTRODUCTION

1.1 Project Background

This Quarterly Monitoring Progress Report (QMR) has been prepared by BCA Environmental Consultants, LLC (BCA) on behalf of Delphi Properties, LLC, the owner of 113–115 E. Main Street, Delphi, Indiana (Subject Property), and addresses the local area surrounding the Subject Property (Study Area). In addition to the Subject Property, the Study Area includes the adjacent commercial property with the street address of 117-119 East Main Street (adjoining site), the public rights of way (alleys) behind the buildings and along Main Street (sidewalk). The Subject Property is composed of one (1) parcel identified as: 08-06-29-020-036.000-007 and totals approximately 0.11-acres of land (**Figure 1**). The area around the Subject Property is commercial with some residential on upper floors. The Subject Property fronts on East Main Street to the southeast and is situated between an alley to the northwest, commercial property (117-119 E. Main) to the northeast, and another alley to the southwest.

Currently, the Study Area is operated as an Edward Jones office and the adjoining site Stonehouse Restaurant on the first floor. The second and third floors consist of a series of residential apartments.

Prior investigations, discussed more fully below, indicate that on-site soil and groundwater were historically impacted by VOCs. This quarterly progress report sets forth the results of the most recent quarterly groundwater sampling event.

1.2 Historical Environmental Investigations

1.2.1 Phase I Environmental Assessment (August 28, 2013)

A Phase I Environmental Site Assessment (ESA) of the Subject Property and 117-119 E. Main (adjoining site) was conducted for Keller Development, Inc. and Area IV Development, Inc. dated August 28, 2013 (SES, 2013a) VFC #68828558. The Phase I ESA identified the following recognized environmental conditions (RECs):

1. Former printer;
2. Former oil house/warehouse (NW corner of Subject Property);
3. Former private garage (north-central portion of Subject Property);
4. An elevator located in the northeast corner of 117 E Main;
5. Printing office on the adjacent property to the north from 1906 to present;
6. Heating plant on the adjacent property from at least 1929 – 1949.

1.2.2 Limited Phase II Environmental Screening (SES) (September 26, 2013)
A Limited Phase II Environmental Screening of the Subject and adjoining site was conducted for Keller Development, Inc. and Area IV Development, Inc. dated September 26, 2013 (SES, 2013b) VFC #70023503 for the purpose of assessing the subsurface environmental conditions on the property. A total of five (5) soil borings were driven to refusal (9 to 11 feet below surface) throughout the site. In addition, one (1) hand auger sample was collected below the basement slab of 117-119 E Main St, on the adjoining site.

None of the 5 borings or single hand auger reportedly encountered groundwater. Soil samples were collected from each location, field-screened and selected samples were analyzed for Volatile Organic Compounds (VOCs), semi-Volatile Organic Compounds (SVOCs), polychlorinated biphenyls (PCBs), and 8 RCRA metals. Laboratory analyses of the submitted samples indicated that the Subject Property soils had been impacted by chlorinated VOCs (C-VOCs) or chlorinated aliphatic hydrocarbons (CAHs).

1.2.3 Potential Vapor Exposure Pathway (VEP) Evaluation (SES) (October 18, 2013)
A Potential Vapor Exposure Pathway (VEP) Evaluation was conducted by SES at the Subject Property and adjoining site in October 2013 (SES, 2013c) VFC#70023503. The VEP Evaluation included exterior soil gas (SGe) sampling, sub slab soil gas (SGss) sampling, and indoor air (IA) sampling. Analytical results showed high levels of C-VOC vapors in the soil gas outside the building. Detections of C-VOCs in the soil gas below the basement slab of 117-119 E Main St. and in IA samples did not exceed the Vapor Intrusion Screening Levels for Residential sites. Based on these findings, SES recommended continued air monitoring to evaluate seasonal fluctuations and to further evaluate the potential vapor intrusion issue. The VEP sampling was conducted outside of the IDEM Remediation Closure Guide's recommended "worst case" (late winter or mid-summer) VI sampling guidance.

1.2.4 Asbestos and Lead Paint Survey (SES) (August 28, 2013)
An Asbestos and Lead Paint Survey was conducted by SES at the Subject Property in August 2013 (SES, 2013d) VFC#70023471 .

1.2.5 Further Site Investigation – Groundwater Sampling (May 1, 2014)
At the request of Keller, a Further Site Investigation was conducted by BCA in April 2014 (BCA, 2014a) VFC#70023475. The FSI was conducted for the purpose of determining subsurface conditions, specifically groundwater conditions, in and around the area of the Subject Property and adjoining site. The investigation consisted of advancing five (5) groundwater probes driven to refusal (9 to 12 feet below surface - presumed shale-

bedrock) in five locations on and around the Subject Property based on the 2013 Phase I and Phase II ESAs and on historical use information. All 5 temporary groundwater probes were set and left for a minimum of 24 hours before sampling. Of the 5 probes, two locations (SB-4, and SB-5) failed to produce enough measurable water to be sampled and each was designated a “dry hole”. Groundwater was present in the other three locations (SB-1, SB-2, and SB-3) and groundwater samples were collected. All groundwater samples were tested for VOCs.

Laboratory analyses of the submitted samples indicated that the groundwater near the Subject Property had been impacted by chlorinated solvents, including tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-DCE), trans-1,2-Dichloroethene (t-DCE), and vinyl chloride (VC). The following VOCs were found above IDEM R2 PLs:

- PCE, TCE, VC, 1,1-DCE, cis-DCE, and trans-DCE were found above the RG-PL in groundwater samples collected from SB-1, SB-2, and SB-3.
- Boring SB-2 located at the rear of 117 E Main appears to be near the location of the release of the C-VOCs.

1.2.6 Phase I ESA 113-119 E. Main Street (BCA) (July 10, 2014)

A Phase I ESA of the Subject Property and 113-119 E. Main was conducted by BCA for Keller Development, Inc. and Canal Commons, L.P. dated July 10, 2014 (BCA, 2014b) VFC #70023475.

The Phase I ESA identified the following RECs:

1. Former use of 113 as a dry cleaner from at least 1942 to about 1961
2. Soil and groundwater impact from dry cleaning solvents
3. Presence of asbestos containing material and lead paint within the buildings
4. Newspaper printer across the alley to the northwest

On July 15, 2014 BCA notified IDEM that a release of hazardous substances had occurred involving chlorinated VOCs. Mr. Syed Jaffery, Project Manager, State Cleanup Section, Indiana Department of Environmental Management (IDEM) issued a Special Notice of Potential Liability and Request for Information (Demand Letter) dated July 24, 2014 to Mr. William Bradshaw of Delphi Properties, LLC. In response BCA submitted an Initial Site Investigation Work Plan dated November 11, 2014 which included all of the previous investigations. IDEM issued a Document Review letter dated June 9, 2015 which approved the ISI Work Plan with several comments and modifications.

1.2.7 Initial Site Investigation (BCA) (August 23, 2016)

The Initial Site Investigation, dated August 23, 2016 (BCA, 2016a) VFC # 80342080, was comprised of six phases including:

- 1st Round – installation of seven borings (SB-6 through SB-12);
- 2nd Round – installation of eight borings (SB-13 through SB-20);
- 3rd Round – installation of five borings (SB-21 through SB-25) and installation of four soil gas points (SGe-1 through SGe-4);
- 4th Round – installation of one boring (SB-15R (groundwater only)); installation of four monitoring wells (MW-1 through MW-4) followed by a quarterly round of groundwater sampling; and installation of one soil gas point (SGe-5);
- 5th Round – indoor air sampling from twenty locations (IA-1 through IA-20) and sub-slab soil gas sampling from four locations (SSsg-1 through SSsg-4);
- 6th Round – sewer camera inspection for laterals in alley way adjacent to Subject Property and a quarterly round of groundwater sampling from the monitoring wells.

Soil Results

C-VOCs were detected in eight (8) of the twenty-two (22) subsurface soil samples (including duplicates), submitted for analysis. None of the soil samples analyzed during the ISI exceeded the R2 PLs for C-VOCs.

Groundwater Results

A total of twelve (12) groundwater samples from the temporary piezometers were analyzed for VOCs by EPA method 8260. Sampling of the four (4) permanent wells took place during the first and second quarter 2016 and were analyzed for VOCs by EPA Method 8260. C-VOC concentrations at six (6) of the twelve samples exceeded the R2 PLs.

C-VOC concentrations from temporary piezometers exceeded the R2 PLs from SB-GW-6, SB-GW-7 and DUP, SB-GW-8, SB-GW-10 and SB-GW-12.

VOCs did not exceed R2 PLs in monitoring wells MW-1, MW-2 or MW-3 during either of the two quarterly groundwater sampling events. Cis-1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride concentrations from MW-1 (including duplicates) exceeded the R2 PLs from both quarterly sampling events. All other groundwater results were either below the R2 PLs or laboratory detection limits.

Soil Gas Sampling

A total of five (5) exterior soil gas samples were analyzed for VOCs by EPA method TO-15. VOCs were detected in all five exterior soil gas points submitted for analysis. The

concentration of vinyl chloride at exterior soil gas point SGe-4 exceeded the R2 Commercial VEPL. All other results were either below the R2 PLs and/or laboratory detection limits.

Indoor Air/Sub-Slab Soil Gas Sampling

A total of eighteen (18) indoor air samples were analyzed for VOCs by EPA method TO-15. A total of four (4) sub-slab soil gas samples were analyzed for VOCs by EPA method TO-15. Indoor air and sub-slab soil gas sampling took place in March 2016 during the indoor heating season.

The TCE concentration in one (1) of the ten indoor air samples exceeded the R2 Residential VEPL for TCE. The elevated result was from indoor air sample IA-8 which was located in the (unoccupied) basement of the Stone House Restaurant, 119 E. Main Street.

The TCE concentration in one (1) of the four (4) sub-slab soil gas samples exceeded the R2 Commercial VEPL. The elevated result was from sub-slab soil gas sample SSsg-2 field duplicate, which was located in the basement of the Stone House Restaurant, 119 E. Main Street.

Initial Sewer Camera Inspection Results – April 29, 2016

In order to map and inspect sewer laterals serving the building at 113-117 E. Main Street running along the north/south alley way, a sewer camera was utilized. A sand blockage was noted approximately fifty (50) feet south of the manhole at the intersection of the alleys and the camera was unable to continue any further south. The camera inspected approximately fifty-four (54) feet north of the alley way intersection. Multiple laterals were noted running from the 113-117 E. Main Street building(s) in addition to laterals from other buildings along the alley way. No breaks or gaps were observed.

Based on the findings in the Initial Site Investigation BCA recommended the following:

- Further evaluation of indoor air and sub-slab soil gas during the peaks summer months when air conditioning units are being utilized;
- Continue quarterly monitoring to help establish data supporting plume stability;
- Evaluate vertical migration of PCE and degradation products into the underlying bedrock formation;
- The Environmental Restrictive Covenant (ERC) recorded onto the property deed for the 113 and 115 East Main Street properties on December 23, 2014, should continue to be enforced so that restrictions put in place will continue to protect the human, health, and environment of those associated with the property.

1.2.8 Site Investigation Update (BCA) (September 9, 2016)

The Site Investigation Update, dated September 9, 2016 (BCA, 2016b) (Not currently on the VFC), comprised of one phase including:

- 7th Round – IA indoor air sampling, during the cooling season, on July 28-29, 2016, from twenty-three locations (IA-1 through IA-10, IA-12 though IA-20) and sub-slab soil gas sampling from four locations (SSsg-1 through SSsg-4).

The indoor air and sub-slab samples are considered second-round samples as they were collected from previously sampled locations.

The analytical results from the sampling event indicated that TCE concentrations in samples IA-8 and SSsg-2 were above the R2 Commercial VEPLs, and PCE concentrations at IA-8 exceeded the R2 Residential VEPLs. Additionally, IA-10 which is located on the first floor (suite 117, Stone House Restaurant), exhibited TCE concentrations above the R2 Commercial VEPLs. Sample IA-9 (suite 119, Stone House Restaurant) exhibited TCE concentrations above the R2 Residential VEPLs. The remaining sample locations were found to have no or only trace TCE and/or PCE concentrations.

Based on the collective indoor air and sub-slab analytical results BCA recommended:

- Installation of vapor mitigation system(s) in the crawlspace and basement of suites 117 and 119, respectively;
- Indoor air and sub-slab sampling in suites 117 and 119 once vapor mitigation system has been installed to monitor concentrations and;
- Continue quarterly groundwater monitoring to help establish data supporting plume stability.

1.2.9 Vapor Intrusion Mitigation System Installation & Sewer Inspection

The vapor intrusion mitigation (VIM) system installation and the second sewer inspection were discussed in a letter report dated July 10, 2017 (VFC #80496544).

<u>VIM System Installation</u>

BCA contracted Radon Environmental of Indianapolis, Indiana to install a VIM System in the crawl space of 117 Main Street and in the basement of the 119 Main Street properties.

The crawl space of 117 Main was encapsulated and three (3) vertical exhaust stacks were connected to the perforated pipe installed below the vapor barrier in the crawl space. The crawl space VIM system included two (2) fans which were vented above the roof line.

The VIM system in the basement of 119 Main included six (6) extraction points set in the concrete floor and two (2) fans. The extraction points were vented above the roof line. Vacuum gauges were installed on the extraction lines. The installation was completed, and system startup occurred on January 12, 2017.

Second Sewer Camera Inspection Results – January 2017

In 2016 a sanitary sewer inspection was conducted in the alley way adjoining the property to the west. A manhole near the intersection of the north-south and east-west alleys was utilized to conduct the inspection. It was determined the line was blocked by sand approximately 54-feet south of the manhole. No damage was observed to sewer line to approximately 50-feet north of the manhole. A second inspection was conducted in January of 2017 from the same manhole in the alley north 80.25 feet. A manhole, north of monitoring well MW-4, in East Franklin Street was also accessed and the sewer was inspected from the manhole south 94.10 feet. Although a joint, 5.67 feet south of the Franklin Street manhole, was observed to have slight separation it appears to have no bearing on previous elevated analytical results. No significant damage to the sanitary sewer was observed during this inspection. Inspecting the laterals that feed into the sewer was not possible without more specialized equipment and/or access to the neighboring properties. The second inspection effectively covered the entire sewer line from Franklin Street south to the intersection of the two (2) alleys; including the portions near soil gas sampling points SGe-4, SGe-5 and soil boring SB-1.

Based on the findings from the previous sampling event BCA recommended:

1. Conduct another post-VIM System Installation sampling event in late August or early September 2017. Continue efforts to coordinate with Frontier Communications to conduct sub-slab soil-gas and indoor air sampling at the Frontier Communications building located at 123 East Main Street.

2. Conduct further site investigation (FSI) of the study area as indicated in the IDEM Comment Letter dated February 28, 2017, as modified by any subsequent communication.

1.2.10 Response to Comments Letter (BCA) (July 26, 2017)

The Response to Comments letter, dated July 26, 2017 (BCA, 2017b) VFC #80496547 responded to IDEM's questions and clarified various items.

1.2.11 Second Post-VIM System Installation Sampling Event – August 2017

BCA collected a second round of indoor air and sub-slab samples on August 30, 2017, from previously sampled locations (IA-8, IA-9, IA-10, IA-21 and SSsg-2). The first round of indoor air and sub-slab samples were also collected from Frontier Communications located at 123 E. Main St. (adjoining property to the east). These samples included IA-22, IA-23 and SSsg-5. No VOCs were detected above the R2 PLs in any of the samples. The results were included in the Quarterly Progress Report, 4th Quarter 2017 (BCA 2018a), VFC #80608803.

1.3 Quarterly Monitoring (1st Quarter, 2016 – 2nd Quarter, 2020)

BCA began collecting quarterly groundwater samples in the 1st quarter 2016 following the installation of four (4) monitoring wells MW-1, MW-2, MW-3 and MW-4. Monitoring well MW-1 is located on-site while the others are located down-gradient and cross-gradient. A fifth monitoring well, MW-1D was placed adjacent to MW-1 and screened in bedrock from 24 to 34 feet bgs in January 2018. Monitoring wells MW-1 and MW-1D are the only monitoring wells located on-site.

Historically, groundwater samples collected from monitoring well MW-1 (and its duplicate) exceeded the RGW PLs for cis-DCE, PCE, TCE, and Vinyl Chloride. Based on Mann-Kendall Trend Analysis (MKTA), groundwater samples collected during the 17 quarters (through the 1st Quarter 2020) are stable or declining for two analytes and show no trend for the other two analytes. C-VOC concentrations in groundwater samples collected during the eighteen (18) quarters (1st Quarter 2016 – 2nd Quarter 2020) did not appear to be increasing. No other monitoring wells exhibited C-VOC concentrations above the R2 PLs during this period.

BCA discontinued the quarterly sampling of the monitoring wells after the 2nd Quarter of 2020 pending a remediation work plan.

1.4 Further Site Investigations

1.4.1 1st Further Site Investigation – May 31, 2018

Further site investigation tasks completed in the 4th Quarter of 2017 and 1st quarter of 2018 were discussed in the 1st Quarter 2018 Quarterly Monitoring Report (BCA, 2018b) VFC #82611823.

The tasks included:

1. Installation and sampling of a deep bedrock monitoring well (MW-1D) near MW-1;

2. 2nd round of indoor vapor intrusion sampling at the Frontier office at address;
3. 1st round of indoor vapor intrusion sampling at 111 S. Washington location;
4. Conducting a private well survey to verify that the local groundwater is not being used for potable purposes;
5. Providing more detailed drawings of air sampling locations in buildings.

Additionally, details outlining the findings of the 2nd round of indoor vapor intrusion sampling at 111 S. Washington was discussed in the 3rd Quarter 2018 Quarterly Monitoring Report (BCA 2018c), VFC #82682795.

The first round of vapor intrusion (including indoor air and sub-slab soil gas) sampling at 103, 105, 107 and 109 South Washington Street; as well as 116 East Franklin Street was conducted in February 2019. No impact by the CoCs (PCE, TCE, c-DCE and VC) from the Subject Property were identified and the details were discussed in the 1st Quarter 2019 Quarterly Report (BCA 2019a), #82762553.

The second round of vapor intrusion (including indoor air and sub-slab soil gas) sampling at 103, 105, 107 and 109 South Washington Street, 116 East Franklin Street; as well as the first round at 101 South Washington Street was conducted in September 2019. The details were discussed in the 3rd Quarter 2019 Quarterly Report (BCA 2019b), #82904069. Although VOCs were detected none of the impacts appear to be associated with the Subject Property.

The second round of vapor intrusion (including indoor air and sub-slab soil gas) sampling at 101 South Washington Street was conducted in February 2020. The details were discussed in the 1st Quarter 2020 Quarterly Report (BCA 2020a). Although VOCs were detected none of the impacts appear to be associated with the Subject Property.

1.4.2 2nd Further Site Investigation – February 19, 2021

Further site investigation tasks were completed in the 4th Quarter of 2020 and are discussed in the 2nd FSI Report (BCA, 2021) VFC #83122701.

The specific goal was to collect a set of soil and groundwater samples from soil borings and temporary piezometers, and a set of air samples from utility conduits and analyze them for VOCs. Also, one (1) exterior soil gas sample was collected and analyzed in order to determine if constituents of concern were present in the soil gas in the alley behind the Opera House, and if so, at what concentrations.

Laboratory analyses of the soil, groundwater, soil gas and sewer gas samples from the 2nd Further Site Investigation confirm:

1. The soil at the Subject Property has been further delineated and only one (1) sample exceeds the RCG Excavation Limits;
2. No soil samples in the alley between the Opera House and the former printer exhibited concentrations of VOCs above SL's;
3. The groundwater in the alley between the Opera House and the former printer (114 Franklin) has vinyl chloride impacts (above the SL);
4. While a low-level connection (below the SL) cannot be ruled out, the data does not suggest the Subject Property as the source for the VC at/near SB-1 (in the alley between the Opera House and former printer).
5. A soil gas sample (SG-1) collected in the alley between the Opera House and former printer exhibited a concentration of vinyl chloride above the Residential Exterior Soil Gas SL, but much lower than was found very nearby (SGe-4) in 2015;
6. No vinyl chloride was detected in indoor air or sub-slab soil gas samples from the three locations nearest SG-1/SGe-4 where access could be obtained and samples collected. Thus, the impact of the vinyl chloride at that location is very limited.
7. Sewer gas samples collected in the alley indicated no exceedances of IDEM SLs for CoCs associated with the Subject Property. Thus, the sewer does not appear to be a potential preferential pathway for exposure to CoCs from the Subject Property or from the secondary source.

1.4.3 IDEM Comment Letter – February 23, 2022

IDEM issued a Comment Letter dated February 23, 2022 regarding the 2nd FSI. The letter required:

- The installation of several monitoring wells in the bedrock and shallow aquifers to evaluate CoC concentrations and groundwater flow patterns along the bedrock surface.
- Development of a bedrock surface map and identify any low areas.
- Development of maps showing vertical and horizontal extent of contaminants.
- Conduct a soil gas survey near known soil contamination.
- Conduct an additional round of sewer gas sampling.

1.4.4 3rd Further Site Investigation – February 23, 2023

Further site investigation tasks were completed in the 3rd Quarter of 2022 and are discussed in the 3rd FSI Report (BCA, 2023) VFC #83458230

The purpose of the 3rd FSI was to address the investigation tasks required by IDEM in its February 23, 2022 comment letter. This report discusses the sampling activities conducted in August and October of 2022 related to soil, groundwater and air associated with the Study Area.

Laboratory analyses of the soil, groundwater, soil gas, and sewer gas samples from the 3rd Further Site Investigation confirm:

1. Based on the additional wells, the groundwater in the confined bedrock aquifer at MW-4D north of the Opera House and downgradient of the former printer (114 Franklin) has PCE and TCE impacts that exceed the R2 Residential PLs. While a low-level connection (below the PLs) cannot be completely ruled out, the data does not suggest the Subject Property as the source for the PCE and TCE at MW-4D;
2. Groundwater from the confined bedrock aquifer directly down-gradient of the source (MW-3D) and cross-gradient to the south of the source (MW-2D) was non-detect for all CoCs;
3. Groundwater from the unconfined aquifer downgradient to the northwest (MW-5), west (MW-3), and southwest (MW-6) was non-detect for all CoCs;
4. Based on a survey of the bedrock surface a low is present from the Subject Property (south of the source area – see Appendix B) to the southwest to at least MW-6. However, no impact was observed at MW-6, nor at SB-13 and SB-14 located near the low.
5. The soil gas plume at the primary source has been defined to less than R2 Commercial PLs to the southwest, west, and northeast with the sub-slab soil gas to the south. The soil gas plume has been defined to less than R2 Residential PLs to the northwest and northeast with sub-slab soil gas in the other directions;
6. The soil gas plume at the primary source likely extends south beneath the buildings on the Subject Property, and potentially to the east beneath the commercial building at 123 E. Main Street;
7. A soil gas sample (SGe-14) collected in the alley between the Opera House and former printer did not exceed R2 PLs and defines the northern boundary of the secondary soil gas plume (SG-1/SGe-4);
8. Sewer gas samples collected in the alley indicated no exceedances of R2 PLs for CoCs associated with the Subject Property. Thus, the sewer does not appear to be a potential preferential pathway for exposure to CoCs from the Subject Property or from the secondary source.

1.5 Quarterly Monitoring (2nd Quarter, 2023 – Current)

BCA began collecting quarterly groundwater samples in the 2nd quarter 2023 following the installation of five (5) additional monitoring wells (MW-2D, MW-3D, MW-4D, MW-5, and MW-6). These five (5) monitoring wells were installed in August of 2022 during the 3rd FSI to further understand CoC transportation and concentrations in the shallow aquifer and bedrock aquifer.

1.6 Purpose

The purpose of this quarterly report is to discuss the sampling activities conducted in the 2nd Quarter of 2024 related to groundwater impacted by VOCs associated with the 113-117 Commercial Properties site. Activities included quarterly sampling of groundwater from MW-2D, MW-3D, MW-4D, MW-5, and MW-6, and an inspection of the VIM system at 117-119 Main Street.

2.0 METHODOLOGY

The investigation procedures follow those recommended by the Risk-based Closure Guide (Nonrule Policy Document WASTE-0046-R2, or R2), effective July 8, 2022, regulations, and industry-accepted practices. Investigation results were compared to applicable R2 2024 Published Levels.

The specific goal of this quarterly event was to collect one (1) round of groundwater samples from five (5) monitoring wells from 117-119 Main Street and analyze them for VOCs. We also inspected the VIM system at the Subject Property to ensure that it is functioning properly.

2.1 Monitoring Well Network

Monitoring wells MW-1, MW-2, MW-3, and MW-4 were installed in 2016. MW-1D was installed on January 23, 2018 on the Subject Property near MW-1. MW-2D, MW-3D, MW-4D, MW-5, and MW-6 were installed in 2022 as depicted on **Figure 2**. The boring locations were recorded by means of a Trimble Nomad 900G sub 3-meter accuracy (Post-processed) GPS receiver. GPS coordinate data are presented in **Table 1**.

2.2 Groundwater Sampling (2nd Quarter 2024)

Groundwater sampling was conducted by BCA on May 16th of 2024 from MW-2D, MW-3D, MW-4D, MW-5, and MW-6. Water levels were measured in all 10 monitoring wells in the study area prior to sampling on May 16th and are included in **Table 2**. Groundwater samples were collected through dedicated HDPE tubing connected to dedicated variable rate, electronically controlled, 12-volt submersible centrifugal pumps. Except as noted below, groundwater samples were collected using the low-flow sampling method outlined in the IDEM OLQ Geological Services Technical Memorandum Micro-Purge (Low-Flow) Sampling Option (updated May 2021). Samples were obtained from the wells after any three field parameters (temperature, turbidity, specific conductivity, pH, dissolved oxygen, or ORP) readings were stable per the conditions outlined in the IDEM Low-Flow guidance. At least one (1) gallon of groundwater was purged from each well prior to collecting a sample.

Groundwater samples were pumped directly into sample bottles provided by the analytical laboratory. Groundwater sampling logs are included in **Appendix A**.

3.0 RESULTS

The analytical laboratory report and chain-of-custody form for the groundwater samples are included in **Appendix B**. The laboratory results are summarized in Sections 3.4 to 3.5 below. The current and historic analytical data are summarized in **Tables 3** – **6**, on **Figures 3** – **8**, and discussed below.

3.1 Physical Setting/Subsurface Conditions

As estimated from the U.S. Geologic Survey Rutland Indiana Quadrangle Map (1962, photo-revised 1979; C.I. = 10 feet), the elevation of the site is approximately 570-feet above mean sea level (ft. MSL). The Subject Property is situated on relatively level terrain. Surface drainage in the area of the Subject Property is generally to the southeast toward Deer Creek, located about 800 feet away, and to the southwest toward the Wabash River located approximately one mile away.

3.1.1 Soils

The soil under the Subject Property is mapped as the Ockley silt loam (OdA) with 0 to 2 percent slopes, covering 100% of the site (Soil Survey Staff, 2013). The Ockley series soils consist of deep strongly contrasting textural stratified, well drained, gently sloping soils situated on stream terraces and summits, formed from loess over loamy outwash over sandy gravely outwash (Web Soil Survey).

3.1.2 Surficial Geology

The area of the Subject Property is located in the physiographic province known as the Tipton Till Plain (Fenelon, et al, 1994). The landforms encountered in the area around the Subject Property are glacially or post-glacially derived. The relief around the area of the Tipton Till Plain is described as being nearly flat to gently undulating, poorly drained, and featureless (Fenelon, et al, 1994).

Less than fifty feet of unconsolidated sediments overlie the bedrock in the area (Fenelon, et al, 1994). However, monitoring well boring and excavation logs for several nearby sites indicate the unconsolidated deposits are 8–12 feet thick in the area. The unconsolidated deposits are predominantly undifferentiated outwash deposits (Gray, 1989). These Wisconsinan age glacial outwash deposits are comprised mainly of valley train sand and gravel deposits and are part of the Atherton Formation (Gray, 1989).

Based on the borings, the soils on the site are silty clays (or lean clays) immediately below the asphalt and fill materials, and an intermittent layer of silty sand below the clays and overlying a layer of weathered/fractured shale bedrock encountered at about 7-8 feet bgs which extends down to approximately 23 feet bgs. Underlying this layer of shale is

dolomitic limestone bedrock of the Wabash Formation, encountered at around 23 feet bgs.

3.1.3 Bedrock Geology

The City of Delphi is situated in the bedrock physiographic province described as the Scottsburg Lowland (Wayne, 1956). Bedrock geology of the area is recognized as part of the Wabash Formation (Gray, et al, 1987). The Wabash Formation is comprised of Silurian age limestone, dolomite, and argillaceous dolomite (Fenelon, et al, 1994). Based on previous investigations of the Study Area, the Wabash Formation was encountered at 23 feet bgs and extended to at least 34 feet bgs.

3.1.4 Hydrology

The Subject Property is located within the hydrogeologic province of the Upper Wabash River Basin, which is considered to be the largest water management basin in Indiana (Fenelon, et al, 1994). The main tributary of the area is the Upper Wabash River. There are minor tributaries associated with the basin, more specifically, as located in Delphi, is Deer Creek, located about 800 feet southeast of the site. Three aquifers have been identified in the area around Delphi: a surficial sand and gravel aquifer; buried sand and gravel aquifer; and a carbonate bedrock aquifer (Fenelon, et al, 1994). The City of Delphi is served by a public water supply. Water well records available on the Indiana Department of Natural Resources website indicate static water levels in the area as 14 to more than 50-feet below the ground surface (BGS).

3.2 Laboratory Analysis and Data Assessment

All laboratory analyses of groundwater samples were conducted by Pace Analytical Laboratories of Indianapolis, Indiana. All groundwater samples were stored on ice or refrigerated until couriered to the lab. Not including QA/QC samples, a total of five (5) groundwater samples were analyzed for VOCs by EPA (SW-846) Method 8260.

Field QA/QC samples for groundwater included a field duplicate, one (1) equipment blanks (EB), a trip blank (TB), and an MS/MSD. Laboratory QA/QC included method blanks, laboratory control samples (LCS), surrogate spikes, and MS/MSD. LCS, surrogate spike and MS/MSD recoveries and Relative Percent Difference (RPD) were within laboratory control limits for the COCs analyzed during this sampling event. No CoCs were detected in the trip or equipment blanks. The QA/QC samples met the IDEM R2 minimum data requirements.

No VOCs were detected in MW-4D and the field duplicate at greater than five times the reporting limit (>5x RL). The RPD for detection of TCE and PCE were less than 8% and the average RPD of the two (2) analyte detections was 0%. The RPD indicates acceptable field precision for the samples.

3.3 Soil Results

No soil samples were collected in the current quarter. The results of soil sampling in previous rounds of investigation were discussed in the associated ISI, FSI and QM Reports. Soil analytical results are tabulated in **Table 3** and summarized in **Figure 3**, not including the 2013 limited Phase II ESA.

3.4 Groundwater Results

Groundwater levels were measured as described above; the data are tabulated in **Table 2** and depicted on the groundwater flow maps, **Figures 4** and **5**. Groundwater samples were collected from MW-2D, MW-3D, MW-4D, MW-5, and MW-6 using the sampling procedure described above in Section 2.2 and analyzed for CoCs.

The analytical laboratory report is included in **Appendix B**. The current groundwater analytical results are summarized in **Table 4** and on **Figure 6**. Historic groundwater results are tabulated in **Table 5**.

Groundwater samples from the five (5) monitoring wells were analyzed for CoCs using EPA Method 8260. All sampled locations were below detection limits or R2 RGW PLs.

3.5 Vapor Intrusion Results

No indoor air or sub-slab soil gas samples were collected during the current quarter. Historic vapor sampling results are tabulated in **Table 6** and the most recent is shown on **Figure 7**.

Inspection of the VIM system at 117-119 Main Street was completed on May 16th 2024. The comprehensive assessment revealed that the system is operating properly, meeting all necessary standards and requirements, thus ensuring effective mitigation of vapor intrusion risks at this property.

3.6 Exterior Soil Gas Results

No exterior soil gas samples were collected during the current quarter. Historic vapor sampling results are tabulated in **Table 6** and are shown on **Figure 8** (most recent result from 1st Quarter of 2024) and in the report for FSI #3 (BCA, 2023a).

4.0 DISCUSSION/CONCLUSIONS

Monitoring wells MW-2D, MW-3D, MW-4D, MW-5, and MW-6 associated with the Subject Property and Study Area were sampled on May 29th of 2024. No monitoring well samples exhibited concentrations of VOCs above their respective screening levels.

CONCLUSIONS

The groundwater elevations, VIM inspection, and analytical data from the current quarter confirm:

1. PCE was not detected in the sample collected at MW-4D;
2. the TCE concentration at MW-4D is significantly lower than that observed during the previous sampling events;
3. groundwater flow in both the Shallow and Bedrock aquifers is consistent with previous sampling events;
4. the VIM system at 117/119 Main Street is working properly and is effectively keeping indoor air and sub-slab soil gas vapor concentrations below screening levels.

5.0 RECOMMENDATIONS

Based on the results of this quarterly monitoring event conducted at the Subject Property located at 113-117 East Main Street in Delphi, Indiana, BCA recommends:

1. continued quarterly sampling of monitoring wells MW-2D, MW-3D, MW-4D, MW-5, and MW-6;
2. continued operation of the VIM System at 117-119 E. Main Street;
3. developing a Remediation Work Plan for the Subject Property/Study Area.

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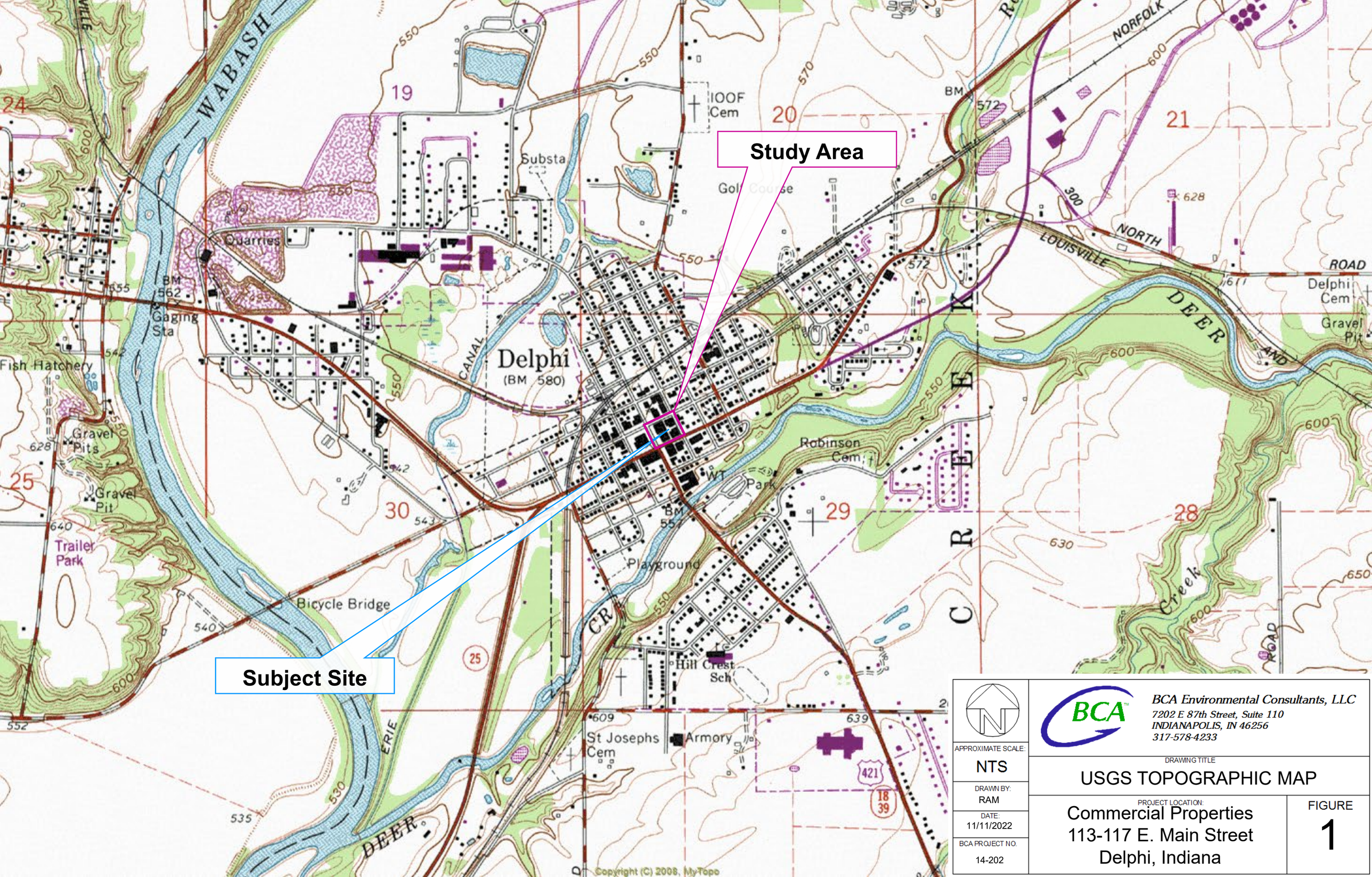
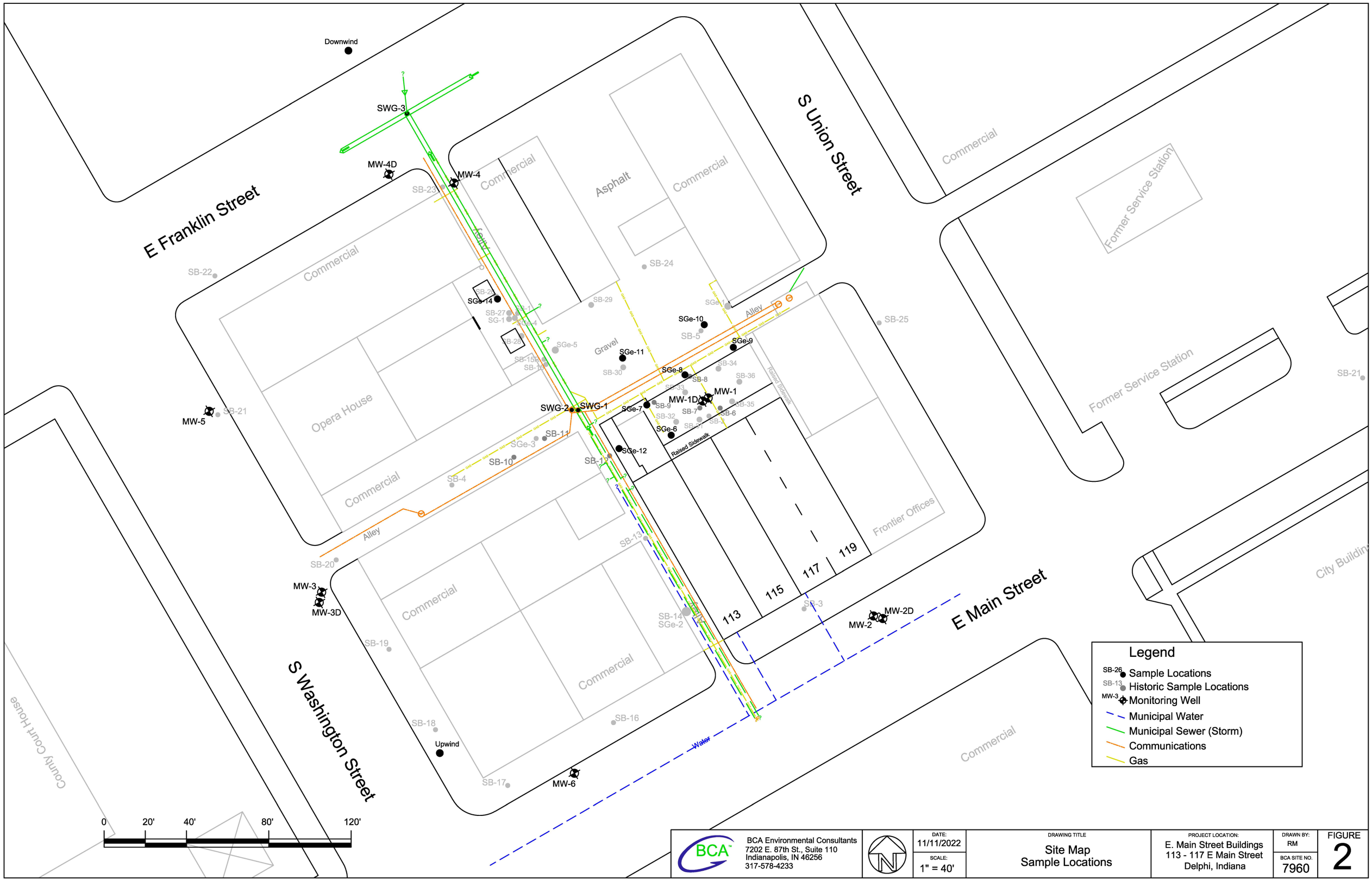
Figures

Quarterly Monitoring Report
Commercial Properties
113 – 117 E. Main Street, Delphi



APPROXIMATE SCALE: NTS	BCA Environmental Consultants, LLC 7202 E 87th Street, Suite 110 INDIANAPOLIS, IN 46256 317-578-4233
DRAWN BY: RAM	DRAWING TITLE: USGS TOPOGRAPHIC MAP
DATE: 11/11/2022	PROJECT LOCATION: Commercial Properties 113-117 E. Main Street Delphi, Indiana
BCA PROJECT NO. 14-202	FIGURE 1



BCA Environmental Consultants 7202 E. 87th St., Suite 110 Indianapolis, IN 46256 317-578-4233	DATE: 11/11/2022 SCALE: 1" = 40'	DRAWING TITLE Site Map Sample Locations	PROJECT LOCATION: E. Main Street Buildings 113 - 117 E Main Street Delphi, Indiana	DRAWN BY: RM BCA SITE NO. 7960	FIGURE 2

Legend

- SP-1 — Boring Location
- Sample Exceeds R2 Residential HHLs
- Sample Exceeds R2 Industrial HHLs
- Sample Exceeds R2 Excavation HHLs
- Sample Location <R2 HHLs or BDL (See Tables)
- MW-6 — Monitoring Well

BDL = Below Detection Limits
R2 = Risk-based Closure Guide
NA = Not Analyzed
All soil results are reported in milligrams per kilogram (mg/kg)

E Franklin Street

E Main Street

S Washington

Alley

Commercial

Asphalt

Gravel Lot

Opera House

Former Service Station

Frontier Offices

Raised Sidewalk

County Court House

MW-4D

MW-4

MW-5

MW-1

MW-1D

MW-2

MW-2D

MW-3

MW-3D

MW-6

SB-20 9/16/2015

VOCs (6')	
cis-1,2-DCE	BDL
PCE	BDL
TCE	BDL
VC	BDL
Naphthalene	45.4
Other VOCs	<R2

SB-32 10/22/2022

VOCs (6')	
All VOCs	BDL
VOCs (8')	
All VOCs	<R2
VOCs (9.5')	
cis-1,2-DCE	<R2
PCE	494
TCE	<R2
VC	BDL
Other VOCs	BDL
VOCs (12')	
All VOCs	<R2

MW-6 8/24/2022

VOCs (6')	
cis-1,2-DCE	BDL
PCE	BDL
TCE	BDL
VC	BDL
Naphthalene	70.8
Other VOCs	<R2
VOCs (14')	
All VOCs	BDL

0' 20' 40' 80' 120'

BCA Environmental Consultants
7202 E. 87th St., Suite 110
Indianapolis, IN 46256
317-578-4233

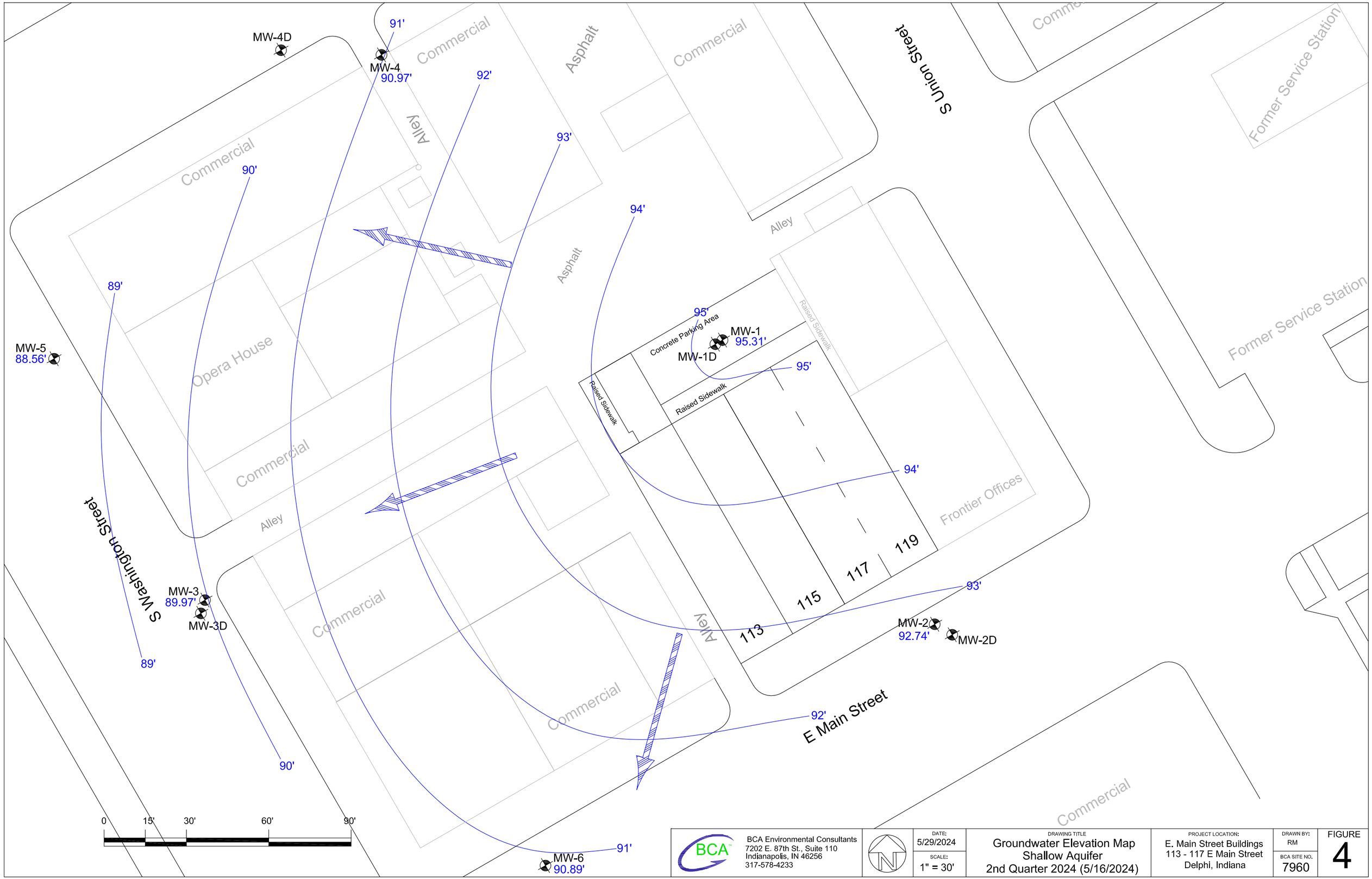
DATE: 7/14/2023
SCALE: 1" = 40'

DRAWING TITLE: Site Map Soil Analytical Results

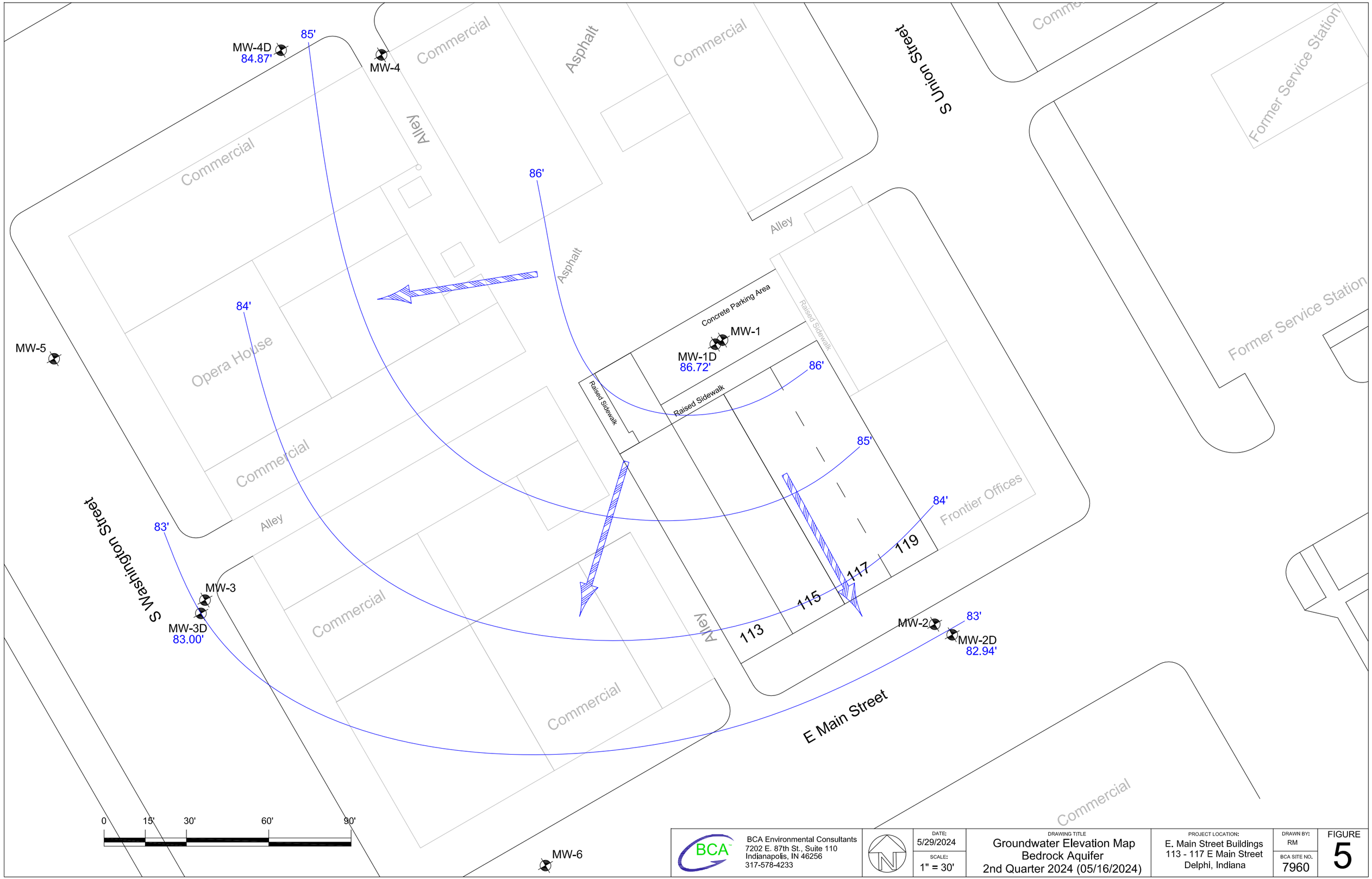
PROJECT LOCATION: E. Main Street Buildings 113 - 117 E Main Street Delphi, Indiana

DRAWN BY: RM
BCA SITE NO. 7960

FIGURE 3



BCA Environmental Consultants 7202 E. 87th St., Suite 110 Indianapolis, IN 46256 317-578-4233	DATE: 5/29/2024 SCALE: 1" = 30'	DRAWING TITLE Groundwater Elevation Map Shallow Aquifer 2nd Quarter 2024 (5/16/2024)	PROJECT LOCATION: E. Main Street Buildings 113 - 117 E Main Street Delphi, Indiana	DRAWN BY: RM BCA SITE NO. 7960	FIGURE 4



BCA Environmental Consultants
7202 E. 87th St., Suite 110
Indianapolis, IN 46256
317-578-4233

DATE: 5/29/2024
SCALE: 1" = 30'

DRAWING TITLE
Groundwater Elevation Map
Bedrock Aquifer
2nd Quarter 2024 (05/16/2024)

PROJECT LOCATION:
E. Main Street Buildings
113 - 117 E Main Street
Delphi, Indiana

DRAWN BY: RM
BCA SITE NO. 7960

FIGURE 5

MW-4D 05/16/2024
VOCs
TCE <R2
All other VOCs BDL

MW-4D DUP 05/16/2024
VOCs
TCE <R2
All other VOCs BDL

MW-5 05/16/2024
VOCs
All VOCs BDL

MW-3D 05/16/2024
VOCs
All VOCs BDL

MW-2D 05/16/2024
VOCs
All VOCs BDL

MW-6 05/16/2024
VOCs
All VOCs BDL

E Franklin Street
S Union Street
S Washington Street
E Main Street
Alley
Commercial
Asphalt
Gravel
Opera House
Raised Sidewalk
Frontier Offices
Former Service Station
City Building
County Court House
113
115
119

Legend

- Below R2 or BDL
- Sample Exceeds R2 Residential HHL
- Not Sampled
- Monitoring Well

R2 = Risk-based Closure Guide (R2)
HHL = Human Health Level
BDL = Below Detection Limits
Groundwater results are reported in micrograms per Liter (ug/L)

0 20' 40' 80' 120'

BCA Environmental Consultants
7202 E. 87th St., Suite 110
Indianapolis, IN 46256
317-578-4233

DATE: 5/16/2024
SCALE: 1" = 40'

DRAWING TITLE: Groundwater Analytical Results VOCS

PROJECT LOCATION: E. Main Street Buildings 113 - 117 E Main Street Delphi, Indiana

DRAWN BY: RM
BCA SITE NO. 7960

FIGURE 6

UPWIND 03/01/2024
VOCs
All VOCs BDL

UPWIND

Concrete Parking Area

Raised Sidewalk

Elevator

Raised Sidewalk

VIM System Fans/Exhaust

Raised Sidewalk

IA-10

DOWNWIND

DOWNWIND 03/01/2024
VOCs
All VOCs <R2

Equipment Room

Offices

Breakroom

IA-10 03/01/2024
VOCs
All VOCs BDL

Conf. Room

IA-9 03/01/2024
VOCs
All VOCs BDL

Restrooms

Restrooms

Closet

Offices

Reception Area

IA-9

Kitchen

Dining Area

Utilities

Restrooms

Corridor

Equipment Room

IA-21 03/01/2024
VOCs
All VOCs BDL

Restrooms

Conf.

Office

Entryway

Reception Area

Edward Jones
113

115

Team Rehab

Stonehouse
117

119

Frontier Office
123 E. Main

1st Floor -
Ground Level

Legend

- Exceeds R2 HHL - Residential
- Exceeds R2 HHL - Commercial
- Below Detection Limits or <R2 HHL

R2 = Risk-based Closure Guide
BDL = Below Detection Limit
HHL = Human Health Levels

Corrugated-Perforated Pipe Covered with Plastic

VIM System Fans/Exhaust (4)

Sub-Surface Extraction Points (6)

SSsg-2 03/01/2024
VOCs
All VOCs <R2

SSsg-2

IA-8

IA-21

IA-8 03/01/2024
VOCs
All VOCs <R2

Stonehouse
117

119

Crawlspace

Basement

0 15' 30' 60' 90'

BCA Environmental Consultants
7202 E. 87th St., Suite 110
Indianapolis, IN 46256
317-578-4233

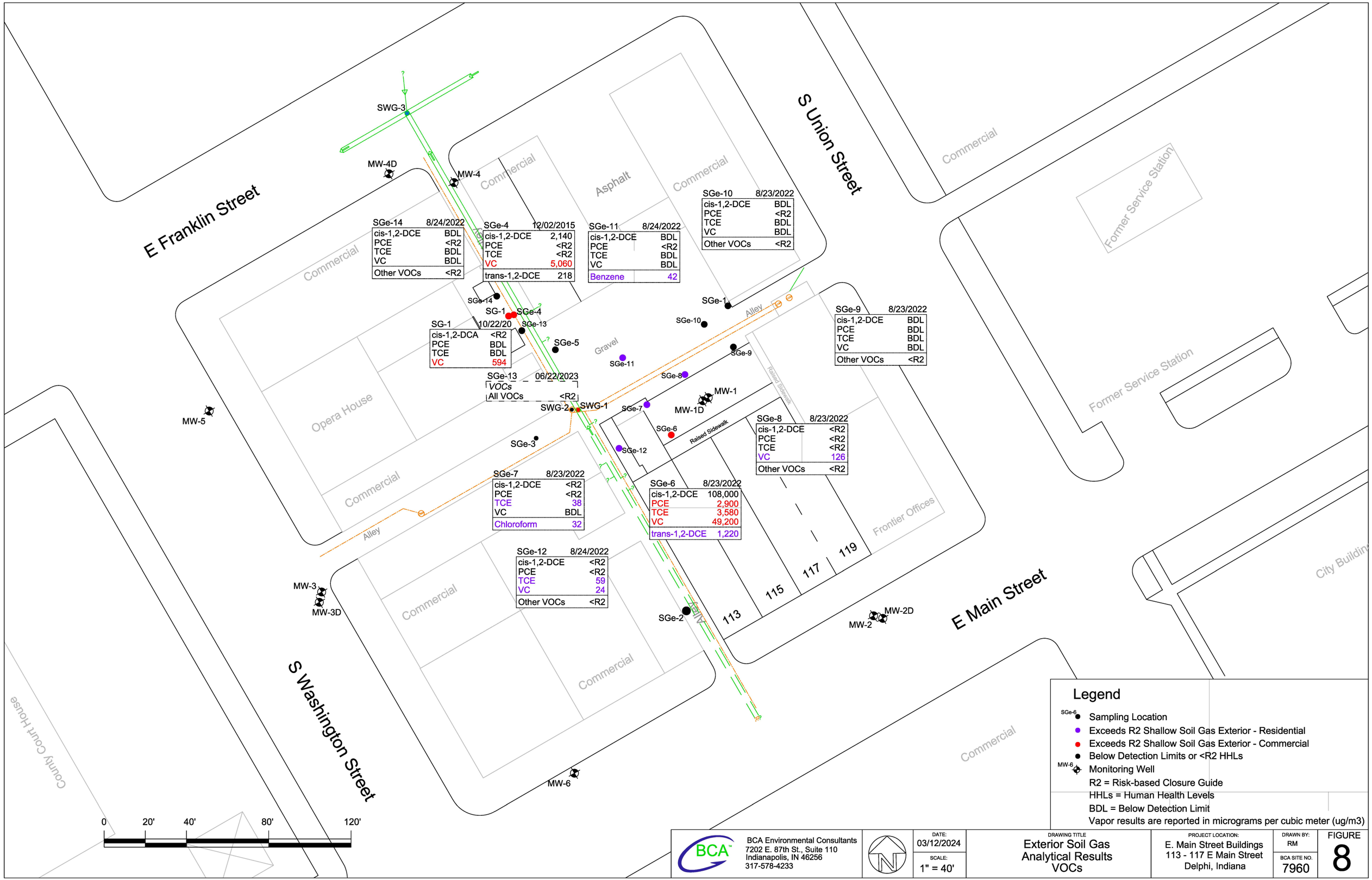
DATE: 3/11/2024
SCALE: 1" = 30'

DRAWING TITLE
Indoor Air and Sub-Slab
Analytical Results
VOCs

PROJECT LOCATION:
East Main Street Buildings
113 - 117 E Main Street
Delphi, Indiana

DRAWN BY: RAM
BCA SITE NO. 7960

FIGURE 7


E Franklin Street
S Union Street
S Washington Street
E Main Street
Commercial
Asphalt
Gravel
Alley
Raised Sidewalk
Opera House
Former Service Station
Frontier Offices
City Building
County Court House
SWG-3
MW-4D
MW-4
MW-5
MW-3
MW-3D
MW-6
MW-1
MW-1D
MW-2
MW-2D
SWG-1
SWG-2
SG-1
SGe-1
SGe-2
SGe-3
SGe-4
SGe-5
SGe-6
SGe-7
SGe-8
SGe-9
SGe-10
SGe-11
SGe-12
SGe-13
SGe-14
113
115
117
119
SGe-14 8/24/2022
cis-1,2-DCE BDL
PCE <R2
TCE BDL
VC BDL
Other VOCs <R2
SGe-4 12/02/2015
cis-1,2-DCE 2,140
PCE <R2
TCE <R2
VC 5,060
trans-1,2-DCE 218
SGe-11 8/24/2022
cis-1,2-DCE BDL
PCE <R2
TCE BDL
VC BDL
Benzene 42
SGe-10 8/23/2022
cis-1,2-DCE BDL
PCE <R2
TCE BDL
VC BDL
Other VOCs <R2
SG-1 10/22/20
cis-1,2-DCA <R2
PCE BDL
TCE BDL
VC 594
SGe-13 06/22/2023
VOCs
All VOCs <R2
SGe-9 8/23/2022
cis-1,2-DCE BDL
PCE BDL
TCE BDL
VC BDL
Other VOCs <R2
SGe-8 8/23/2022
cis-1,2-DCE <R2
PCE <R2
TCE <R2
VC 126
Other VOCs <R2
SGe-7 8/23/2022
cis-1,2-DCE <R2
PCE <R2
TCE 38
VC BDL
Chloroform 32
SGe-6 8/23/2022
cis-1,2-DCE 108,000
PCE 2,900
TCE 3,580
VC 49,200
trans-1,2-DCE 1,220
SGe-12 8/24/2022
cis-1,2-DCE <R2
PCE <R2
TCE 59
VC 24
Other VOCs <R2
0 20' 40' 80' 120'
Legend
Sampling Location
Exceeds R2 Shallow Soil Gas Exterior - Residential
Exceeds R2 Shallow Soil Gas Exterior - Commercial
Below Detection Limits or <R2 HHLs
Monitoring Well
R2 = Risk-based Closure Guide
HHLs = Human Health Levels
BDL = Below Detection Limit
Vapor results are reported in micrograms per cubic meter (ug/m3)
BCA Environmental Consultants
7202 E. 87th St., Suite 110
Indianapolis, IN 46256
317-578-4233
DATE: 03/12/2024
SCALE: 1" = 40'
DRAWING TITLE
Exterior Soil Gas Analytical Results VOCs
PROJECT LOCATION:
E. Main Street Buildings
113 - 117 E Main Street
Delphi, Indiana
DRAWN BY: RM
BCA SITE NO. 7960
FIGURE 8

Tables

Quarterly Monitoring Report
Commercial Properties
113 – 117 E. Main Street, Delphi

GPS Data Table

Site/Facility Name: **113-117 E Main Street, Delphi**
Site/Facility ID: **7960**
OLQ Program:
Purpose of Data Collection: Monitoring Well Locations

Data Collector Name: Rod Manny
Data Processor Name: David Scovel, LPG

Projection: UTM Zone 16N
Datum: NAD 83 (CORS96)
Units: Meters
GPS Reciever Brand/Model: Nomad 900 G
Reciever Type: Mapping Grade GPS

Point Type	Name	Depth Feet	Refusal (Bedrock)	Groundwater Obtained	Description/Notes	Max PDOP	Correction Method	Instrument	Date	Time	Data File Name	Total Positions	Vert Precision	Horiz Precision	Standard Deviation	Easting meters	Northing meters	HAE meters
Monitoring Wells	MW- 1 D	33.90		Y		5.8	Uncorrected	Nomad	11/8/2022	12:15:20pm	DELPHI MW-1D.cor	279	2.8	3.4	1.016882	527634.999	4492939.168	177.186
Monitoring Wells	MW- 1	17.35		Y		23.1	Uncorrected	Nomad	2/22/2016	03:24:53pm	113-117 MAIN.cor	185	1.2	8.1	4.447201	527633.445	4492947.438	146.603
Monitoring Wells	MW- 2 D	35.35		Y		7	Uncorrected	Nomad	8/26/2022	04:12:56pm	DELPHI MW 2022.cor	273	1.8	3.6	2.929001	527655.708	4492912.642	178.924
Monitoring Wells	MW- 2	18.90		Y		29.2	Postprocessed Code	Nomad	2/22/2016	03:19:44pm	113-117 MAIN.cor	204	1.5	4.5	0.69448	527657.060	4492906.906	148.284
Monitoring Wells	MW- 3 D	35.12		Y		7.2	Postprocessed Code	Nomad	8/26/2022	10:07:33am	DELPHI MW 2022.cor	265	1.9	2.8	0.842774	527569.681	4492914.244	181.964
Monitoring Wells	MW- 3	18.90		Y		6.2	Postprocessed Code	Nomad	2/22/2016	03:43:23pm	113-117 MAIN.cor	189	1.4	1.9	2.729318	527573.573	4492915.074	147.38
Monitoring Wells	MW- 4 D	34.55		Y		4.6	Postprocessed Code	Nomad	8/26/2022	10:13:21am	DELPHI MW 2022.cor	190	1.4	2.9	1.409781	527585.03	4492973.563	179.444
Monitoring Wells	MW- 4	16.65		Y		150.5	Uncorrected	Nomad	2/22/2016	03:38:30pm	113-117 MAIN.cor	207	3.2	5.3	3.705413	527594.705	4492976.209	147.676
Monitoring Wells	MW- 5	18.18		Y		5.4	Uncorrected	Nomad	8/26/2022	10:03:20am	DELPHI MW 2022.cor	191	2.1	3.1	1.410722	527559.741	4492942.675	181.836
Monitoring Wells	MW- 6	19.15		Y		5.1	Postprocessed Code	Nomad	8/26/2022	10:19:23am	DELPHI MW 2022.cor	223	1.9	3.6	1.22157	527608.120	4492887.654	179.135

NAD83 (CORS96)
Horizontal
Continuously Operating Reference Stations Readjustment of NAD 83

Table 2
Groundwater Elevation Data

Sample Point ID	Date	Top of Screen (feet TOC)	Bottom Of Screen (feet TOC)	Ground Surface Elevation	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-1	4/29/2016	7.35	17.35	101.31	101.06	5.81	95.25
	11/8/2022					5.95	95.11
	6/7/2023					6.13	94.93
	8/24/2023					5.95	95.11
	11/20/2023					6.12	94.94
	2/29/2024					5.92	95.14
	5/16/2024					5.75	95.31
MW-1D	4/30/2018	23.90	33.90	101.31	100.73	16.43	84.30
	11/8/2022					14.00	86.73
	6/7/2023					15.14	85.59
	8/24/2023					13.40	87.33
	2/29/2024					14.98	85.75
	5/16/2024					14.01	86.72
MW-2	4/29/2016	8.90	18.90	100.39	100.08	7.88	92.20
	11/8/2022					5.62	94.46
	6/7/2023					6.00	94.08
	8/24/2023					7.11	92.97
	11/20/2023					6.66	93.42
	2/29/2024					7.48	92.60
	5/16/2024					7.34	92.74
MW-2D	11/8/2022	25.35	35.35	100.39	100.45	13.98	86.47
	6/7/2023					14.45	86.00
	8/24/2023					16.36	84.09
	11/20/2023					20.49	79.96
	2/29/2024					17.50	82.95
	5/16/2024					17.51	82.94
MW-3	4/29/2016	8.90	18.90	98.58	98.32	8.17	90.15
	11/8/2022					8.67	89.65
	6/7/2023					8.76	89.56
	8/24/2023					8.58	89.74
	11/20/2023					8.37	89.95
	2/29/2024					8.49	89.83
	5/16/2024					8.35	89.97
MW-3D	11/8/2022	25.12	35.12	98.58	98.34	17.96	80.38
	6/7/2023					17.88	80.46
	8/24/2023					16.36	81.98
	11/20/2023					17.49	80.85
	2/29/2024					17.19	81.15
	5/16/2024					15.34	83.00
MW-4	4/29/2016	6.65	16.65	97.41	97.20	5.84	91.36
	11/8/2022					5.58	91.62
	6/7/2023					6.49	90.71
	8/24/2023					6.29	90.91
	11/20/2023					6.10	91.10
	2/29/2024					6.26	90.94
	5/16/2024					6.23	90.97

Table 2
Groundwater Elevation Data

Sample Point ID	Date	Top of Screen (feet TOC)	Bottom Of Screen (feet TOC)	Ground Surface Elevation	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-4D	11/8/2022	24.55	34.55	--	96.76	14.83	81.93
	6/7/2023					14.76	82.00
	8/24/2023					13.02	83.74
	11/20/2023					15.02	81.74
	2/29/2024					13.62	83.14
	5/16/2024					11.89	84.87
MW-5	11/8/2022	8.18	18.18	--	97.57	9.15	88.42
	6/7/2023					9.10	88.47
	8/24/2023					9.08	88.49
	11/20/2023					9.18	88.39
	2/29/2024					9.04	88.53
	5/16/2024					9.01	88.56
MW-6	11/8/2022	9.15	19.15	--	99.20	8.66	90.54
	6/7/2023					9.09	90.11
	8/24/2023					7.34	91.86
	11/20/2023					7.83	91.37
	2/29/2024					9.68	89.52
	5/16/2024					8.31	90.89

T = Well located using Trimble Nomad 900 Mapping Grade GPS unit

Table 3
Soil VOC Analytical Results - All Results

Project ID	Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	1,4-Dichlorobenzene	**cis-1,2-Dichloroethene**	trans-1,2-Dichloroethene	Iodomethane	Naphthalene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	**Tetrachloroethene**	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	**Trichloroethene**	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	**Vinyl chloride**
		CAS Number		67-64-1	104-51-8	106-46-7	156-59-2	156-60-5	74-88-4	91-20-3	630-20-6	79-34-5	127-18-4	108-88-3	87-61-6	120-82-1	71-55-6	79-00-5	79-01-6	95-63-6	108-67-8	75-01-4
R2 Residential Direct Contact Human Health Level*			mg/kg	---	---	---	---	---	---	**30**	---	---	---	---	**90**	**80**	---	---	---	---	---	---
R2 Commercial/Industrial Direct Contact Human Health Level*			mg/kg	---	---	---	---	---	---	**90**	---	---	---	---	**900**	**300**	---	---	---	---	---	---
R2 Excavation Direct Contact Human Health Level*			mg/kg	**100000**	**100**	**20000**	**2000**	**2000**	---	**3000**	**700**	**2000**	**200**	**800**	**2000**	**400**	**600**	**30**	**200**	**200**	**200**	**1000**
RCG Soil Migration to GW Screening Level*			mg/kg	**74**	**64**	**1.4**	**0.41**	**0.62**	---	**0.079**	**0.043**	**0.0059**	**0.045**	**14**	**0.42**	**4.1**	**1.4**	**0.032**	**0.036**	**1.6**	**1.7**	**0.014**
113-117 Main/Delphi 14-202	SB-6 10.5'	06/29/2015 10:30	mg/kg	<2.1	<0.10	<0.10	**0.25**	<0.10	<0.10	<0.10	<0.10	<0.10	**12.3**	<0.10	<0.10	<0.10	<0.10	**0.34**	**0.17 J**	<0.10	<0.10	<0.10
113-117 Main/Delphi 14-202	SB-7 5.5-6'	06/29/2015 10:55	mg/kg	<2.5	<0.12	<0.12	**0.79**	<0.12	<0.12	<0.12	<0.12	<0.12	**0.13 J**	<0.12	<0.12	<0.12	<0.12	<0.12	**0.61**	<0.12	<0.12	<0.12
113-117 Main/Delphi 14-202	SB-7 5.5-6' DUP	06/29/2015 10:55	mg/kg	<2.2	<0.11	<0.11	**0.99**	<0.11	<0.11	<0.11	<0.11	<0.11	**0.69**	<0.11	<0.11	<0.11	<0.11	<0.11	**1.6**	<0.11	<0.11	<0.11
113-117 Main/Delphi 14-202	SB-8 5-5.5'	06/29/2015 11:25	mg/kg	<0.049	<0.0024	<0.0024	**0.063**	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.00097	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	**0.010**	<0.0024	<0.0024	**0.012**
113-117 Main/Delphi 14-202	SB-9 4.5-5'	06/29/2015 12:15	mg/kg	<0.050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0010	<0.0025	<0.0025	<0.0025
113-117 Main/Delphi 14-202	SB-10 6-7'	06/29/2015 13:46	mg/kg	**0.059 J**	<0.0022	<0.0022	**0.0092**	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.00086	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.00086	<0.0022	<0.0022	<0.0022
113-117 Main/Delphi 14-202	SB-11 5.5-6'	06/29/2015 14:15	mg/kg	**0.062 J**	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.00079	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.00079	<0.0020	<0.0020	<0.0020
113-117 Main/Delphi 14-202	SB-12 4.5-5'	06/29/2015 15:00	mg/kg	<0.94	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.019	<0.047	<0.047	<0.047	<0.047	<0.047	<0.019	<0.047	<0.047	<0.047
113-117 Main/Delphi 14-202	SB-13 5-6'	09/17/2015 13:00	mg/kg	<0.058	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0012	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0016	<0.0029	<0.0029	<0.0029
113-117 Main/Delphi 14-202	SB-13 5-6' DUP	09/17/2015 13:00	mg/kg	<0.069	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0014	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0019	<0.0035	<0.0035	<0.0035
113-117 Main/Delphi 14-202	SB-14 5-6'	09/17/2015 12:10	mg/kg	<0.049	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	**0.024**	<0.0024	<0.0024	<0.00097	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0014	<0.0024	<0.0024	<0.0024
113-117 Main/Delphi 14-202	SB-15 10-11'	09/17/2015 13:55	mg/kg	<0.035	<0.0018	<0.0018	**0.49**	**0.037**	<0.0018	<0.0018	<0.0018	<0.0018	<0.00071	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	**0.029**	<0.0018	<0.0018	**0.011**
113-117 Main/Delphi 14-202	SB-16 4-5'	09/16/2015 11:20	mg/kg	<0.056	<0.0028	<0.0028	<0.0028	<0.0028	<0.0028	<0.0028	<0.0028	<0.0028	<0.0011	<0.0028	<0.0028	<0.0028	<0.0028	<0.0028	<0.0011	<0.0028	<0.0028	<0.0028
113-117 Main/Delphi 14-202	SB-17 10-11'	09/16/2015 12:10	mg/kg	<0.041	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	**0.0098**	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.00082	<0.0021	<0.0021	<0.0021
113-117 Main/Delphi 14-202	SB-18 10-11'	09/16/2015 12:55	mg/kg	<0.039	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.00078	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.00078	<0.0020	<0.0020	<0.0020
113-117 Main/Delphi 14-202	SB-19 10-11'	09/16/2015 13:55	mg/kg	<0.041	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.00081	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.00081	<0.0020	<0.0020	<0.0020
113-117 Main/Delphi 14-202	SB-20 9-10'	09/16/2015 14:50	mg/kg	<0.038	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	**0.012**	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.00075	<0.0019	<0.0019	<0.0019
113-117 Main/Delphi 14-202	SB-20 10-11'	09/16/2015 14:55	mg/kg	<3.5	**0.22 J**	<0.18	<0.18	<0.18	<0.18	**45.4**	<0.18	<0.18	<0.071	<0.18	<0.18	<0.18	<0.18	<0.18	<0.071	**0.19 J**	<0.18	<0.18
113-117 Main/Delphi 14-202	TB	09/16/2015 08:00	mg/kg	<0.050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0010	<0.0025	<0.0025	<0.0025
113-117 Main/Delphi 14-202	SB-21 7-8'	12/1/2015 9:40	mg/kg	<0.0045	<0.0023	<0.0023	<0.0023	<0.0023	<0.0019	<0.0023	<0.0019	<0.0019	<0.00091	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.00091	<0.0023	<0.0019	<0.0023
113-117 Main/Delphi 14-202	SB-22 6-7'	12/1/2015 10:05	mg/kg	<0.040	<0.0020	<0.0020	<0.0020	<0.0020	<0.0019	**0.0021 J**	<0.0019	<0.0019	<0.00080	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.00080	<0.0020	<0.0019	<0.0020
113-117 Main/Delphi 14-202	SB-23 4-5'	12/1/2015 12:10	mg/kg	<0.047	<0.0023	<0.0023	<0.0023	<0.0023	<0.0019	<0.0023	<0.0019	<0.0019	<0.00093	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.00093	<0.0023	<0.0019	<0.0023
113-117 Main/Delphi 14-202	SB-23 6-7'	12/1/2015 12:15	mg/kg	<0.047	<0.0024	**0.0076**	<0.0024	<0.0024	<0.0019	<0.0024	<0.0019	<0.0019	<0.00094	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.00094	<0.0024	<0.0019	<0.0024
113-117 Main/Delphi 14-202	SB-24 5-6'	12/1/2015 10:45	mg/kg	<0.047	<0.0023	<0.0023	<0.0023	<0.0023	<0.0019	<0.0023	<0.0019	<0.0019	<0.00093	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.00093	<0.0023	<0.0019	<0.0023
113-117 Main/Delphi 14-202	SB-25 5-6'	12/1/2015 11:45	mg/kg	**0.093 J**	<0.0026	<0.0026	<0.0026	<0.0026	<0.0019	<0.0026	<0.0019	<0.0019	<0.0010	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	<0.0010	<0.0026	<0.0019	<0.0026
113-117 Main/Delphi 14-202	SB-25 5-6' DUP	12/1/2015 11:45	mg/kg	**0.091 J**	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0019	<0.0019	<0.00099	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.00099	<0.0025	<0.0019	<0.0025
113-117 Main/Delphi 14-202	MW-1D 7'	1/23/2018 12:15	mg/kg	< 24.5	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	**164**	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	**0.40J**	< 1.2	< 1.2	< 1.2
113-117 Main/Delphi 14-202	MW-1D 7' DUP	1/23/2018 12:15	mg/kg	< 20.8	< 1.0	< 1.0	**0.55J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**156**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.58J**	< 1.0	< 1.0	< 1.0
113-117 Main/Delphi 14-202	MW-1D 23.5	1/23/2018 14:45	mg/kg	< 0.085	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043	0.043	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043	< 0.0043

Table 3
Soil VOC Analytical Results - All Results

Project ID	Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	1,4-Dichlorobenzene	**cis-1,2-Dichloroethene**	trans-1,2-Dichloroethene	Iodomethane	Naphthalene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	**Tetrachloroethene**	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	**Trichloroethene**	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	**Vinyl chloride**
		CAS Number		67-64-1	104-51-8	106-46-7	156-59-2	156-60-5	74-88-4	91-20-3	630-20-6	79-34-5	127-18-4	108-88-3	87-61-6	120-82-1	71-55-6	79-00-5	79-01-6	95-63-6	108-67-8	75-01-4
R2 Residential Direct Contact Human Health Level*			mg/kg	---	---	---	---	---	---	**30**	---	---	---	---	**90**	**80**	---	---	---	---	---	---
R2 Commercial/Industrial Direct Contact Human Health Level*			mg/kg	---	---	---	---	---	---	**90**	---	---	---	---	**900**	**300**	---	---	---	---	---	---
R2 Excavation Direct Contact Human Health Level*			mg/kg	**100000**	**100**	**20000**	**2000**	**2000**	---	**3000**	**700**	**2000**	**200**	**800**	**2000**	**400**	**600**	**30**	**200**	**200**	**200**	**1000**
RCG Soil Migration to GW Screening Level*			mg/kg	**74**	**64**	**1.4**	**0.41**	**0.62**	---	**0.079**	**0.043**	**0.0059**	**0.045**	**14**	**0.42**	**4.1**	**1.4**	**0.032**	**0.036**	**1.6**	**1.7**	**0.014**
113-117 Main/Delphi 14-202	SB-26 2.5'	10/21/2020 10:50	mg/kg	<0.10	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052
113-117 Main/Delphi 14-202	SB-26 9'	10/21/2020 11:00	mg/kg	<0.12	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058
113-117 Main/Delphi 14-202	SB-27 3.5'	10/21/2020 12:15	mg/kg	<0.13	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
113-117 Main/Delphi 14-202	SB-27 9'	10/21/2020 12:25	mg/kg	<0.16	<0.0079	<0.0079	**0.036**	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079
113-117 Main/Delphi 14-202	SB-28 3'	10/21/2020 11:30	mg/kg	<0.10	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
113-117 Main/Delphi 14-202	SB-28 10'	10/21/2020 11:50	mg/kg	<0.10	<0.0050	<0.0050	**0.017**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
113-117 Main/Delphi 14-202	SB-29 3'	10/21/2020 12:55	mg/kg	<0.11	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056
113-117 Main/Delphi 14-202	SB-29 10'	10/21/2020 13:05	mg/kg	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
113-117 Main/Delphi 14-202	SB-30 4'	10/21/2020 12:35	mg/kg	<0.13	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064
113-117 Main/Delphi 14-202	SB-30 10'	10/21/2020 12:45	mg/kg	<0.17	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084	<0.0084
113-117 Main/Delphi 14-202	SB-31 5'	10/21/2020 15:50	mg/kg	<0.16	<0.0078	<0.0078	**0.0097**	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	**0.34**	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	**0.026**	<0.0078	<0.0078	<0.0078
113-117 Main/Delphi 14-202	SB-31 10'	10/21/2020 15:55	mg/kg	<8.8	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	**12.4**	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
113-117 Main/Delphi 14-202	SB-31 10' DUP	10/21/2020 15:55	mg/kg	<9.1	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	**25.3**	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
113-117 Main/Delphi 14-202	SB-31 12'	10/21/2020 15:55	mg/kg	<0.087	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044
113-117 Main/Delphi 14-202	SB-32 6'	10/22/2020 09:00	mg/kg	<0.088	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044
113-117 Main/Delphi 14-202	SB-32 8'	10/22/2020 09:00	mg/kg	<0.13	<0.0065	<0.0065	**3.0**	**0.014**	<0.0065	<0.0065	<0.0065	<0.0065	**9.5**	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	**2.3**	<0.0065	<0.0065	**0.12**
113-117 Main/Delphi 14-202	SB-32 9.5'	10/22/2020 09:05	mg/kg	<9.1	<0.46	<0.46	**2.0**	<0.46	<0.46	<0.46	<0.46	<0.46	**494**	<0.46	<0.46	<0.46	<0.46	<0.46	**5.6**	<0.46	<0.46	<0.46
113-117 Main/Delphi 14-202	SB-32 12'	10/22/2020 09:05	mg/kg	<0.085	<0.0043	<0.0043	**0.0071**	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	**0.84**	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	**0.014**	<0.0043	<0.0043	**0.0052**
113-117 Main/Delphi 14-202	SB-33 7'	10/22/2020 09:30	mg/kg	<0.13	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	**0.017**
113-117 Main/Delphi 14-202	SB-33 8.5'	10/22/2020 09:35	mg/kg	<0.18	<0.0088	<0.0088	**0.11**	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	**3.4**	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	**0.84**	<0.0088	<0.0088	<0.0088
113-117 Main/Delphi 14-202	SB-33 8.5' DUP	10/22/2020 09:35	mg/kg	<0.11	<0.0055	<0.0055	**0.12**	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	**4.2**	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	**0.88**	<0.0055	<0.0055	<0.0055
113-117 Main/Delphi 14-202	SB-33 11'	10/22/2020 09:35	mg/kg	<0.16	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	**0.011**	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078
113-117 Main/Delphi 14-202	SB-34 7'	10/21/2020 14:20	mg/kg	<0.10	<0.0051	<0.0051	**0.046**	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
113-117 Main/Delphi 14-202	SB-34 11'	10/21/2020 14:25	mg/kg	<0.090	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
113-117 Main/Delphi 14-202	SB-35 6'	10/21/2020 15:20	mg/kg	<0.084	<0.0042	<0.0042	**0.027**	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	**0.032**	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	**0.0084**	<0.0042	<0.0042	<0.0042
113-117 Main/Delphi 14-202	SB-35 8'	10/21/2020 15:20	mg/kg	<0.090	<0.0045	<0.0045	**0.94**	**0.0095**	<0.0045	<0.0045	<0.0045	<0.0045	**0.0047**	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	**0.005**	<0.0045	<0.0045	**0.017**
113-117 Main/Delphi 14-202	SB-35 12'	10/21/2020 15:25	mg/kg	<0.10	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052
113-117 Main/Delphi 14-202	SB-36 6'	10/21/2020 14:45	mg/kg	<0.097	<0.0048	<0.0048	**0.24**	<0.0048	**0.016**	<0.0048	<0.0048	<0.0048	**0.03**	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	**0.031**	<0.0048	<0.0048	<0.0048
113-117 Main/Delphi 14-202	SB-36 10'	10/21/2020 14:50	mg/kg	<0.11	<0.0055	<0.0055	**0.19**	**0.016**	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	**0.0085**	<0.0055	<0.0055	<0.0055
113-117 Main/Delphi 14-202	SB-36 12'	10/21/2020 14:50	mg/kg	<0.095	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
113-117 Main/Delphi 14-202	TB-1	10/21/2020 08:00	mg/kg	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 3
Soil VOC Analytical Results - All Results

Project ID	Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	1,4-Dichlorobenzene	**cis-1,2-Dichloroethene**	trans-1,2-Dichloroethene	Iodomethane	Naphthalene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	**Tetrachloroethene**	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	**Trichloroethene**	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	**Vinyl chloride**
		CAS Number		67-64-1	104-51-8	106-46-7	156-59-2	156-60-5	74-88-4	91-20-3	630-20-6	79-34-5	127-18-4	108-88-3	87-61-6	120-82-1	71-55-6	79-00-5	79-01-6	95-63-6	108-67-8	75-01-4
R2 Residential Direct Contact Human Health Level*			mg/kg	---	---	---	---	---	---	**30**	---	---	---	---	**90**	**80**	---	---	---	---	---	---
R2 Commercial/Industrial Direct Contact Human Health Level*			mg/kg	---	---	---	---	---	---	**90**	---	---	---	---	**900**	**300**	---	---	---	---	---	---
R2 Excavation Direct Contact Human Health Level*			mg/kg	**100000**	**100**	**20000**	**2000**	**2000**	---	**3000**	**700**	**2000**	**200**	**800**	**2000**	**400**	**600**	**30**	**200**	**200**	**200**	**1000**
RCG Soil Migration to GW Screening Level*			mg/kg	**74**	**64**	**1.4**	**0.41**	**0.62**	---	**0.079**	**0.043**	**0.0059**	**0.045**	**14**	**0.42**	**4.1**	**1.4**	**0.032**	**0.036**	**1.6**	**1.7**	**0.014**
113-117 Main St	MW-2D (9')	08/24/2022 13:40	mg/kg	<0.40	<0.020	<0.020	<0.020	<0.020	<0.40	<0.0049	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
113-117 Main St	MW-2D (20')	08/24/2022 14:25	mg/kg	<0.11	<0.0053	<0.0053	<0.0053	<0.0053	<0.11	<0.0052	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
113-117 Main St	MW-3D (6')	08/23/2022 12:35	mg/kg	<0.095	<0.0047	<0.0047	<0.0047	<0.0047	<0.095	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
113-117 Main St	MW-3D (6') DUP	08/23/2022 12:35	mg/kg	<0.089	<0.0044	<0.0044	<0.0044	<0.0044	<0.089	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044
113-117 Main St	MW-4D (6')	08/25/2022 08:20	mg/kg	<0.13	<0.0063	<0.0063	<0.0063	<0.0063	<0.13	**0.11**	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063
113-117 Main St	MW-4D (14')	08/25/2022 08:40	mg/kg	<0.11	<0.0056	<0.0056	<0.0056	<0.0056	<0.11	**0.011**	<0.0056	<0.0056	<0.0056	**0.012**	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	**0.0085**	<0.0056	<0.0056
113-117 Main St	MW-5 (5')	08/23/2022 08:00	mg/kg	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
113-117 Main St	MW-6 (2')	08/24/2022 08:20	mg/kg	**0.11**	<0.0053	<0.0053	<0.0053	<0.0053	<0.11	**70.8**	<0.0053	<0.0053	<0.0053	**0.052**	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	**0.11**	**0.073**	<0.0053
113-117 Main St	MW-6 (13')	08/24/2022 08:55	mg/kg	<0.12	<0.0059	<0.0059	<0.0059	<0.0059	<0.12	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059
113-117 Main St	TB-1	08/23/2022 08:00	mg/kg	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
113-117 Main/Delphi 14-202	Field Duplicate RPD (SB-7 5.5-6' & Dup)**		%	0.00%	0.00%	0.00%	**103.85%**	0.00%	0.00%	0.00%	0.00%	0.00%	**136.59%**	0.00%	0.00%	0.00%	0.00%	0.00%	**89.59%**	0.00%	0.00%	0.00%
113-117 Main/Delphi 14-202	Field Duplicate RPD (SB-13 5-6' & Dup)**		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
113-117 Main/Delphi 14-202	Field Duplicate RPD (SB-25 5-6' & Dup)**		%	**2.17%**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
113-117 Main/Delphi 14-202	Field Duplicate RPD (MW-1D 7' & Dup)**		%	0.00%	0.00%	0.00%	**8.70%**	0.00%	0.00%	0.00%	0.00%	0.00%	**5.00%**	0.00%	0.00%	0.00%	0.00%	0.00%	**36.73%**	0.00%	0.00%	0.00%
113-117 Main/Delphi 14-202	Field Duplicate RPD (SB-31 10' & Dup)**		%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	**68.44%**	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
113-117 Main/Delphi 14-202	Field Duplicate RPD (SB-33 8.5' & Dup)**		%	0.00%	0.00%	0.00%	**8.70%**	0.00%	0.00%	0.00%	0.00%	0.00%	**21.05%**	0.00%	0.00%	0.00%	0.00%	0.00%	**4.65%**	0.00%	0.00%	0.00%

Notes:

Samples analyzed using EPA SW-846 Method 8260

mg/kg = milligrams per kilogram

VOCs = Volatile Organic Compounds

BDL - Below Detection Limits

[1] Risk-based Closure Guide, Risk Screeening Table, Table1: Human Health Level Summary Table - 2023

[2] RPD = relative percent difference =ABS((X-Y)/((X+Y)/2)) --- if both values are below Reporting Limit, then the RPD is considered 0%

Table 4
Groundwater VOC Analytical Results

Project ID	Sample ID	Collected Date	Units	1 ,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride
			CAS Number	540-59-0	156-59-2	156-60-5	127-18-4	79-01-6	75-01-4
R2 Residential Groundwater Human Health Level*				---	70	100	5	5	2
1st Quarter - 2024									
113-117 Main Delphi / #24-164	MW-2D	05/16/2024 10:08	ug/L	<2.0	<5.0	<5.0	<2.0	<2.0	<1.0
113-117 Main Delphi / #24-164	MW-3D	05/16/2024 11:16	ug/L	<2.0	<5.0	<5.0	<2.0	<2.0	<1.0
113-117 Main Delphi / #24-164	MW-4D	05/16/2024 12:55	ug/L	<2.0	<5.0	<5.0	<2.0	**2.6**	<1.0
113-117 Main Delphi / #24-164	MW-4D DUP	05/16/2024 12:55	ug/L	<2.0	<5.0	<5.0	<2.0	**2.6**	<1.0
113-117 Main Delphi / #24-164	MW-5	05/16/2024 11:53	ug/L	<2.0	<5.0	<5.0	<2.0	<2.0	<1.0
113-117 Main Delphi / #24-164	MW-6	05/16/2024 10:40	ug/L	<2.0	<5.0	<5.0	<2.0	<2.0	<1.0
113-117 Main Delphi / #24-164	EB-1	05/16/2024 13:06	ug/L	<2.0	<5.0	<5.0	<2.0	<2.0	<1.0
113-117 Main Delphi / #24-164	TB-1	05/16/2024 08:00	ug/L	<2.0	<5.0	<5.0	<2.0	<2.0	<1.0
Field Duplicate RPD (MW-4D & DUP)**			%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%

Notes:

Samples analyzed using EPA SW-846 Method 5030B/8260

ug/L = micrograms per liter

VOCs = Volatile Organic Compounds

BDL = Below Detection Limits

*Risk-based Closure Guide, Risk Screening Table, Table 1: Human Health Level Summary Table - 2024

**RPD = relative percent difference = ABS((X-Y)/((X+Y)/2)) --- if both values are below Reporting Limit, then the RPD is considered 0%

Table 5
Groundwater VOC Analytical Results - Historical

Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	Chloroform	Chloromethane	1,4-Dichlorobenzene	1,1-Dichloroethene	1 ,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Hexachloro-1,3-butadiene	Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tetrachloroethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	Vinyl chloride	Other VOCs
CAS Number			67-64-1	104-51-8	67-66-3	74-87-3	106-46-7	75-35-4		156-59-2	156-60-5	87-68-3	75-09-2	90-12-0	91-57-6	91-20-3	127-18-4	108-88-3	87-61-6	120-82-1	79-01-6	95-63-6	75-01-4	Varies
R2 Residential Groundwater Human Health Level*			20000	1000	80	200	75	7		70	100	1	5	10	40	1	5	1000	7	70	5	60	2	Varies
MW-1	2/22/2016 11:44	ug/L	<0.68	<0.060	<0.080	<0.12	<0.11	**5.8**		**2,050**	**19.6**	<0.19	<0.80	---	---	<0.080	**1,020**	**0.41 J**	<0.090	<0.090	**789**	<0.10	**168**	BDL
MW-1 DUP	2/22/2016 11:44	ug/L	<0.68	<0.060	<0.080	<0.12	<0.11	**6.4**		**1,940**	**19.6**	<0.19	<0.80	---	---	<0.080	**990**	**0.38 J**	<0.090	<0.090	**729**	<0.10	**170**	BDL
MW-1	4/29/2016 12:48	ug/L	<12.2	<0.43	<0.99	<2.2	<0.27	<0.97		**360**	**4.0 J**	<0.47	**2.1 J**	---	---	<0.30	**218**	<0.56	<0.48	<0.46	**144**	<0.26	**18.8**	BDL
MW-1 DUP	4/29/2016 12:48	ug/L	<12.2	<0.43	<0.99	**1.6 J**	<0.27	<0.97		**353**	**3.8 J**	<0.47	<0.49	---	---	<0.30	**213**	<0.56	<0.48	<0.46	**143**	<0.26	**18.2**	BDL
MW-1	7/28/2016 14:59	ug/L	<0.68	<0.060	<0.080	<0.12	<0.11	**2.5J**		**1,020**	**10.7**	<0.19	<0.80	---	---	<0.080	**1,050**	<0.080	<0.090	<0.090	**627**	<0.10	**99.2**	BDL
MW-1 DUP	7/28/2016 14:59	ug/L	<0.78	<0.080	<0.060	<0.17	<0.13	<0.16		**353**	**3.8 J**	<0.47	<0.49	---	---	<0.30	**213**	<0.56	<0.48	<0.46	**143**	<0.26	**18.2**	BDL
MW-1	11/18/2016 17:15	ug/L	<50.0	<2.5	<2.5	<2.5	<2.5	<2.5		**414**	**4.6 J**	<2.5	<2.5	<2.5	<10.0	<1.4	**183**	<2.5	<2.5	<2.5	**130**	<2.5	**19.6**	BDL
MW-1 DUP	11/18/2016 17:15	ug/L	<50.0	<2.5	<2.5	<2.5	<2.5	<2.5		**408**	**4.7 J**	<2.5	<2.5	<2.5	<10.0	<1.4	**181**	<2.5	<2.5	<2.5	**131**	<2.5	**19.2**	BDL
MW-1	1/24/2017 15:00	ug/L	<50.0	<2.5	<2.5	<3.0	<2.5	<2.5		**466**	**4.3 J**	<2.5	<2.5	<2.5	<10.0	<1.4	**317**	<2.5	<2.5	<2.5	**226**	<2.5	**5.1**	BDL
MW-1 DUP	1/24/2017 15:00	ug/L	<50.0	<2.5	<2.5	<3.0	<2.5	<2.5		**463**	**4.5 J**	<2.5	<2.5	<2.5	<10.0	<1.4	**319**	<2.5	<2.5	<2.5	**216**	<2.5	**4.9**	BDL
MW-1	4/25/2017 15:10	ug/L	<5.9	<0.67	<0.60	<0.61	<1.1	<0.60		**352**	**3.7 J**	<0.69	<5.0	**1.8 J**	<0.79	<0.74	**413**	<0.45	<0.89	<0.86	**183**	<0.87	**1.3 J**	BDL
MW-1 DUP	4/25/2017 15:10	ug/L	<5.9	<0.67	<0.60	<0.61	<1.1	<0.60		**362**	**4.3 J**	<0.69	<5.0	<0.52	<0.79	<0.74	**419**	<0.45	<0.89	<0.86	**189**	<0.87	**1.3 J**	BDL
MW-1	7/18/2017 14:24	ug/L	<28.2	<0.75	<1.4	<3.0	<0.75	<1.4		**499**	<1.2	<1.9	**9.0 J**	<1.8	<0.70	<0.60	**567**	<0.50	<1.4	<1.1	**262**	<0.50	**32.2**	BDL
MW-1 DUP	7/18/2017 14:24	ug/L	<25.6	<1.1	<5.0	<1.5	<1.0	<1.6		**226**	<1.6	<1.4	**5.3 J**	<6.2	<0.80	<0.95	**310**	<0.75	<1.2	<1.8	**137**	<0.75	**31.5**	BDL
MW-1	10/11/2017 16:50	ug/L	< 500	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0		**713**	**15.6J**	< 25.0	< 25.0	< 25.0	< 50.0	< 8.5	**474**	< 25.0	< 25.0	< 25.0	**278**	< 25.0	**77.0**	BDL
MW-1 DUP	10/11/2017 16:50	ug/L	< 500	< 25.0	< 25.0	< 25.0	< 25.0	< 25.0		**728**	**18.9J**	< 25.0	< 25.0	< 25.0	< 50.0	< 8.5	**532**	< 25.0	< 25.0	< 25.0	**290**	< 25.0	**86.1**	BDL
MW-1	1/31/2018 16:44	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		**306**	**4.9J**	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	**323**	< 5.0	< 5.0	< 5.0	**203**	< 5.0	**22.8**	BDL
MW-1 DUP	1/31/2018 16:44	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		**301**	**4.6J**	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	**329**	< 5.0	< 5.0	< 5.0	**210**	< 5.0	**22.5**	BDL
MW-1	04/30/2018 14:17	ug/L	<100	<5.0	<0.41	<5.0	<5.0	<0.27		**380**	<5.0	<5.0	<5.0	<0.59	<1.1	<1.0	**530**	<5.0	<0.84	<5.0	**332**	<5.0	**6.6**	BDL
MW-1 DUP	04/30/2018 14:17	ug/L	<100	<5.0	<0.41	<5.0	<5.0	<0.27		**359**	<5.0	<5.0	<5.0	<0.59	<1.1	<1.0	**467**	<5.0	<0.84	<5.0	**303**	<5.0	**5.5**	BDL
MW-1	07/25/2018 13:51	ug/L	<1.3	<0.35	<0.48	<0.83	<0.29	0.95 J		**446**	**6.7**	<1.1	<5.0	<1.3	<4.0	<0.27	**452**	<0.55	<0.31	<0.36	**283**	<0.42	**26.9**	BDL
MW-1 DUP	07/25/2018 13:51	ug/L	<1.3	<0.35	<0.48	<0.83	<0.29	0.82 J		**480**	**6.6**	<1.1	<5.0	<1.3	<4.0	<0.27	**512**	<0.55	<0.31	<0.36	**313**	<0.42	**29.3**	BDL
MW-1	10/18/2018 10:50	ug/L	<9.3	<0.50	<0.20	<0.24	<0.13	**1.3 J**		**668**	**8.2**	**0.50 J**	<1.6	<5.0	<0.22	<1.0	**728**	<1.0	<0.27	<0.17	**448**	<0.50	**66.1**	BDL
MW-1 DUP	10/18/2018 10:50	ug/L	<9.3	<0.50	<0.20	<0.24	<0.13	**1.5 J**		**617**	**8.5**	<0.31	<1.6	<5.0	**0.29 J**	<1.0	**684**	<1.0	<0.27	<0.17	**410**	<0.50	**61.7**	BDL
MW-1	1/24/2019 14:52	ug/L	<3.4		<0.41	<0.16	<5.0	<0.27		**298**	**3.5J**		<5.0			<0.56	**332**	<5.0			**239**	<0.15	<0.18	BDL
MW-1 DUP	1/24/2019 14:52	ug/L	<3.4		<0.41	<0.16	<5.0	<0.27		**294**	**3.0J**		<5.0			<0.56	**331**	<5.0			**233**	<0.15	<0.18	BDL
MW-1	04/23/2019 15:35	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**94.5**	<5.0	<1.0	<5.0			<1.0	**172**	<1.0	<1.0	<1.0	**61.5**	<5.0	<1.0	BDL
MW-1 DUP	04/23/2019 15:35	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**94.4**	<5.0	<1.0	<5.0			<1.0	**166**	<1.0	<1.0	<1.0	**59.9**	<5.0	<1.0	BDL
MW-1	07/25/2019 15:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**293**	<5.0	<1.0	<5.0			<1.0	**556**	<1.0	<1.0	<1.0	**293**	<5.0	**23.1**	BDL
MW-1 Dup	07/25/2019 15:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**288**	<5.0	<1.0	<5.0			<1.0	**536**	<1.0	<1.0	<1.0	**288**	<5.0	**23.7**	BDL
MW-1	10/29/2019 13:34	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	**1.1**		**539**	**7.6**	<1.0	<5.0			<1.0	**521**	<1.0	<1.0	<1.0	**257**	<5.0	**87.3**	BDL
MW-1 DUP	10/29/2019 13:34	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	**1.3**		**496**	**7.4**	<1.0	<5.0			<1.0	**407**	<1.0	<1.0	<1.0	**253**	<5.0	**95.5**	BDL
MW-1	02/12/2020 16:10	ug/L	<1000	<50.0	<50.0	<100	<50.0	<50.0		**271**	<250	<50.0	<250			<50.0	**262**	<50.0	<50.0	<50.0	**190**	<250	<50.0	BDL
MW-1 DUP	02/12/2020 16:10	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**280**	<5.0	<1.0	<5.0			<1.0	**290**	<1.0	<1.0	<1.0	**281**	<5.0	**2.5**	BDL
MW-1	05/01/2020 13:30	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**225**	<5.0	<1.0	<5.0			<1.0	**328**	<1.0	<1.0	<1.0	**257**	<5.0	**1.7**	BDL
MW-1 DUP	05/01/2020 13:30	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**207**	<5.0	<1.0	<5.0			<1.0	**343**	<1.0	<1.0	<1.0	**260**	<5.0	**1.5**	BDL
MW-1	06/08/2023 14:23	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**55.0**	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	**67.8**	<1.0	<1.0	<1.0	**20.7**	<5.0	<1.0	BDL
MW-1 DUP	06/08/2023 14:23	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**54.9**	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	**67.3**	<1.0	<1.0	<1.0	**20.6**	<5.0	<1.0	BDL

Table 5
Groundwater VOC Analytical Results - Historical

Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	Chloroform	Chloromethane	1,4-Dichlorobenzene	1,1-Dichloroethene	1 ,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Hexachloro-1,3-butadiene	Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tetrachloroethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	Vinyl chloride	Other VOCs
CAS Number			67-64-1	104-51-8	67-66-3	74-87-3	106-46-7	75-35-4		156-59-2	156-60-5	87-68-3	75-09-2	90-12-0	91-57-6	91-20-3	127-18-4	108-88-3	87-61-6	120-82-1	79-01-6	95-63-6	75-01-4	Varies
R2 Residential Groundwater Human Health Level*			20000	1000	80	200	75	7		70	100	1	5	10	40	1	5	1000	7	70	5	60	2	Varies
MW-1D	1/31/2018 15:59	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
MW-1D	04/30/2018 13:41	ug/L	<100	<5.0	<0.41	<5.0	<5.0	<0.27		<5.0	<5.0	<5.0	<5.0	<0.59	<1.1	<1.0	<5.0	<5.0	<0.84	<5.0	<5.0	<5.0	<2.0	BDL
MW-1D	07/25/2018 13:11	ug/L	<1.3	<0.35	<0.48	<0.83	<0.29	<0.77		<0.48	<0.76	<1.1	<5.0	<1.3	<4.0	<0.27	<0.93	<0.55	<0.31	<0.36	<0.64	<0.42	<0.97	BDL
MW-1D	10/18/2018 10:07	ug/L	<9.3	<0.50	<0.20	<0.24	<0.13	<0.16		**3.8 J**	<0.15	<0.31	<1.6	<5.0	**0.26 J**	<1.0	**1.1 J**	<1.0	<0.27	<0.17	**0.82 J**	<0.50	<0.22	BDL
MW-1D	1/24/2019 13:50	ug/L	<2.4		<0.33	<5.0	<5.0	<5.0		<5.0	<5.0		<5.0			<1.0	<5.0	<5.0			<0.30	<5.0	<2.0	BDL
MW-1D	04/23/2019 13:45	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-1D	07/25/2019 14:07	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-1D	10/29/2019 12:37	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-1D	02/12/2020 15:44	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-1D	05/01/2020 13:01	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-1D	06/07/2023 14:50	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-2	2/22/2016 11:15	ug/L	**8.2 J**	<0.080	<0.060	<0.15	<0.13	<0.16		<0.080	<0.29	<0.27	<0.78	---	---	<0.19	<0.28	**0.48 J**	<0.20	<0.29	<0.12	<0.12	<0.18	BDL
MW-2	4/29/2016 14:10	ug/L	<12.2	<0.43	<0.99	<1.4	**0.38 J**	<0.97		<0.93	<1.1	<0.47	<0.49	---	---	**1.3 J**	<0.59	<0.56	<0.48	<0.46	<0.50	**0.28 J**	<1.5	BDL
MW-2	7/28/2016 12:57	ug/L	<0.78	<0.080	<0.060	<0.17	<0.13	<0.16		<0.080	<0.19	<0.27	<0.78	---	---	<0.19	<0.28	<0.060	<0.20	<0.29	<0.12	<0.12	<0.18	BDL
MW-2	11/18/2016 14:45	ug/L	<50.0	<2.5	<2.5	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	<1.0	<2.5	<2.5	<2.5	<1.0	<2.5	<1.0	BDL
MW-2	1/24/2017 12:20	ug/L	<50.0	<2.5	<2.5	<3.0	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	<1.4	<2.5	<2.5	<2.5	<1.1	<2.5	<1.2	BDL
MW-2	4/25/2017 12:45	ug/L	<5.9	<0.67	<0.60	<0.61	<1.1	<0.60		<0.42	<0.55	<0.69	<5.0	<0.52	<0.79	<0.74	<0.41	<0.45	<0.89	<0.86	<0.37	<0.87	<0.38	BDL
MW-2	7/18/2017 15:12	ug/L	<5.1	<0.22	<1.0	<0.30	<0.21	<0.31		<0.27	<0.31	<0.28	<0.80	<1.2	<0.16	<0.19	<0.29	<0.15	<0.24	<0.36	<0.32	<0.15	<0.30	BDL
MW-2	10/11/2017 15:52	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
MW-2	1/31/2018 14:20	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
MW-2	04/30/2018 11:33	ug/L	<100	<5.0	<0.41	<5.0	<5.0	<0.27		<5.0	<5.0	<5.0	<5.0	<0.59	<1.1	<1.0	<5.0	<5.0	<0.84	<5.0	<5.0	<5.0	<2.0	BDL
MW-2	07/25/2018 11:09	ug/L	<1.3	<0.35	<0.48	<0.83	<0.29	<0.77		<0.48	<0.76	<1.1	<5.0	<1.3	<4.0	<0.27	<0.93	<0.55	<0.31	<0.36	<0.64	<0.42	<0.97	BDL
MW-2	10/18/2018 12:08	ug/L	<9.3	<0.50	<0.20	<0.24	<0.13	<0.16		**0.37 J**	<0.15	<0.31	<1.6	<5.0	<0.22	<1.0	**2.1 J**	<1.0	<0.27	<0.17	**0.39 J**	<0.50	<0.22	BDL
MW-2	1/24/2019 10:15	ug/L	<3.4		<0.41	<0.16	<5.0	<0.27		<0.15	<0.18		<5.0	---	---	<0.56	<0.17	<5.0			<0.16	<0.15	<0.18	BDL
MW-2	04/23/2019 14:50	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-2	07/25/2019 13:25	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-2	10/29/2019 10:27	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-2	02/12/2020 12:03	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-2	05/01/2020 10:40	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-2	06/08/2023 09:11	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-2D	10/13/2022 15:15	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-2D	06/08/2023 08:39	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-2D	08/24/2023 15:08	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-2D	11/20/2023 12:31	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-2D	03/01/2024 10:17	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-2D	05/16/2024 10:08	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	

Table 5
Groundwater VOC Analytical Results - Historical

Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	Chloroform	Chloromethane	1,4-Dichlorobenzene	1,1-Dichloroethene	1 ,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Hexachloro-1,3-butadiene	Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tetrachloroethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	Vinyl chloride	Other VOCs
	CAS Number		67-64-1	104-51-8	67-66-3	74-87-3	106-46-7	75-35-4		156-59-2	156-60-5	87-68-3	75-09-2	90-12-0	91-57-6	91-20-3	127-18-4	108-88-3	87-61-6	120-82-1	79-01-6	95-63-6	75-01-4	Varies
R2 Residential Groundwater Human Health Level*			20000	1000	80	200	75	7		70	100	1	5	10	40	1	5	1000	7	70	5	60	2	Varies
MW-3	2/22/2016 10:45	ug/L	<0.78	<0.080	<0.060	<0.15	<0.13	<0.16		<0.080	<0.29	<0.27	<0.78	---	---	<0.19	<0.28	<0.060	<0.20	<0.29	<0.12	<0.12	<0.18	BDL
MW-3	4/29/2016 11:30	ug/L	<12.2	<0.43	<0.99	<1.4	<0.27	<0.97		<0.93	<1.1	<0.47	<0.49	---	---	<0.30	<0.59	<0.56	<0.48	<0.46	<0.50	<0.26	<1.5	BDL
MW-3	7/28/2016 13:37	ug/L	<0.78	<0.080	<0.060	<0.15	<0.13	<0.16		<0.080	<0.29	<0.27	<0.78	---	---	<0.19	<0.28	<0.060	<0.20	<0.29	<0.12	<0.12	<0.18	BDL
MW-3	11/18/2016 15:50	ug/L	<50.0	<2.5	<2.5	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	<1.0	<2.5	<2.5	<2.5	<1.0	<2.5	<1.0	BDL
MW-3	1/24/2017 13:10	ug/L	<50.0	<2.5	<2.5	<3.0	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	<1.4	<2.5	<2.5	<2.5	<1.1	<2.5	<1.2	BDL
MW-3	4/25/2017 13:33	ug/L	<5.9	<0.67	<0.60	<0.61	<1.1	<0.60		<0.42	<0.55	<0.69	<5.0	<0.52	<0.79	<0.74	<0.41	<0.45	<0.89	<0.86	<0.37	<0.87	<0.38	BDL
MW-3	7/18/2017 12:44	ug/L	<5.1	<0.22	<1.0	<0.30	<0.21	<0.31		<0.27	<0.31	<0.28	<0.80	<1.2	<0.16	<0.19	<0.29	<0.15	<0.24	<0.36	<0.32	<0.15	<0.30	BDL
MW-3	10/11/2017 13:28	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
MW-3	1/31/2018 15:11	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
MW-3	04/30/2018 12:48	ug/L	<100	<5.0	<0.41	<5.0	<5.0	<0.27		<5.0	<5.0	<5.0	<5.0	<0.59	<1.1	<1.0	<5.0	<5.0	<0.84	<5.0	<5.0	<5.0	<2.0	BDL
MW-3	07/25/2018 11:42	ug/L	<1.3	<0.35	<0.48	<0.83	<0.29	<0.77		<0.48	<0.76	<1.1	<5.0	<1.3	<4.0	<0.27	<0.93	<0.55	<0.31	<0.36	<0.64	<0.42	<0.97	BDL
MW-3	10/18/2018 11:37	ug/L	<1.0	**0.51 J**	<0.54	<0.70	<0.41	<0.31		<0.54	<0.44	**2.5 J**	<5.0	**1.6 J**	**1.9 J**	<1.0	**3.3 J**	<0.59	**0.72 J**	**0.70 J**	**0.80 J**	<0.57	<0.47	BDL
MW-3	1/24/2019 11:01	ug/L	<3.4		<0.41	<0.16	<5.0	<0.27		<0.15	<0.18		<5.0			<0.56	<0.17	<5.0			<0.16	<0.15	<0.18	BDL
MW-3	04/23/2019 12:20	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-3	07/25/2019 12:17	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-3	10/29/2019 11:06	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-3	02/12/2020 12:37	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			**1.1**	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-3	05/01/2020 11:31	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-3	06/07/2023 10:55	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-3D	10/13/2022 10:56	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-3D	06/07/2023 11:39	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-3D	08/24/2023 12:34	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-3D	11/20/2023 10:45	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-3D	02/29/2024 15:19	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-3D	05/16/2024 11:16	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	

Table 5
Groundwater VOC Analytical Results - Historical

Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	Chloroform	Chloromethane	1,4-Dichlorobenzene	1,1-Dichloroethene	1 ,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Hexachloro-1,3-butadiene	Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tetrachloroethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	Vinyl chloride	Other VOCs
	CAS Number		67-64-1	104-51-8	67-66-3	74-87-3	106-46-7	75-35-4		156-59-2	156-60-5	87-68-3	75-09-2	90-12-0	91-57-6	91-20-3	127-18-4	108-88-3	87-61-6	120-82-1	79-01-6	95-63-6	75-01-4	Varies
R2 Residential Groundwater Human Health Level*			20000	1000	80	200	75	7		70	100	1	5	10	40	1	5	1000	7	70	5	60	2	Varies
MW-4	2/22/2016 12:36	ug/L	**42.9 J**	<0.060	**16.3**	<0.12	<0.11	<0.17		**2.0 J**	<0.14	<0.19	**4.8 J**	---	---	<0.060	<0.22	**2.9 J**	<0.090	<0.090	<0.11	**0.48 J**	<0.12	BDL
MW-4	4/29/2016 10:20	ug/L	**27.5 J**	<0.43	<0.99	<1.4	<0.27	<0.97		**2.4 J**	<0.70	<0.47	<0.49	---	---	<0.30	<0.59	<0.56	<0.48	<0.46	<0.50	<0.26	<1.5	BDL
MW-4	7/28/2016 14:22	ug/L	<0.78	<0.080	<0.060	<0.15	<0.13	<0.16		<0.080	<0.29	<0.27	<0.78	---	---	<0.19	<0.28	**2.1 J**	<0.20	<0.29	<0.12	<0.12	<0.18	BDL
MW-4	11/18/2016 16:35	ug/L	<50.0	<2.5	<2.5	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	<1.0	<2.5	<2.5	<2.5	<1.0	<2.5	<1.0	BDL
MW-4	1/24/2017 14:05	ug/L	<50.0	<2.5	<2.5	<3.0	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	<1.4	<2.5	<2.5	<2.5	<1.1	<2.5	<1.2	BDL
MW-4	4/25/2017 14:18	ug/L	<5.9	<0.67	<0.60	<0.61	<1.1	<0.60		<0.42	<0.55	<0.69	<5.0	<0.52	<0.79	<0.74	<0.41	<0.45	<0.89	<0.86	<0.37	<0.87	<0.38	BDL
MW-4	7/18/2017 13:35	ug/L	**49.4 J**	<0.22	<1.0	<0.30	<0.21	<0.31		<0.27	<0.31	<0.28	<0.80	<1.2	<0.16	<0.19	<0.29	<0.15	<0.24	<0.36	<0.32	<0.15	<0.30	BDL
MW-4	10/11/2017 14:42	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
MW-4	1/31/2018 13:15	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
MW-4	04/30/2018 12:16	ug/L	<100	<5.0	<0.41	<5.0	<5.0	<0.27		<5.0	<5.0	<5.0	<5.0	<0.59	<1.1	<1.0	<5.0	<5.0	<0.84	<5.0	<5.0	<5.0	<2.0	BDL
MW-4	07/25/2018 10:36	ug/L	3.4 J	<0.35	<0.48	<0.83	<0.29	<0.77		<0.48	<0.76	<1.1	<5.0	<1.3	<4.0	<0.27	<0.93	<0.55	<0.31	<0.36	<0.64	<0.42	<0.97	BDL
MW-4	10/18/2018 12:38	ug/L	<9.3	<0.50	<0.20	<0.24	**0.39 J**	<0.16		<0.14	<0.15	**0.84 J**	<1.6	<5.0	**0.90 J**	<1.0	**1.5 J**	<1.0	**0.45 J**	**0.40 J**	**0.27 J**	<0.50	<0.22	BDL
MW-4	1/24/2019 11:37	ug/L	<3.4		<0.41	<0.16	<5.0	<0.27		<0.15	<0.18		<5.0			<0.56	<0.17	<5.0			<0.16	<0.15	<0.18	BDL
MW-4	04/23/2019 11:35	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-4	07/25/2019 11:27	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-4	10/29/2019 11:45	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-4	02/12/2020 13:44	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			**5.6**	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-4	05/01/2020 12:12	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-4	06/07/2023 13:48	ug/L	**35.8**	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL

Table 5
Groundwater VOC Analytical Results - Historical

Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	Chloroform	Chloromethane	1,4-Dichlorobenzene	1,1-Dichloroethene	1 ,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Hexachloro-1,3-butadiene	Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tetrachloroethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	Vinyl chloride	Other VOCs
CAS Number			67-64-1	104-51-8	67-66-3	74-87-3	106-46-7	75-35-4		156-59-2	156-60-5	87-68-3	75-09-2	90-12-0	91-57-6	91-20-3	127-18-4	108-88-3	87-61-6	120-82-1	79-01-6	95-63-6	75-01-4	Varies
R2 Residential Groundwater Human Health Level*			20000	1000	80	200	75	7		70	100	1	5	10	40	1	5	1000	7	70	5	60	2	Varies
MW-4D	10/13/2022 11:30	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	**32.9**	<1.0	<1.0	<1.0	**7.1**	<5.0	<1.0	BDL
MW-4D DUP	10/13/2022 11:30	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	**28.4**	<1.0	<1.0	<1.0	**6.6**	<5.0	<1.0	BDL
MW-4D	06/08/2023 13:28	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		**5.2**	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	**29.9**	<1.0	<1.0	<1.0	**7.8**	<5.0	<1.0	BDL
MW-4D	08/24/2023 15:46	ug/L							**3.6**	<5.0	<5.0						**37.1**				**7.2**		<1.0	
MW-4D DUP	08/24/2023 15:46	ug/L							**3.6**	<5.0	<5.0						**38**				**7.0**		<1.0	
MW-4D	11/20/2023 13:51	ug/L							**4.2**	<5.0	<5.0						**9.9**				**4.4**		<1.0	
MW-4D DUP	11/20/2023 13:51	ug/L							**4.2**	<5.0	<5.0						**10.4**				**4.4**		<1.0	
MW-4D	03/01/2024 14:10	ug/L							<2.0	<5.0	<5.0						**2.9**				**4.1**		<1.0	
MW-4D DUP	03/01/2024 14:10	ug/L							<2.0	<5.0	<5.0						**3.1**				**4.4**		<1.0	
MW-4D	05/16/2024 12:55	ug/L							<2.0	<5.0	<5.0						<2.0				**2.6**		<1.0	
MW-4D DUP	05/16/2024 12:55	ug/L							<2.0	<5.0	<5.0						<2.0				**2.6**		<1.0	
MW-5	10/13/2022 12:18	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-5	06/07/2023 10:05	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-5	08/24/2023 11:35	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-5	11/20/2023 11:30	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-5	02/29/2024 14:35	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-5	05/16/2024 11:53	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-6	10/13/2022 09:56	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	---	---	<1.0	<2.0	**5.9**	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-6	06/08/2023 10:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
MW-6	08/24/2023 14:02	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-6	11/20/2023 9:55	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-6	02/29/2024 13:30	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
MW-6	05/16/2024 10:40	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	

Table 5
Groundwater VOC Analytical Results - Historical

Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	Chloroform	Chloromethane	1,4-Dichlorobenzene	1,1-Dichloroethene	1 ,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Hexachloro-1,3-butadiene	Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tetrachloroethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	Vinyl chloride	Other VOCs
	CAS Number		67-64-1	104-51-8	67-66-3	74-87-3	106-46-7	75-35-4		156-59-2	156-60-5	87-68-3	75-09-2	90-12-0	91-57-6	91-20-3	127-18-4	108-88-3	87-61-6	120-82-1	79-01-6	95-63-6	75-01-4	Varies
R2 Residential Groundwater Human Health Level*			20000	1000	80	200	75	7		70	100	1	5	10	40	1	5	1000	7	70	5	60	2	Varies
EQUIP BLANK	2/22/2016 12:50	ug/L	<0.78	<0.080	<0.060	<0.15	<0.13	<0.16		<0.080	<0.29	<0.27	<0.78	---	---	<0.19	<0.28	<0.060	<0.20	<0.29	<0.12	<0.12	<0.18	BDL
EQUIP BLANK	4/29/2016 14:30	ug/L	<12.2	<0.43	<0.99	<1.4	<0.27	<0.97		<0.93	<1.1	<0.47	**0.61 J**	---	---	<0.30	<0.59	<0.56	<0.48	<0.46	<0.50	<0.26	<1.5	BDL
EQUIP BLANK	7/28/2016 15:22	ug/L	<0.78	<0.080	<0.060	<0.15	<0.13	<0.16		<0.080	<0.29	<0.27	<0.78	---	---	<0.19	<0.28	<0.060	<0.20	<0.29	<0.12	<0.12	<0.18	BDL
EQUIP BLANK	11/18/2016 8:00	ug/L	<50.0	<2.5	<2.5	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	<1.0	<2.5	<2.5	<2.5	<1.0	<2.5	<1.0	BDL
EQUIP BLANK	1/24/2017 8:00	ug/L	<50.0	<2.5	<2.5	<3.0	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	**1.7 J**	<2.5	<2.5	<2.5	<1.1	<2.5	<1.2	BDL
EQUIP BLANK	4/25/2017 15:30	ug/L	<5.9	<0.67	<0.60	<0.61	<1.1	<0.60		<0.42	<0.55	<0.69	<5.0	<0.52	<0.79	<0.74	**4.4 J**	<0.45	<0.89	<0.86	**0.78 J**	<0.87	<0.38	BDL
EQUIP BLANK	7/18/2017 17:30	ug/L	<5.1	<0.22	8.4	<0.30	<0.21	<0.31		<0.27	<0.31	<0.28	<0.80	<1.2	<0.16	<0.19	<0.29	<0.15	<0.24	<0.36	<0.32	<0.15	<0.30	BDL
EQUIP BLANK	10/11/2017 0:00	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
EQUIP BLANK	1/31/2018 17:00	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
EQUIP BLANK	04/30/2018 14:50	ug/L	<100	<5.0	<0.41	<5.0	<5.0	<0.27		<5.0	<5.0	<5.0	<5.0	**0.91 J**	**1.5 J**	<1.0	<5.0	<5.0	<0.84	<5.0	<5.0	<5.0	<2.0	BDL
EQUIP BLANK	07/25/2018 14:10	ug/L	<1.3	<0.35	0.57 J	<0.83	<0.29	<0.77		<0.48	<0.76	<1.1	<5.0	<1.3	<4.0	<0.27	<0.93	<0.55	<0.31	<0.36	<0.64	<0.42	<0.97	BDL
EQUIP BLANK	10/18/2018 11:03	ug/L	**1.7 J**	<0.49	<0.54	<0.70	<0.41	<0.31		<0.54	<0.44	**1.1 J**	<5.0	**0.81 J**	**0.93 J**	<1.0	**1.3 J**	<0.59	**0.32 J**	**0.45 J**	<0.53	<0.57	<0.47	BDL
EQUIP BLANK	1/24/2019 15:10	ug/L	<3.4		<0.41	<0.16	<5.0	<0.27		<0.15	<0.18		<5.0			<0.56	<0.17	<5.0			<0.16	<0.15	<0.18	BDL
EQUIP BLANK	04/23/2019 16:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
EQUIP BLANK	07/25/2019 15:20	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
EB-1	10/29/2019 14:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	**3.1**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
EB-1	02/12/2020 16:20	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
EB-1	05/01/2020 13:45	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
EB-1	10/13/2022 13:22	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
EB-1	06/07/2023 15:01	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
EB-2	06/08/2023 12:40	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
EB-3	06/08/2023 13:40	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
EB-1	08/24/2023 16:00	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
EB-1	11/20/2023 14:05	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
EB-1	02/29/2024 15:45	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
EB-2	03/01/2024 14:30	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
EB-1	05/16/2024 13:06	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	

Table 5
Groundwater VOC Analytical Results - Historical

Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	Chloroform	Chloromethane	1,4-Dichlorobenzene	1,1-Dichloroethene	1 ,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Hexachloro-1,3-butadiene	Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tetrachloroethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	Vinyl chloride	Other VOCs
	CAS Number		67-64-1	104-51-8	67-66-3	74-87-3	106-46-7	75-35-4		156-59-2	156-60-5	87-68-3	75-09-2	90-12-0	91-57-6	91-20-3	127-18-4	108-88-3	87-61-6	120-82-1	79-01-6	95-63-6	75-01-4	Varies
R2 Residential Groundwater Human Health Level*			20000	1000	80	200	75	7		70	100	1	5	10	40	1	5	1000	7	70	5	60	2	Varies
TRIP BLANK	2/18/2016 8:00	ug/L	<0.78	<0.080	<0.060	<0.15	<0.13	<0.16		<0.080	<0.29	<0.27	<0.78	---	---	<0.19	<0.28	<0.060	<0.20	<0.29	<0.12	<0.12	<0.18	BDL
TRIP BLANK	7/28/2016 15:22	ug/L	<0.78	<0.080	<0.060	<0.15	<0.13	<0.16		<0.080	<0.29	<0.27	<0.78	---	---	<0.19	<0.28	<0.060	<0.20	<0.29	<0.12	<0.12	<0.18	BDL
TRIP BLANK	11/18/2016 8:00	ug/L	<50.0	<2.5	<2.5	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	<1.0	<2.5	<2.5	<2.5	<1.0	<2.5	<1.0	BDL
TRIP BLANK	1/24/2017 8:00	ug/L	<50.0	<2.5	<2.5	<3.0	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<1.4	<1.4	<2.5	<2.5	<2.5	<1.1	<2.5	<1.2	BDL
TRIP BLANK	4/25/2017 8:00	ug/L	<5.9	<0.67	<0.60	<0.61	<1.1	<0.60		<0.42	<0.55	<0.69	<5.0	<0.52	<0.79	<0.74	<0.41	<0.45	<0.89	<0.86	<0.37	<0.87	<0.38	BDL
TRIP BLANK	7/18/2017 8:00	ug/L	<5.1	<0.22	<1.0	<0.30	<0.21	<0.31		<0.27	<0.31	<0.28	<0.80	<1.2	<0.16	<0.19	<0.29	<0.15	<0.24	<0.36	<0.32	<0.15	<0.30	BDL
TRIP BLANK	10/11/2017 0:00	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
TRIP BLANK	1/31/2018 15:25	ug/L	< 100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 1.7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BDL
TRIP BLANK	04/30/2018 08:00	ug/L	<100	<5.0	<0.41	<5.0	<5.0	<0.27		<5.0	<5.0	<5.0	<5.0	<0.59	<1.1	<1.0	<5.0	<5.0	<0.84	<5.0	<5.0	<5.0	<2.0	BDL
TRIP BLANK	07/25/2018 08:00	ug/L	<1.3	<0.35	<0.48	<0.83	<0.29	<0.77		<0.48	<0.76	<1.1	<5.0	<1.3	<4.0	<0.27	<0.93	<0.55	<0.31	<0.36	<0.64	<0.42	<0.97	BDL
TRIP BLANK	10/18/2018 08:00	ug/L	<9.3	<0.50	<0.20	<0.24	<0.13	<0.16		<0.14	<0.15	<0.31	<1.6	**8.5 J**	**0.48 J**	<1.0	<0.27	<1.0	<0.27	**0.27 J**	<0.17	<0.50	<0.22	BDL
TRIP BLANK	1/24/2019 8:00	ug/L	<3.4		<0.41	<0.16	<5.0	<0.27		<0.15	<0.18		<5.0			<0.56	<0.17	<5.0			<0.16	<0.15	<0.18	BDL
TRIP BLANK	04/23/2019 08:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
TRIP BLANK	07/25/2019 08:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
TB-1	10/29/2019 08:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
TB-1	02/12/2020 08:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
TB-1	05/01/2020 08:15	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
TB-1	10/13/2022 08:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
TB-1	06/07/2023 08:00	ug/L	<20.0	<1.0	<1.0	<2.0	<1.0	<1.0		<5.0	<5.0	<1.0	<5.0			<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	BDL
TB-1	08/24/2023 08:00	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
TB-1	11/20/2023 8:00	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
TB-1	02/29/2024 08:00	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	
TB-1	05/16/2024 08:00	ug/L							<2.0	<5.0	<5.0						<2.0				<2.0		<1.0	

Table 5
Groundwater VOC Analytical Results - Historical

Sample ID	Collected Date	Units	Acetone	n-Butylbenzene	Chloroform	Chloromethane	1,4-Dichlorobenzene	1,1-Dichloroethene	1 ,2-Dichloroethene (Total)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Hexachloro-1,3-butadiene	Methylene Chloride	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tetrachloroethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	Vinyl chloride	Other VOCs
	CAS Number		67-64-1	104-51-8	67-66-3	74-87-3	106-46-7	75-35-4		156-59-2	156-60-5	87-68-3	75-09-2	90-12-0	91-57-6	91-20-3	127-18-4	108-88-3	87-61-6	120-82-1	79-01-6	95-63-6	75-01-4	Varies
R2 Residential Groundwater Human Health Level*			20000	1000	80	200	75	7		70	100	1	5	10	40	1	5	1000	7	70	5	60	2	Varies
Field Duplicate RPD (MW-1 & Dup)**	2/22/2016 11:44	%	0.0%	0.0%	0.0%	0.0%	0.0%	**9.8%**		**5.5%**	0.0%	0.0%	0.0%	---	---	0.0%	**3.0%**	**7.6%**	0.0%	0.0%	**7.9%**	0.0%	**1.2%**	--
	4/29/2016 12:48	%	0.0%	0.0%	0.0%	**37.0%**	0.0%	0.0%		**2.0%**	**5.1%**	0.0%	**158.2%**	---	---	0.0%	**2.3%**	0.0%	0.0%	0.0%	**0.7%**	0.0%	**3.2%**	--
	7/28/2016 14:59	%	0.0%	0.0%	0.0%	0.0%	0.0%	**187.6%**		**97.2%**	**95.2%**	0.0%	0.0%	---	---	0.0%	**132.5%**	0.0%	0.0%	0.0%	**125.7%**	0.0%	**138.0%**	--
	11/18/2016 17:15	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		**1.5%**	**2.2%**	0.0%	0.0%	0.0%	0.0%	0.0%	**1.1%**	0.0%	0.0%	0.0%	**0.8%**	0.0%	**2.1%**	--
	1/24/2017 15:00	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		**0.6%**	**4.5%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.6%**	0.0%	0.0%	0.0%	**4.5%**	0.0%	**4.0%**	--
	4/25/2017 15:10	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		**2.8%**	**15.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**1.4%**	0.0%	0.0%	0.0%	**3.2%**	0.0%	0.0%	--
	7/18/2017 14:24	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		**75.3%**	0.0%	0.0%	**51.7%**	0.0%	0.0%	0.0%	**58.6%**	0.0%	0.0%	0.0%	**62.7%**	0.0%	**2.2%**	--
	10/11/2017 16:50	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		2.1%	**19.1%**	0.0%	0.0%	0.0%	0.0%	0.0%	**11.5%**	0.0%	0.0%	0.0%	**4.2%**	0.0%	**11.2%**	--
	1/31/2018 16:44	%	0.0%		0.0%	0.0%	0.0%	0.0%		**1.6%**	**6.3%**	0.0%	0.0%	0.0%	0.0%	0.0%	**1.8%**	0.0%	0.0%	0.0%	**3.4%**	0.0%	**1.3%**	--
	04/30/2018 14:17	%	0.0%		0.0%	0.0%	0.0%	0.0%		**5.7%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**12.6%**	0.0%	0.0%	0.0%	**9.1%**	0.0%	**18.2%**	--
	7/25/2018 13:51	%	0.0%		0.0%	0.0%	0.0%	0.0%		**7.3%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**12.4%**	0.0%	0.0%	0.0%	**10.1%**	0.0%	**8.5%**	--
	10/18/2018 08:00	%	0.0%	0.0%	0.0%	0.0%	0.0%	**14.3%**		**7.9%**	**3.6%**	0.0%	0.0%	0.0%	27.5%	0.0%	**6.2%**	0.0%	0.0%	0.0%	**8.9%**	0.0%	**6.9%**	--
	1/24/2019 14:52	%	0.0%		0.0%	0.0%	0.0%	0.0%		**1.4%**	**15.4%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.3%**	0.0%	0.0%	0.0%	**2.5%**	0.0%	0.0%	--
	04/23/2019 15:35	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		**0.1%**	0.0%	0.0%	0.0%	---	---	0.0%	**3.6%**	0.0%	0.0%	0.0%	**2.6%**	0.0%	0.0%	--
	07/25/2019 15:00	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		**1.7%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**3.7%**	0.0%	0.0%	0.0%	**1.7%**	0.0%	**2.6%**	--
	10/29/2019 13:34	%	0.0%	0.0%	0.0%	0.0%	0.0%	**16.7%**		**8.3%**	**2.7%**	0.0%	0.0%			0.0%	**24.6%**	0.0%	0.0%	0.0%	**1.6%**	0.0%	**9.0%**	--
	02/12/2020 16:10	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		**3.3%**	0.0%	0.0%	0.0%			0.0%	**10.1%**	0.0%	0.0%	0.0%	**38.6%**	0.0%	**190.2%**	--
	05/01/2020 13:30	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		**8.3%**	0.0%	0.0%	0.0%			0.0%	**4.5%**	0.0%	0.0%	0.0%	**1.2%**	0.0%	**12.5%**	--
	06/08/2023 14:23	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%			0.0%	**0.7%**	0.0%	0.0%	0.0%	**0.5%**	0.0%	0.0%	--
Field Duplicate RPD (MW-4 & Dup)**	08/24/2023 15:46	%							0.0%	0.0%	0.0%						**2.4%**				**2.8%**		0.0%	--
	11/20/2023 13:51	%							**0.0%**	0.0%	0.0%						**4.9%**				**0.0%**		0.0%	--
	03/01/2024 14:10	%							0.0%	0.0%	0.0%						**6.7%**				**7.1%**		0.0%	--

Notes:

Samples analyzed using EPA SW-846 Method 5030B/8260

ug/L = micrograms per liter

VOCs = Volatile Organic Compounds

BDL = Below Detection Limits

[1] Risk-based Closure Guide, Risk Screeening Table, Table 1: Human Health Level Summary Table - 2024

** RPD = relative percent difference =ABS((X-Y)/((X+Y)/2)) --- if both values are below Reporting Limit, then the RPD is considered 0%

Table 6
Air VOC Analytical Results - Historical

Sample ID	Location	Collected Date	Units	Acetone	Benzene	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	Ethyl acetate	n-Heptane	Naphthalene	1,1,2,2-Tetrachloroethane	**Tetrachloroethene (PCE)**	Toluene	**Trichloroethene (TCE)**	**Vinyl chloride**
			CAS Number	67-64-1	71-43-2	67-66-3	74-87-3	110-82-7	75-34-3	107-06-2	75-35-4	156-59-2	156-60-5	78-87-5	141-78-6	142-82-5	91-20-3	79-34-5	127-18-4	108-88-3	79-01-6	75-01-4
R2 Residential Vapor Exposure Level			ug/m3	30000	4	1	90	6000	20	1	200	---	40	4	70	400	---	0.5	40	5000	2	2
R2 Commercial/Industrial Vapor Exposure Level			ug/m3	100000	20	5	400	30000	80	5	900	---	200	20	300	2000	---	2	200	20000	9	30
IA-1	113 Main - 1st Fl. - Edward Jones	3/24/2016 10:49	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	**1.4**	--	<0.82	<0.39
IA-1	113 Main - 1st Fl. - Edward Jones	7/29/2016 9:44	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**1.1**	--	<0.89	<0.42
IA-2	113 Main - 2nd Fl. - Apt. 1	3/24/2016 11:04	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	<1.0	--	<0.82	<0.39
IA-2	113 Main - 2nd Fl. - Apt. 1	7/29/2016 9:03	ug/m3	--	--	--	--	--	--	--	--	<1.4	--	--	--	--	--	--	<1.2	--	<0.96	<0.46
IA-3	119 Main - 3rd Fl. - Apt. 15	3/24/2016 11:06	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.89	<0.42
IA-3	119 Main - 3rd Fl. - Apt. 15	7/29/2016 9:02	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.89	<0.42
IA-4	117 S. Washington - Everything Computer	3/24/2016 11:51	ug/m3	--	--	--	--	--	--	--	--	<1.9	--	--	--	--	--	--	<1.6	--	<1.3	<0.62
IA-4	117 S. Washington - Everything Computer	7/29/2016 9:32	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**2.5**	--	<0.89	<0.42
IA-5	119 S. Washington - 2nd Floor Hallway	3/24/2016 11:46	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.85	<0.40
IA-5	119 S. Washington - 2nd Floor Hallway	7/29/2016 9:33	ug/m3	--	--	--	--	--	--	--	--	<1.4	--	--	--	--	--	--	<1.2	--	<0.92	<0.44
IA-6	102 S. Union - Basement	3/29/2016 9:27	ug/m3	--	--	--	--	--	--	--	--	<1.1	--	--	--	--	--	--	**1.3**	--	<0.74	<0.35
IA-6	102 S. Union - Basement	7/29/2016 8:54	ug/m3	--	--	--	--	--	--	--	--	<2.2	--	--	--	--	--	--	<1.9	--	<1.5	<0.70
IA-7	100 S. Union - 1st Floor	3/29/2016 9:30	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.85	<0.40
IA-7	100 S. Union - 1st Floor	7/29/2016 8:53	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**2.2**	--	<0.85	<0.40
IA-8	119 E Main - Basement	3/29/2016 9:34	ug/m3	--	--	--	--	--	--	--	--	**41.5**	--	--	--	--	--	--	**16.4**	--	**7.3**	<0.40
IA-8	119 E Main - Basement	7/29/2016 9:12	ug/m3	--	--	--	--	--	--	--	--	**59.2**	--	--	--	--	--	--	**144**	--	**18.8**	<0.42
IA-8 DUP	119 E Main - Basement	7/29/2016 9:12	ug/m3	--	--	--	--	--	--	--	--	**59.3**	--	--	--	--	--	--	**145**	--	**19.6**	<0.42
IA-8	119 E Main - Basement	3/3/2017 13:50	ug/m3	--	--	--	--	--	--	--	--	<4.6	--	--	--	--	--	--	<7.9	--	<6.3	<3.0
IA-8 (DUP)	119 E Main - Basement	3/3/2017 13:50	ug/m3	--	--	--	--	--	--	--	--	<4.7	--	--	--	--	--	--	<8.1	--	<6.4	<3.0
IA-8	119 E Main - Basement	8/30/2017 13:31	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	**2.6**	--	<0.79	<0.75
IA-8 (DUP)	119 E Main - Basement	8/30/2017 13:31	ug/m3	--	--	--	--	--	--	--	--	**1.2**	--	--	--	--	--	--	**5.1**	--	<0.79	<0.75
IA-8	119 E Main - Basement	6/22/2023 10:19	ug/m3	--	--	--	--	--	<0.13	--	--	<0.18	<0.28	--	--	--	--	--	**0.41 J**	--	**1.2 J**	<0.15
IA-8	119 E Main - Basement	3/1/2024 11:26	ug/m3	--	--	--	--	--	< 0.13	< 0.1	< 0.13	< 0.18	< 0.28	--	--	--	--	--	**0.54**	--	< 0.17	< 0.15
IA-9	119 E Main - Kitchen	3/29/2016 9:37	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	**1.1**	--	<0.82	<0.39
IA-9	119 E Main - Kitchen	7/29/2016 9:15	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**3.2**	--	<0.79	<0.75
IA-9	119 E Main - Kitchen	3/3/2017 13:53	ug/m3	--	--	--	--	--	--	--	--	<1.6	--	--	--	--	--	--	<2.8	--	**3.1**	<1.1
IA-9	119 E Main - Kitchen	8/30/2017 13:33	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	<1.0	--	<0.82	<0.77
IA-9	119 E Main - Kitchen	6/22/2023 10:24	ug/m3	--	--	--	--	--	<0.13	--	--	<0.18	**0.36 J**	--	--	--	--	--	**0.54 J**	--	**1.6**	<0.15
IA-9	119 E Main - Kitchen	3/1/2024 11:35	ug/m3	--	--	--	--	--	< 0.13	< 0.1	< 0.13	< 0.18	< 0.28	--	--	--	--	--	< 0.3	--	< 0.17	< 0.15
IA-10	117 E Main - Dining	3/29/2016 9:40	ug/m3	--	--	--	--	--	--	--	--	<1.1	--	--	--	--	--	--	**1.2**	--	<0.74	<0.35
IA-10	117 E Main - Dining	7/29/2016 9:10	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**3.9**	--	**14.1**	<0.42
IA-10	117 E Main - Dining	3/3/2017 13:52	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<2.3	--	**2.1**	<0.87
IA-10	117 E Main - Dining	8/30/2017 13:34	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	<0.99	--	**1.4**	<0.75
IA-10	117 E Main - Dining	6/22/2023 10:23	ug/m3	--	--	--	--	--	<0.13	--	--	<0.18	<0.28	--	--	--	--	--	**0.54 J**	--	**1.1 J**	<0.15
IA-10	117 E Main - Dining	3/1/2024 11:33	ug/m3	--	--	--	--	--	< 0.13	< 0.1	< 0.13	< 0.18	< 0.28	--	--	--	--	--	< 0.3	--	< 0.17	< 0.15
IA-11	113 S. Washington - Rear - 2nd Fl. Landing	3/29/2016 10:10	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	<0.99	--	<0.79	<0.37
IA-12	113 S. Washington - Rear - Basement	3/29/2016 10:13	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	**1.1**	--	<0.79	<0.37
IA-12	113 S. Washington - Rear - Basement	7/29/2016 8:57	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.89	<0.42
IA-13	113 S. Washington - 2nd Fl. Hallway	3/29/2016 10:18	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.85	<0.40
IA-13	113 S. Washington - 2nd Fl. Hallway	7/29/2016 8:58	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.85	<0.40

Table 6
Air VOC Analytical Results - Historical

Sample ID	Location	Collected Date	Units	Acetone	Benzene	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	Ethyl acetate	n-Heptane	Naphthalene	1,1,2,2-Tetrachloroethane	**Tetrachloroethene (PCE)**	Toluene	**Trichloroethene (TCE)**	**Vinyl chloride**
			CAS Number	67-64-1	71-43-2	67-66-3	74-87-3	110-82-7	75-34-3	107-06-2	75-35-4	156-59-2	156-60-5	78-87-5	141-78-6	142-82-5	91-20-3	79-34-5	127-18-4	108-88-3	79-01-6	75-01-4
R2 Residential Vapor Exposure Level			ug/m3	30000	4	1	90	6000	20	1	200	---	40	4	70	400	---	0.5	40	5000	2	2
R2 Commercial/Industrial Vapor Exposure Level			ug/m3	100000	20	5	400	30000	80	5	900	---	200	20	300	2000	---	2	200	20000	9	30
IA-14	109 E. Main - Basement	3/29/2016 11:05	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.85	<0.40
IA-14	109 E. Main - Basement	7/29/2016 9:38	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.89	<0.42
IA-15	111 E. Main - Basement	3/29/2016 11:09	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**1.7**	--	<0.85	<0.40
IA-15	111 E. Main - Basement	7/29/2016 9:20	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**1.2**	--	<0.89	<0.42
IA-16	111 E. Main - 1st Fl. - Office	3/29/2016 11:14	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	**1.5**	--	<0.82	<0.39
IA-16	111 E. Main - 1st Fl. - Office	7/29/2016 9:19	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	**1.3**	<0.42
IA-17	109 E. Main - 2nd Fl. - Office	3/29/2016 11:18	ug/m3	--	--	--	--	--	--	--	--	<1.2	--	--	--	--	--	--	**1.1**	--	<0.82	<0.39
IA-17	109 E. Main - 2nd Fl. - Office	7/29/2016 9:21	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.89	<0.42
IA-18	111 E. Main - 2nd/3rd Fl. - Landing	3/29/2016 11:24	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**1.4**	--	<0.85	<0.40
IA-18	111 E. Main - 2nd/3rd Fl. - Landing	7/29/2016 9:22	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**15.6**	--	<0.89	<0.42
IA-19 (Backgrd)	Main Street (109)	3/29/2016 12:19	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	**1.2**	--	<0.89	<0.42
IA-19	Main Street (109)	7/29/2016 9:36	ug/m3	--	--	--	--	--	--	--	--	<8.3	--	--	--	--	--	--	<7.0	--	<5.6	<2.7
IA-20 (Backgrd)	Washington Street (103)	3/29/2016 12:29	ug/m3	--	--	--	--	--	--	--	--	<1.3	--	--	--	--	--	--	<1.1	--	<0.89	<0.42
IA-20	Washington Street (103)	7/29/2016 9:30	ug/m3	--	--	--	--	--	--	--	--	<1.4	--	--	--	--	--	--	<1.2	--	<0.92	<0.44
IA-21	117 E Main - Crawl Space	3/3/2017 13:55	ug/m3	--	--	--	--	--	--	--	--	<1.6	--	--	--	--	--	--	**4.1**	--	**3.0**	<1.0
IA-21	117 E Main - Crawl Space	8/30/2017 13:32	ug/m3	--	--	--	--	--	--	--	--	**1.2**	--	--	--	--	--	--	**4.9**	--	<0.79	<0.75
IA-21	117 E Main - Crawl Space	6/22/2023 10:20	ug/m3	--	--	--	--	--	<0.13	--	--	<0.18	<0.28	--	--	--	--	--	**0.47 J**	--	**1.0 J**	<0.15
IA-21	117 E Main - Crawl Space	3/1/2024 11:30	ug/m3	--	--	--	--	--	< 0.13	< 0.1	< 0.13	< 0.18	< 0.28	--	--	--	--	--	< 0.3	--	< 0.17	< 0.15
IA-22	123 Main - Frontier - South	8/30/2017 14:03	ug/m3	**34.5**	<0.48	<0.74	<0.63	<1.0	<1.2	<0.61	<1.2	<1.2	<1.2	--	--	<1.2	--	<1.0	<1.0	**7.1**	<0.82	<0.77
IA-22	123 Main - Frontier - South	1/23/2018 13:37	ug/m3	**17.7**	**0.60**	<0.75	<0.64	<1.1	<1.3	<0.62	<1.2	<1.2	<1.2	--	--	<1.3	--	<1.1	<1.0	**2.2**	<0.83	<0.40
IA-23	123 Main - Frontier - North	8/30/2017 14:02	ug/m3	**34.0**	<0.47	<0.71	**0.77**	<1.0	<1.2	<0.59	<1.2	<1.2	<1.2	--	--	**1.5**	--	<1.0	<0.99	**14**	<0.79	<0.75
IA-23	123 Main - Frontier - North	1/23/2018 13:27	ug/m3	**65.3**	**0.74**	<0.77	<0.65	<1.1	<1.3	<0.64	<1.2	<1.2	<1.2	--	--	<1.3	--	<1.1	<1.1	**3.3**	<0.85	<0.40
IA-24	111 Wash. - W. Basement	1/23/2018 12:12	ug/m3	**27**	< 0.8	< 0.61	**0.95**	< 0.86	<1.0	< 0.51	< 0.99	< 0.99	< 0.99	--	--	<1.0	--	< 1.7	< 1.7	**21**	< 1.3	< 0.64
IA-24	111 Wash. - W. Basement	8/28/2018 11:41	ug/m3	**34**	< 1.6	< 2.4	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	< 3.4	**3.8**	< 2.7	< 1.3
IA-25	111 Wash. - E. Basement	1/23/2018 12:11	ug/m3	**24**	< 0.8	< 0.61	**0.93**	< 0.86	<1.0	< 0.51	< 0.99	< 0.99	< 0.99	--	--	<1.0	--	< 1.7	< 1.7	**22**	< 1.3	< 0.64
IA-25	111 Wash. - E. Basement	8/28/2018 11:19	ug/m3	**33**	< 1.6	< 2.4	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	< 3.4	**3.4**	< 2.7	< 1.3
IA-26	111 Wash. - W. 1st Floor	1/23/2018 12:07	ug/m3	**23**	< 0.8	< 0.61	**1.1**	< 0.86	<1.0	< 0.51	< 0.99	< 0.99	< 0.99	--	--	<1.0	--	< 1.7	< 1.7	**21**	< 1.3	< 0.64
IA-26	111 Wash. - W. 1st Floor	8/28/2018 11:17	ug/m3	**48**	< 1.6	< 2.4	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	< 3.4	**6.2**	< 2.7	< 1.3
IA-27	111 Wash. - E. 1st Floor	1/23/2018 12:09	ug/m3	**21**	< 0.8	< 0.61	**1.0**	< 0.86	<1.0	< 0.51	< 0.99	< 0.99	< 0.99	--	--	<1.0	--	< 1.7	< 1.7	**31**	< 1.3	< 0.64
IA-27	111 Wash. - E. 1st Floor	8/28/2018 11:23	ug/m3	**28**	< 1.6	< 2.4	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	< 3.4	**2.2**	< 2.7	< 1.3
IA-28	111 S. Wash. - 2nd Floor E.	8/28/2018 11:28	ug/m3	**47**	< 1.6	< 2.4	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	< 3.4	**5.3**	< 2.7	< 1.3
IA-29	111 S. Wash. - 2nd Floor W.	8/28/2018 11:29	ug/m3	**46**	< 1.6	< 2.4	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	< 3.4	**5.0**	< 2.7	< 1.3
IA-30	111 S. Wash. - 3rd Floor E.	8/28/2018 11:30	ug/m3	**36**	< 1.6	< 2.4	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	< 3.4	**6.9**	< 2.7	< 1.3
IA-31	111 S. Wash. - 3rd Floor W.	8/28/2018 11:31	ug/m3	**51**	< 1.6	< 2.4	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	< 3.4	**6.5**	< 2.7	< 1.3
IA-32	111 S. Wash. - 4th Floor	8/28/2018 11:32	ug/m3	**32**	< 1.6	< 2.4	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	< 3.4	**5.1**	< 2.7	< 1.3
IA-33	103 S. Wash. - 1st Floor East	2/6/2019 11:40	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	< 1.025	< 1.311	< 1.716	< 1.696	< 0.942	< 1.343	< 0.639
IA-33	103 S. Wash. - 1st Floor East	9/10/2019 14:01	ug/m3	**124**	**0.59**	<0.80	**1.5**	<2.8	<1.3	<0.66	<1.3	<1.3	<1.3	< 1.5	<1.2	**2.2**	<4.3	**1.5**	**1.5**	**18.4**	<0.88	<0.42
IA-34	103 S. Wash. - 1st Floor Central	2/6/2019 11:38	ug/m3	< 59.387	**5.1**	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**10.6**	< 1.311	< 1.716	**156.4**	**9.0**	< 1.343	< 0.639
IA-34	103 S. Wash. - 1st Floor Central	9/10/2019 14:00	ug/m3	**258**	**0.65**	<0.78	<0.66	<2.8	<1.3	<0.65	<1.3	<1.3	<1.3	< 1.5	**2.9**	**4.4**	<4.2	<1.1	**4.5**	**41.5**	<0.86	<0.41
IA-35	103 S. Wash. - Basement	2/6/2019 11:33	ug/m3	< 59.387	**3.4**	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**82.7**	< 1.311	< 1.716	**90.5**	**8.8**	< 1.343	< 0.639
IA-35	103 S. Wash. - Basement	9/10/2019 13:38	ug/m3	**300**	**0.52**	<0.78	<0.66	<2.8	<1.3	**1.5**	<1.3	<1.3	<1.3	< 1.5	**1.3**	**2.3**	<4.2	<1.1	**1.2**	**12.1**	<0.86	<0.41

Table 6
Air VOC Analytical Results - Historical

Sample ID	Location	Collected Date	Units	Acetone	Benzene	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	Ethyl acetate	n-Heptane	Naphthalene	1,1,2,2-Tetrachloroethane	**Tetrachloroethene (PCE)**	Toluene	**Trichloroethene (TCE)**	**Vinyl chloride**
			CAS Number	67-64-1	71-43-2	67-66-3	74-87-3	110-82-7	75-34-3	107-06-2	75-35-4	156-59-2	156-60-5	78-87-5	141-78-6	142-82-5	91-20-3	79-34-5	127-18-4	108-88-3	79-01-6	75-01-4
R2 Residential Vapor Exposure Level			ug/m3	30000	4	1	90	6000	20	1	200	---	40	4	70	400	---	0.5	40	5000	2	2
R2 Commercial/Industrial Vapor Exposure Level			ug/m3	100000	20	5	400	30000	80	5	900	---	200	20	300	2000	---	2	200	20000	9	30
IA-36	103 S. Wash. - 1st Floor West	2/6/2019 11:31	ug/m3	< 59.387	**2.8**	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**85.7**	< 1.311	< 1.716	**70.7**	**17.2**	< 1.343	< 0.639
IA-36	103 S. Wash. - 1st Floor West	9/10/2019 13:36	ug/m3	**294**	**0.57**	<0.80	<0.68	<2.8	<1.3	**1.3**	<1.3	<1.3	<1.3	< 1.5	**1.9**	**4.1**	<4.3	<1.1	**1.7**	**15.9**	<0.88	<0.42
IA-37	105 S. Wash. - Martha Basement	2/6/2019 11:48	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**69.0**	< 1.311	< 1.716	**37.6**	**6.0**	< 1.343	< 0.639
IA-37	105 S. Wash. - Martha Basement	9/10/2019 13:30	ug/m3	**77.0**	<0.51	<0.78	**1.0**	<2.8	<1.3	<0.65	<1.3	<1.3	<1.3	< 1.5	<1.2	<1.3	<4.2	<1.1	<1.1	**4.0**	<0.86	<0.41
IA-38	107 S. Wash. - Gallery Basement	2/6/2019 11:56	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**24.8**	< 1.311	< 1.716	**13.2**	**3.7**	< 1.343	< 0.639
IA-38	107 S. Wash. - Gallery Basement	9/10/2019 12:39	ug/m3	**88.2**	<0.55	<0.83	**1.0**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	< 1.6	**1.6**	<1.4	<4.2	<1.2	<1.2	**5.1**	<0.92	<0.44
IA-39	109 S. Wash. - Opera Crawl	2/6/2019 12:02	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	< 1.025	< 1.311	< 1.716	< 1.696	< 0.942	< 1.343	< 0.639
IA-39	109 S. Wash. - Opera Crawl	9/10/2019 12:46	ug/m3	**53.8**	<0.55	<0.83	**0.84**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	< 1.6	<1.2	<1.4	<4.5	<1.2	<1.2	**3.4**	<0.92	<0.44
IA-40	116 E. Franklin - South	2/6/2019 11:07	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	**6.0**	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	**14.0**	**150**	**3.9**	**5.3**	< 1.716	< 1.696	**164**	**3.0**	< 0.639
IA-40	116 E. Franklin - South	9/10/2019 14:10	ug/m3	**165**	**0.72**	<0.72	<0.61	**16.1**	<1.2	<0.60	<1.2	<1.2	<1.2	< 1.4	**172**	**7.7**	**6.0**	<1.0	**2.4**	**188**	**1.9**	<0.38
IA-40 (DUP)	116 E. Franklin - South	9/10/2019 14:10	ug/m3	**174**	**0.73**	<0.75	<0.64	**16.6**	<1.3	**0.77**	<1.2	<1.2	<1.2	< 1.4	**184**	**7.9**	**6.0**	<1.1	**2.3**	**202**	**1.8**	<0.40
IA-41	116 E. Franklin - North	2/6/2019 11:14	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	**6.7**	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	**8.2**	**142**	**2.8**	**5.0**	< 1.716	< 1.696	**115**	< 1.343	< 0.639
IA-41	116 E. Franklin - North	9/10/2019 14:10	ug/m3	**179**	**0.77**	<0.77	<0.65	**14.8**	<1.3	**0.71**	<1.2	<1.2	<1.2	< 1.5	**166**	**5.8**	<4.1	<1.1	**1.7**	**114**	**1.2**	<0.40
IA-42	105 S. Wash. - Martha 1st Floor	2/6/2019 11:45	ug/m3	< 59.387	**1.6**	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**37.2**	< 1.311	< 1.716	**15.9**	**4.2**	< 1.343	< 0.639
IA-42	105 S. Wash. - Martha 1st Floor	9/10/2019 12:32	ug/m3	**87.3**	**0.67**	<0.80	**1.3**	<2.8	<1.3	**1.1**	<1.3	<1.3	<1.3	< 1.5	**7.2**	**2.1**	<4.3	<1.1	<1.1	**79.4**	**4.3**	<0.42
IA-43	107 S. Wash. - Gallery 1st Floor	2/6/2019 11:54	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**18.9**	< 1.311	< 1.716	**9.4**	**3.4**	< 1.343	< 0.639
IA-43	107 S. Wash. - Gallery 1st Floor	9/10/2019 12:31	ug/m3	**72.9**	<0.57	<0.87	**1.0**	<3.1	<1.4	<0.72	<1.4	<1.4	<1.4	<1.6	<1.3	<1.5	<4.7	<1.2	<1.2	**5.6**	<0.96	<0.46
IA-44	109 S. 1st Fl. - Opera House - West	2/6/2019 12:21	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**10.6**	< 1.311	< 1.716	**4.3**	< 0.942	< 1.343	< 0.639
IA-44	109 S. 1st Fl. - Opera House - West	9/10/2019 13:27	ug/m3	**68.6**	**0.56**	<0.85	**1.0**	<3.0	<1.4	<0.70	<1.4	<1.4	<1.4	< 1.6	**1.6**	<1.4	<4.5	<1.2	<1.2	**4.4**	<0.93	<0.44
IA-45	Opera House - 1st Fl. - East	2/6/2019 12:20	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**14.6**	< 1.311	< 1.716	**5.6**	**3.0**	< 1.343	< 0.639
IA-45	Opera House - 1st Fl. - East	9/10/2019 13:23	ug/m3	**80.0**	<0.55	<0.83	**1.2**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	< 1.6	**1.8**	<1.4	<4.5	<1.2	<1.2	**4.5**	<0.92	<0.44
IA-46	Opera House - 2nd Fl. - Multipurpose	2/6/2019 12:15	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**11.3**	< 1.311	< 1.716	**4.7**	**3.2**	< 1.343	< 0.639
IA-46	Opera House - 2nd Fl. - Multipurpose	9/10/2019 12:55	ug/m3	**79.1**	<0.56	<0.85	**1.0**	<3.0	<1.4	<0.70	<1.4	<1.4	<1.4	< 1.6	**1.4**	<1.4	<4.5	<1.2	<1.2	**4.6**	<0.93	<0.44
IA-47	Opera House - 2nd Fl. - West Office	2/6/2019 12:17	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**12.7**	< 1.311	< 1.716	**54.1**	< 0.942	**67.2**	< 0.639
IA-47	Opera House - 2nd Fl. - West Office	9/10/2019 12:58	ug/m3	**78.2**	<0.55	<0.83	**1.1**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	< 1.6	<1.2	<1.4	<4.5	<1.2	<1.2	**4.2**	<0.92	<0.44
IA-47 (DUP)	Opera House - 2nd Fl. - West Office	9/10/2019 12:58	ug/m3	**70.3**	<0.55	<0.83	**1.0**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	< 1.6	<1.2	<1.4	<4.5	<1.2	<1.2	**4.0**	<0.92	<0.44
IA-48	Opera House - 2nd Fl. - Central	2/6/2019 12:16	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**10.6**	< 1.311	< 1.716	< 1.696	**2.7**	**5.8**	< 0.639
IA-48	Opera House - 2nd Fl. - Central	9/10/2019 12:56	ug/m3	**77.2**	**0.62**	<0.83	**1.2**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	< 1.6	<1.2	<1.4	<4.5	<1.2	<1.2	**5.8**	<0.92	<0.44
IA-49	Opera House - 3rd Fl. - Central	2/6/2019 12:12	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**11.7**	< 1.311	< 1.716	< 1.696	**2.6**	< 1.343	< 0.639
IA-49	Opera House - 3rd Fl. - Central	9/10/2019 12:53	ug/m3	**72.0**	<0.56	<0.85	**1.0**	<3.0	<1.4	<0.70	<1.4	<1.4	<1.4	< 1.6	<1.3	<1.4	<4.5	<1.2	<1.2	**4.0**	<0.93	<0.44
IA-50	Opera House - 3rd Fl. - East	2/6/2019 12:13	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	**11.4**	< 1.311	< 1.716	< 1.696	< 0.942	< 1.343	< 0.639
IA-50	Opera House - 3rd Fl. - East	9/10/2019 12:54	ug/m3	**67.2**	<0.55	<0.83	**0.98**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	<1.6	<1.2	<1.4	<4.5	<1.2	<1.2	**4.3**	<0.92	<0.44
IA-51	101 S.Wash. - Basement - Graphix	9/10/2019 12:00	ug/m3	**521**	<0.66	<1.0	<0.85	<3.6	<1.7	**3.0**	<1.6	<1.6	<1.6	<1.9	<1.5	<1.7	<5.4	<1.4	<1.4	**12.8**	<1.1	<0.53
IA-51	101 S.Wash. - Basement - Graphix	2/13/2020 10:44	ug/m3	**1,400**	**1.1**	<0.71	**0.71**	<2.5	<1.2	<0.59	<1.2	<1.2	<1.2	<1.4	<1.1	**331**	<3.8	<1.0	<0.99	**9.6**	<0.79	<0.37
IA-52	101 S.Wash. - PSSI - 1st Fl.-Central	9/10/2019 12:25	ug/m3	**209**	<0.50	<0.77	<0.65	<2.7	<1.3	**1.4**	<1.2	<1.2	<1.2	<1.5	<1.1	**2.7**	<4.1	<1.1	**2.1**	**8.4**	<0.85	<0.40
IA-52	101 S.Wash. - PSSI - 1st Fl.-Central	2/13/2020 10:27	ug/m3	**31.3**	**2.9**	<0.69	**0.68**	**7.8**	<1.1	<0.57	<1.1	<1.1	<1.1	<1.3	**18.9**	**4.2**	<3.7	<0.97	**1.4**	**15.1**	**2.4**	<0.36
IA-53	101 S.Wash. - PSSI - 1st Fl. -Rear	9/10/2019 12:16	ug/m3	**74.8**	<0.50	<0.77	**1.2**	<2.7	<1.3	<0.64	<1.2	<1.2	<1.2	<1.5	<1.1	<1.3	<4.1	<1.1	<1.1	**4.4**	<0.85	<0.40
IA-53	101 S.Wash. - PSSI - 1st Fl. -Rear	2/13/2020 10:23	ug/m3	<8.4	**3.3**	<0.69	**0.62**	<2.4	<1.1	<0.57	<1.1	<1.1	<1.1	<1.3	**1.3**	<1.2	<3.7	<0.97	<0.96	**1.6**	**1.2**	<0.36
IA-54	101 S.Wash. - Graphix - 1st Fl.-Front	9/10/2019 11:57	ug/m3	**453**	<0.57	<0.87	<0.74	<3.1	<1.4	**3.4**	<1.4	<1.4	<1.4	<1.6	<1.3	**3.0**	<4.7	<1.2	**1.9**	**12.1**	<0.96	<0.46
IA-54	101 S.Wash. - Graphix - 1st Fl.-Front	2/13/2020 10:51	ug/m3	**1,770**	**1.1**	<0.71	**0.99**	<2.5	<1.2	<0.59	<1.2	<1.2	<1.2	<1.4	<1.1	**406**	**6.8**	<1.0	**1.1**	**11.4**	<0.79	<0.37
IA-55	101 S.Wash. - 2nd Fl. - Apt 2	9/10/2019 14:28	ug/m3	**279**	**6.5**	**1.1**	**6.8**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	<1.6	<1.2	**3.4**	<4.5	<1.2	<1.2	**16.5**	<0.92	<0.44

Table 6
Air VOC Analytical Results - Historical

Sample ID	Location	Collected Date	Units	Acetone	Benzene	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	Ethyl acetate	n-Heptane	Naphthalene	1,1,2,2-Tetrachloroethane	**Tetrachloroethene (PCE)**	Toluene	**Trichloroethene (TCE)**	**Vinyl chloride**
			CAS Number	67-64-1	71-43-2	67-66-3	74-87-3	110-82-7	75-34-3	107-06-2	75-35-4	156-59-2	156-60-5	78-87-5	141-78-6	142-82-5	91-20-3	79-34-5	127-18-4	108-88-3	79-01-6	75-01-4
R2 Residential Vapor Exposure Level			ug/m3	30000	4	1	90	6000	20	1	200	---	40	4	70	400	---	0.5	40	5000	2	2
R2 Commercial/Industrial Vapor Exposure Level			ug/m3	100000	20	5	400	30000	80	5	900	---	200	20	300	2000	---	2	200	20000	9	30
IA-55	101 S.Wash. - 2nd Fl. - Apt. 2 (Hallway)	2/13/2020 11:00	ug/m3	**322**	**1.3**	<0.74	**1.0**	**16.8**	<1.2	<0.61	<1.2	<1.2	<1.2	<1.4	<1.1	**77.3**	**4.7**	<1.0	<1.0	**3.6**	**3.9**	<0.39
IA-56	101 S.Wash. - 2nd Fl. - Hallway	9/10/2019 14:26	ug/m3	**377**	**0.71**	<0.83	**1.7**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	<1.6	<1.2	**7.0**	<4.5	<1.2	**35.4**	**9.2**	<0.92	<0.44
IA-56	101 S.Wash. - 2nd Fl. - Hallway	2/13/2020 10:59	ug/m3	**424**	**2.0**	<0.74	**1.1**	<2.6	<1.2	<0.61	<1.2	<1.2	<1.2	<1.4	<1.1	**125**	<4.0	<1.0	<1.0	**5.6**	<0.81	<0.39
Upwind	113 Main - Alley	8/30/2017 14:36	ug/m3	**526**	<0.47	<0.71	<0.60	<1.0	<1.2	<0.59	<1.2	<1.2	<1.2	--	--	<1.2	--	<1.0	<0.99	**5.4**	<0.79	<0.75
Downwind	Union Street - Frontier	8/30/2017 14:30	ug/m3	**773**	**0.49**	<0.74	<0.63	<1.0	<1.2	<0.61	<1.2	<1.2	<1.2	--	--	<1.2	--	<1.0	<1.0	**6.5**	<0.82	<0.77
Upwind	Main & Washington Street	1/23/2018 12:26	ug/m3	**90.4**	**0.54**	<0.74	**1.0**	<1.0	<1.2	<0.61	<1.2	<1.2	<1.2	--	--	<1.2	--	<1.0	<1.0	<1.1	<0.81	<0.39
Downwind	Franklin Street	1/23/2018 12:30	ug/m3	**107**	<0.48	<0.74	**1.2**	<1.0	<1.2	<0.61	<1.2	<1.2	<1.2	--	--	<1.2	--	<1.0	<1.0	**1.4**	<0.81	<0.39
Upwind	119 S. Washington Street	8/28/2018 11:52	ug/m3	**9,200**	< 8.0	< 12	< 21	< 8.6	< 10	< 10	< 9.9	< 9.9	< 9.9	--	--	< 10	--	< 17	< 17	< 9.4	< 13	< 6.4
Downwind	100/110 Franklin Street	8/28/2018 11:49	ug/m3	**11,000**	< 8.0	< 12	< 21	< 8.7	< 10	< 10	< 9.9	< 9.9	< 9.9	--	--	< 10	--	< 17	< 17	< 9.4	< 13	< 6.4
Upwind	Washington Street (105)	2/6/2019 11:21	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	< 1.025	< 1.311	< 1.716	< 1.696	< 0.942	< 1.343	< 0.639
Downwind	East of Morrow's Shoes	2/6/2019 11:28	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	< 1.025	< 1.311	< 1.716	< 1.696	< 0.942	< 1.343	< 0.639
Upwind	Washington Street (105)	9/10/2019 14:40	ug/m3	**1,100**	**1.3**	<0.89	**0.78**	<3.1	<1.5	<0.74	<1.4	<1.4	<1.4	<1.7	<1.3	<1.5	<4.8	<1.2	<1.2	**4.2**	<0.98	<0.47
Downwind	East of Morrow's Shoes	9/10/2019 14:31	ug/m3	**1,140**	**1.2**	<0.77	**0.79**	<2.7	<1.3	<0.64	<1.2	<1.2	<1.2	<1.5	<1.1	<1.3	<4.1	<1.1	<1.1	**4.1**	<0.85	<0.40
Upwind	Washington Street (105)	2/13/2020 11:24	ug/m3	<24.6	<1.3	<2.0	<1.7	<7.1	<3.3	<1.7	<3.3	<3.3	<3.3	<3.8	**7.6**	<3.4	<10.8	<2.8	<2.8	**4.7**	<2.2	<1.1
Downwind	East of Morrow's Shoes	2/13/2020 11:26	ug/m3	<8.4	**0.85**	<0.69	**0.94**	<2.4	<1.1	<0.57	<1.1	<1.1	<1.1	<1.3	<1.0	<1.2	<3.7	<0.97	<0.96	**1.6**	<0.76	<0.36
Upwind	Washington Street (105)	10/22/2020 10:41	ug/m3	**566**	**1.5**	<0.83	**1.4**	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	<1.6	<1.2	**3.7**	<4.5	<1.2	<1.2	**2.6**	<0.92	<0.44
Downwind	Union St. (109)	10/22/2020 10:45	ug/m3	**347**	**1.3**	<0.72	**1.5**	<2.6	<1.2	<0.60	<1.2	<1.2	<1.2	<1.4	<1.1	**3.2**	<3.9	<1.0	<1.0	**2.2**	<0.80	<0.38
Upwind	Trash Corral - See Figure 7	3/1/2024 11:44	ug/m3	--	--	--	--	--	< 0.13	< 0.1	< 0.13	< 0.18	< 0.28	--	--	--	--	--	< 0.3	--	< 0.17	< 0.15
Downwind	North of Building - See Figure 7	3/1/2024 11:47	ug/m3	--	--	--	--	--	< 0.13	< 0.1	< 0.13	< 0.18	< 0.27	--	--	--	--	--	**0.54**	--	< 0.17	< 0.15
Trip Blank	--	1/23/2018	ug/m3	<4.8	< 0.8	< 0.61	< 0.52	< 0.86	<1.0	< 0.51	< 0.99	< 0.99	< 0.99	--	--	<1.0	--	< 1.7	< 1.7	< 0.94	< 1.3	< 0.64
Trip Blank	--	8/28/2018	ug/m3	< 9.5	< 3.2	< 4.9	< 8.3	< 3.4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	--	--	< 4.1	--	< 6.9	< 6.8	< 3.8	< 5.4	< 2.6
Trip Blank	--	2/6/2019	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.991	< 0.991	< 1.155	< 0.901	< 1.025	< 1.311	< 1.716	< 1.696	< 0.942	< 1.343	< 0.639
Trip Blank	--	10/22/2020	ug/m3	<6.0	<0.32	<0.50	<0.42	<1.8	<0.82	<0.41	<0.81	<0.81	<0.81	<0.94	<0.73	<0.83	<2.7	<0.70	<0.69	<0.77	<0.55	<0.26

Table 6
Air VOC Analytical Results - Historical

Sample ID	Location	Collected Date	Units	Acetone	Benzene	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	Ethyl acetate	n-Heptane	Naphthalene	1,1,2,2-Tetrachloroethane	**Tetrachloroethene (PCE)**	Toluene	**Trichloroethene (TCE)**	**Vinyl chloride**
			CAS Number	67-64-1	71-43-2	67-66-3	74-87-3	110-82-7	75-34-3	107-06-2	75-35-4	156-59-2	156-60-5	78-87-5	141-78-6	142-82-5	91-20-3	79-34-5	127-18-4	108-88-3	79-01-6	75-01-4
EXTERIOR SOIL GAS SAMPLES																						
R2 Residential Shallow Exterior Soil Gas Screening Level			ug/m3	**300000**	**40**	**10**	**900**	**60000**	**200**	**10**	**2000**	**---**	**400**	**40**	**700**	**4000**	**---**	**5**	**400**	**50000**	**20**	**20**
R2 Commercial/Industrial Shallow Exterior Soil Gas Screening Level			ug/m3	**1000000**	**200**	**50**	**4000**	**300000**	**800**	**50**	**9000**	**---**	**2000**	**200**	**3000**	**20000**	**---**	**20**	**2000**	**200000**	**90**	**300**
SGe-1	Alley - East	12/2/2015 13:00	ug/m3	**29**	**21**	<1.9	**1.7**	**92**	<1.5	<2.9	<1.5	<1.5	<1.5	--	--	**63**	--	<1.3	**23**	**21**	**1.6**	<0.49
SGe-2	Alley - South	12/2/2015 15:15	ug/m3	**17**	<1.5	<2.3	<0.96	<1.6	<1.9	<0.94	<1.9	**3.9**	<1.9	--	--	<1.9	--	<1.6	<1.6	**2.2**	<1.3	<0.60
SGe-3	Alley - West	12/2/2015 14:40	ug/m3	**53**	**13**	<8.4	<3.6	**22**	<7.0	<3.5	<7.0	<6.9	<6.9	--	--	**15**	--	<5.9	**9.5**	**35**	<4.7	<2.2
SGe-4	Alley - North	12/2/2015 13:10	ug/m3	**43**	**14**	<4.2	<1.8	**41**	<3.5	<1.7	<3.4	**2,140**	**218**	--	--	**14**	--	<2.8	**5.9**	**9.8**	**7.1**	**5,060**
SGe-5	Alley - North	2/18/2016 11:45	ug/m3	**35**	**2.3**	<3.3	**1.9**	**2.4**	<2.8	<1.4	<2.7	**8.9**	<2.7	--	--	<2.8	--	<2.3	<2.3	**2,340**	**7.8**	**5.2**
SG-1	East of Opera House - SB-27	10/22/2020 16:30	ug/m3	**2,290**	**1.5**	<1.2	**9.9**	<4.1	<2.0	<0.97	<1.9	**57**	**12**	<2.2	<1.7	**389**	<6.3	<1.7	<1.6	**6.5**	<1.3	**594**
SGe-6	Southwest of Source Area	8/23/2022 14:27	ug/m3	**391**	**21**	**4.1**	**3.7**	**28**	**2.1**	<1.7	**270**	**108000**	**1220**	<2.0	<1.5	**31**	<5.6	<2.9	**2900**	**25**	**3580**	**49200**
SGe-7	West of Source Area	8/23/2022 15:21	ug/m3	**475**	**15**	**32**	<0.88	**26**	<1.7	<1.7	<1.7	**28**	<1.7	<2.0	**6.6**	**31**	<5.6	<2.9	**126**	**29**	**38**	<0.55
SGe-8	Northwest of Source Area	8/23/2022 15:53	ug/m3	**482**	**24**	**4.2**	**3.4**	**105**	<1.8	<1.8	<1.8	**65**	**11**	<2.1	<1.6	**195**	<5.8	<3.1	**11**	**40**	**14**	**126**
SGe-9	Northeast of Source Area	8/23/2022 16:40	ug/m3	**1250**	**17**	<10.9	<9.2	<38.3	<18.0	<18.0	<17.7	<17.7	<17.7	<20.6	<16.1	**53**	<58.3	<30.7	<15.1	**39**	<12.0	<5.7
SGe-10	North of Source Area	8/23/2022 16:51	ug/m3	**360**	**34**	<1.1	**2**	**86**	<1.8	<1.8	<1.8	<1.8	<1.8	<2.1	<1.6	**141**	<5.8	<3.1	**9.7**	**47**	<1.2	<0.57
SGe-11	Northwest of Source Area	8/24/2022 13:09	ug/m3	**152**	**42**	<1.0	**1.8**	**24**	<1.7	<1.7	<1.7	<1.7	<1.7	<2.0	<1.5	**37**	<5.6	<2.9	**4.7**	**25**	<1.1	<0.55
SGe-12	Southwest of Source Area	8/24/2022 13:37	ug/m3	**106**	**25**	<1.2	**12**	**110**	<2.0	<2.0	<1.9	**334**	**18**	<2.3	<1.8	**95**	<6.4	<3.4	**168**	**63**	**59**	**24**
SGe-13	East of Opera House	6/22/2023 11:51	ug/m3	**750**	**11**	**1.4**	--	**16**	<0.64	<0.49	<0.66	**1.2 J**	<1.4	<0.90	**31**	**13**	<1.3	<0.91	**11 J**	**16**	**2.7 J**	<0.72
SGe-14	East of Opera House	8/24/2022 12:02	ug/m3	**454**	**31**	<1.1	<0.92	<3.8	<1.8	<1.8	<1.8	<1.8	<1.8	<2.1	<1.6	**118**	<5.8	<3.1	**8.7**	**28**	<1.2	<0.57

Table 6
Air VOC Analytical Results - Historical

Sample ID	Location	Collected Date	Units	Acetone	Benzene	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	Ethyl acetate	n-Heptane	Naphthalene	1,1,2,2-Tetrachloroethane	**Tetrachloroethene (PCE)**	Toluene	**Trichloroethene (TCE)**	**Vinyl chloride**
			CAS Number	67-64-1	71-43-2	67-66-3	74-87-3	110-82-7	75-34-3	107-06-2	75-35-4	156-59-2	156-60-5	78-87-5	141-78-6	142-82-5	91-20-3	79-34-5	127-18-4	108-88-3	79-01-6	75-01-4
SUB-SLAB SOIL GAS																						
R2 Residential Sub-Slab Soil Gas Screening Level			ug/m3	**1000000**	**100**	**40**	**3000**	**200000**	**600**	**40**	**7000**	**---**	**3000**	**100**	**2000**	**10000**	**---**	**20**	**1000**	**200000**	**70**	**60**
R2 Commercial/Industrial Sub-Slab Soil Gas Screening Level			ug/m3	**5000000**	**500**	**200**	**10000**	**900000**	**3000**	**200**	**30000**	**---**	**6000**	**600**	**10000**	**60000**	**---**	**70**	**6000**	**700000**	**300**	**900**
SSsg-1	102 S. Union St. - Basement	3/28/2016 10:40	ug/m3	--	--	--	--	--	--	--	--	<1.8	--	--	--	--	--	--	<1.5	--	<1.2	<0.57
SSsg-1	102 S. Union St. - Basement	7/28/2016 10:37	ug/m3	--	--	--	--	--	--	--	--	<1.7	--	--	--	--	--	--	<1.4	--	<1.2	<0.55
SSsg-2	119 Main - Basement	3/28/2016 11:03	ug/m3	--	--	--	--	--	--	--	--	**4,550**	--	--	--	--	--	--	**14**	--	**154**	<0.57
SSsg-2 FD-1	119 Main - Basement	3/28/2016 12:05	ug/m3	--	--	--	--	--	--	--	--	**9,240**	--	--	--	--	--	--	**197**	--	**1,530**	<0.57
SSsg-2	119 Main - Basement	7/28/2016 10:44	ug/m3	--	--	--	--	--	--	--	--	**5,420**	--	--	--	--	--	--	**991**	--	**1,500**	<0.60
SSsg-2	119 Main - Basement	3/3/2017 13:50	ug/m3	--	--	--	--	--	--	--	--	**1.5**	--	--	--	--	--	--	**4.1**	--	**4.3**	<0.64
SSsg-2	119 Main - Basement	8/30/2017 13:30	ug/m3	--	--	--	--	--	--	--	--	**1.2**	--	--	--	--	--	--	**4.7**	--	<0.79	<0.75
SSsg-2	119 Main - Basement	6/22/2023 11:26	ug/m3	--	--	--	--	--	<0.13	--	--	<0.18	<0.27	--	--	--	--	--	**0.47 J**	--	**0.86 J**	<0.15
SSsg-2	119 Main - Basement	3/1/2024 11:18	ug/m3	--	--	--	--	--	< 0.13	< 0.1	< 0.13	< 0.18	< 0.28	--	--	--	--	--	**1.2**	--	< 0.17	< 0.15
SSsg-3	109 E. Main - Basement	3/28/2016 12:15	ug/m3	--	--	--	--	--	--	--	--	<1.6	--	--	--	--	--	--	**1.8**	--	<1.8	<0.50
SSsg-3	109 E. Main - Basement	7/28/2016 11:50	ug/m3	--	--	--	--	--	--	--	--	<1.7	--	--	--	--	--	--	<1.4	--	<1.2	<0.55
SSsg-4	111 E. Main - Basement	3/28/2016 12:23	ug/m3	--	--	--	--	--	--	--	--	<1.6	--	--	--	--	--	--	<1.4	--	**1.8**	<0.53
SSsg-4	111 E. Main - Basement	7/28/2016 11:52	ug/m3	--	--	--	--	--	--	--	--	<1.8	--	--	--	--	--	--	<1.5	--	<1.2	<0.57
SSsg-5	123 Main - Frontier - North	8/30/2017 14:01	ug/m3	**79**	**1.9**	<0.74	**1.2**	**2.8**	<1.2	<0.61	<1.2	<1.2	<1.2	--	--	**5.2**	--	<1.0	<1.0	**14**	<0.82	<0.77
SSsg-5	123 Main - Frontier - North	1/23/2018 13:27	ug/m3	**14**	<0.50	<0.77	<0.65	<1.1	<1.3	<0.64	<1.2	<1.2	<1.2	--	--	<1.3	--	<1.1	<1.1	<1.2	<0.85	<0.40
SSsg-6	111 Wash. - W. Basement	1/23/2018 12:12	ug/m3	**18**	**3.0**	**1.0**	< 0.52	< 0.86	<1.0	< 0.51	< 0.99	**2.1**	< 0.99	--	--	**7.7**	--	< 1.7	**11**	**6.0**	**5.7**	< 0.64
SSsg-6	111 Wash. - W. Basement	8/28/2018 11:40	ug/m3	**11**	< 3.2	< 4.9	< 8.3	< 3.4	< 4.0	< 4.0	< 4.0	**6.7**	< 4.0	--	--	< 4.1	--	< 6.9	**26**	< 3.8	**14**	< 2.6
SSsg-7	111 Wash. - E. Basement	1/23/2018 12:09	ug/m3	**20**	**0.86**	**1.6**	< 0.52	< 0.86	<1.0	< 0.51	< 0.99	< 0.99	< 0.99	--	--	**2.5**	--	< 1.7	< 1.7	**3.4**	< 1.3	< 0.64
SSsg-7 (DUP)	111 Wash. - E. Basement	1/23/2018 12:09	ug/m3	**20**	**0.93**	**1.4**	< 0.52	< 0.86	<1.0	< 0.51	< 0.99	< 0.99	< 0.99	--	--	**2.6**	--	< 1.7	< 1.7	**4.0**	< 1.3	< 0.64
SSsg-7	111 Wash. - E. Basement	8/28/2018 11:36	ug/m3	**17**	< 1.6	**7.8**	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	**5.7**	**2.0**	< 2.7	< 1.3
SSsg-7 (DUP)	111 Wash. - E. Basement	8/28/2018 11:36	ug/m3	**17**	< 1.6	**7.9**	< 4.1	< 1.7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	--	--	< 2.0	--	< 3.4	**5.6**	**2.4**	< 2.7	< 1.3
SSsg-8	103 S. Washington 1st Floor	2/6/2019 11:39	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.99	< 0.991	< 1.155	< 0.901	< 1.025	< 1.311	< 1.7	< 1.7	< 0.942	< 1.3	< 0.64
SSsg-8	103 S. Washington 1st Floor	9/10/2019 14:01	ug/m3	**24**	<1.9	<2.9	<2.4	<10.1	<4.8	<2.4	<4.7	<4.7	<4.7	<5.4	<4.2	<4.8	<15.4	<4.0	**668**	<4.4	<3.2	<1.5
SSsg-9	103 S. Washington Basement	2/6/2019 11:33	ug/m3	< 59.387	**14**	< 1.221	< 0.516	**16**	< 1.012	< 1.012	< 0.991	< 0.99	< 0.991	< 1.155	< 0.901	**35**	< 1.311	< 1.7	**182**	**39**	< 1.3	< 0.64
SSsg-9	103 S. Washington Basement	9/10/2019 13:38	ug/m3	**8.0**	<0.47	**0.89**	<0.60	<2.5	<1.2	<0.59	<1.2	<1.2	<1.2	<1.4	<1.1	<1.2	<3.8	<2.0	**294**	<1.1	**2.5**	<0.37
SSsg-10	105 S. Washington Basement	2/6/2019 11:48	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.99	< 0.991	< 1.155	< 0.901	**38**	< 1.311	< 1.7	**6.0**	**4.6**	< 1.3	< 0.64
SSsg-10	105 S. Washington Basement	9/10/2019 13:30	ug/m3	**11**	<0.52	<0.80	<0.68	<2.8	<1.3	<0.66	<1.3	<1.3	<1.3	<1.5	<1.2	<1.3	<4.3	<2.2	**5.3**	<1.2	<0.88	<0.42
SSsg-11	107 S. Washington Basement	2/6/2019 11:57	ug/m3	< 59.387	**11**	< 1.221	< 0.516	**32**	< 1.012	< 1.012	< 0.991	< 0.99	< 0.991	< 1.155	< 0.901	**80**	< 1.311	< 1.7	**5.2**	**44**	< 1.3	< 0.64
SSsg-11 (DUP)	107 S. Washington Basement	2/6/2019 11:57	ug/m3	< 59.387	**11**	< 1.221	< 0.516	**33**	< 1.012	< 1.012	< 0.991	< 0.99	< 0.991	< 1.155	< 0.901	**81**	< 1.311	< 1.7	**5.8**	**46**	< 1.3	< 0.64
SSsg-11	107 S. Washington Basement	9/10/2019 13:39	ug/m3	**4.7**	<0.55	**1.1**	<0.71	<2.9	<1.4	<0.69	<1.4	<1.4	<1.4	<1.6	<1.2	<1.4	<4.5	<2.3	**4.8**	<1.3	<0.92	<0.44
SSsg-12	116 E. Franklin South	2/6/2019 11:08	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.99	< 0.991	< 1.155	< 0.901	< 1.025	< 1.311	< 1.7	< 1.7	**4.0**	**3.1**	< 0.64
SSsg-12 (DUP)	116 E. Franklin South	2/6/2019 11:08	ug/m3	< 59.387	< 0.799	< 1.221	< 0.516	< 0.861	< 1.012	< 1.012	< 0.991	< 0.99	< 0.991	< 1.155	< 0.901	< 1.025	< 1.311	< 1.7	< 1.7	**3.6**	**3.1**	< 0.64
SSsg-12	116 E. Franklin South	9/10/2019 14:10	ug/m3	**6.1**	<0.48	<0.74	<0.63	<2.6	<1.2	<0.61	<1.2	<1.2	<1.2	<1.4	**2.0**	<1.2	<4.0	<2.1	**8.9**	**2.4**	<0.81	<0.39
SSsg-13	101 S. Wash. - Basement - Graphix	9/10/2019 12:00	ug/m3	**79**	**11**	**1.7**	<0.65	**25**	<1.3	<0.64	<1.2	<1.2	<1.2	<1.5	**3.9**	**36**	<4.1	<2.2	**60**	**28**	<0.85	<0.40
SSsg-13	101 S. Wash. - Basement - Graphix	2/13/2020 10:44	ug/m3	**1,520**	**0.76**	<0.66	<0.56	<2.3	<1.1	<0.55	<1.1	<1.1	<1.1	<1.3	<0.98	**381**	<3.6	<0.94	**31**	**9.8**	<0.73	<0.35
SSsg-13 (DUP)	101 S. Wash. - Basement - Graphix	2/13/2020 10:44	ug/m3	**55**	<0.44	**0.77**	<0.56	<2.3	<1.1	<0.55	<1.1	<1.1	<1.1	<1.3	<0.98	**13**	<3.6	<0.94	**61**	<1.0	<0.73	<0.35
SSsg-14	101 S. Wash. - PSSI - 1st Fl. - Rear	9/10/2019 12:16	ug/m3	**51**	**4.2**	**2.1**	<0.61	**15**	<1.2	<0.60	<1.2	<1.2	<1.2	<1.4	<1.1	**9.8**	<3.9	<2.0	**39**	**14.0**	<0.80	<0.38
SSsg-14	101 S. Wash. - PSSI - 1st Fl. - Rear	2/13/2020 10:23	ug/m3	<8.7	**3.3**	<0.71	**0.77**	<2.5	<1.2	<0.59	<1.2	<1.2	<1.2	<1.4	**1.1**	<1.2	<3.8	<1.0	<0.99	**1.6**	<0.79	<0.37

Table 6
Air VOC Analytical Results - Historical

Sample ID	Location	Collected Date	Units	Acetone	Benzene	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	Ethyl acetate	n-Heptane	Naphthalene	1,1,2,2-Tetrachloroethane	**Tetrachloroethene (PCE)**	Toluene	**Trichloroethene (TCE)**	**Vinyl chloride**
			CAS Number	67-64-1	71-43-2	67-66-3	74-87-3	110-82-7	75-34-3	107-06-2	75-35-4	156-59-2	156-60-5	78-87-5	141-78-6	142-82-5	91-20-3	79-34-5	127-18-4	108-88-3	79-01-6	75-01-4
SEWER GAS SAMPLES																						
R2 Residential Sewer Gas (Conduit) Screening Level			ug/m3	**1000000**	**100**	**40**	**3000**	**200000**	**600**	**40**	**7000**	**---**	**3000**	**100**	**2000**	**10000**	**---**	**20**	**1000**	**200000**	**70**	**60**
R2 Commercial/Industrial Sewer Gas (Conduit) Screening Level			ug/m3	**5000000**	**500**	**200**	**10000**	**900000**	**3000**	**200**	**30000**	**---**	**6000**	**600**	**10000**	**60000**	**---**	**70**	**6000**	**700000**	**300**	**900**
SWG-1	Sewer - Alley Intersection	10/22/2020 9:30	ug/m3	**13**	<0.65	**130**	**1.6**	<3.5	<1.7	<0.83	<1.6	**7.9**	<1.6	<1.9	<1.5	<1.7	<5.3	<1.4	**40**	**1.7**	**1.5**	**2.4**
SWG-1	Sewer - Alley Intersection	8/25/2022 13:49	ug/m3	**40**	<0.52	**320**	**4.3**	<2.8	<1.3	<1.3	**1.8**	<1.3	<1.3	<1.5	<1.2	<1.3	<4.3	<2.3	**7.1**	<1.2	<0.88	<0.42
SWG-2	Communication Manhole - Alley Intersection	10/22/2020 9:55	ug/m3	<7.9	<0.42	<0.64	<0.55	<2.3	<1.1	<0.53	<1.0	<1.0	<1.0	<1.2	<0.95	<1.1	<3.5	<0.91	<0.90	<1.0	<0.71	<0.34
SWG-2 DUP	Communication Manhole - Alley Intersection	10/22/2020 9:55	ug/m3	<7.9	<0.42	<0.64	<0.55	<2.3	<1.1	<0.53	<1.0	<1.0	<1.0	<1.2	<0.95	<1.1	<3.5	<0.91	<0.90	<1.0	<0.71	<0.34
SWG-2	Communication Manhole - Alley Intersection	8/25/2022 13:47	ug/m3	<9.7	<0.52	**0.94**	<0.68	<2.8	<1.3	<1.3	<1.3	<1.3	<1.3	<1.5	<1.2	<1.3	<4.3	<2.3	<1.1	<1.2	<0.88	<0.42
SWG-3	Sewer - Franklin/Alley Intersection	10/22/2020 10:17	ug/m3	**20**	**0.81**	**44**	**3.8**	<2.5	<1.2	<0.59	<1.2	<1.2	<1.2	<1.4	<1.1	<1.2	<3.8	<1.0	**148**	**4.5**	<0.79	<0.37
SWG-3	Sewer - Franklin/Alley Intersection	8/25/2022 13:57	ug/m3	**30**	<0.52	**48**	**1.6**	<2.8	<1.3	<1.3	<1.3	<1.3	**3.8**	<1.5	<1.2	<1.3	<4.3	<2.3	**28**	**2.1**	<0.88	<0.42

Notes:
Samples analyzed using EPA Method TO-15
VOCs = Volatile Organic Compounds
BDL = Below Detection Limits
--- = not analyzed (NA) or no standard
*Risk-based Closure Guide (R2), Risk Screening Table, Table 1: Human Health Level Table - 2023

Appendix A

Groundwater Sampling Logs

Quarterly Monitoring Report
Commercial Properties
113 – 117 E. Main Street, Delphi

Appendix A
Groundwater Sampling Logs

Site Name: **Commercial Properties, Delphi**
Site Address: 113-117 Main Street, Delphi, IN
BCA Project Number: 24-164
IDEM Site Number: 0000382
Sampled By: Rod Manny / Lauren Caldwell / Nick Wood
Sampling Equipment: Aqua TROLL 500 / 12V Cyclone 2" Centrifugal Pump
*Dedicated Tubing in all wells

Sample Location	GW Starting Depth	Estimated Flow Rate	Pump Start Time	Turbidity	Temperature	Specific Conductivity	Dissolved Oxygen	pH	ORP	Sample Date	Total Well Depth	Well Screen Depth	Well Screen Length	Pump Intake Depth	Notes
	ft.			NTU	Deg (F)	mS/cm	mg/L		mV		ft.	ft.	ft.	ft.	
MW-2D	17.51	200 mL/min	9:47	1309	65.69	1.626	3.68	7.27	178.6	5/16/2024	36.9	25.35	11.55	31.125	~1.5 gallons purged
	17.51		9:50	3299	64.57	1.646	0.61	7.12	174.7						Slightly Cloudy / odorless
	17.51		9:53	1830	63.26	1.642	0.36	7.12	158.3						Sampled VOCs @ 10:08
	17.51		9:53	1367	64.47	1.639	0.30	7.11	134.8						
	17.51		9:53	1063	64.15	1.642	0.26	7.10	113.9						
	22.54		9:53	939	64.72	1.640	0.25	7.10	97.8						
	23.52		9:53	629	64.91	1.646	0.24	7.10	87.6						
	23.52		9:53	677	65.21	1.648	0.24	7.10	80.7	Sampled					
MW-3D	15.34	300 mL/min	10:55	127	62.90	1.685	1.41	7.27	55.8	5/16/2024	35.09	25.12	9.97	30.105	~2 gallons purged
	15.34		10:58	328	61.46	1.707	0.25	7.18	-5.6						Clear/ hydrogen sulfide odor
	15.34		11:01	280	61.75	1.706	0.17	7.16	-27.8						Sampled VOCs / MS/MSD
	15.34		11:04	245	62.12	1.703	0.13	7.14	-40.5						
	15.34		11:07	173	62.37	1.706	0.11	7.14	-48.5						
	15.34		11:10	153	62.77	1.698	0.09	7.14	-53.9						
	15.34		11:13	92	62.86	1.697	0.08	7.13	-56.9						
	15.34		11:16	66	62.93	1.700	0.07	7.13	-59.1	Sampled					
MW-4D	11.89	400 mL/min	12:40	1990	62.82	2.907	0.86	7.27	102.7	5/16/2024	34.55	24.55	10.00	29.55	~2 gallons purged to drum
	12.08		12:43	2210	62.03	2.954	0.24	7.21	47.5						Slightly Cloudy / odorless
	12.08		12:46	1695	62.05	2.962	0.16	7.19	23.4						Sampled VOCs + DUP
	12.08		12:49	1143	62.13	2.949	0.13	7.18	11.6						
	12.08		12:52	990	62.39	2.953	0.11	7.17	4.7						
	12.08		12:55	775	62.73	2.949	0.10	7.16	0.2	Sampled					
MW-5	9.01	150 mL/min	11:35	1046	62.16	2.109	0.45	7.22	49.4	3/16/2024	18.05	8.18	9.87	15.55	~1.5 gallons purged
	9.15		11:38	688	62.27	2.129	0.27	7.13	33.9						cloudy, odorless
	9.15		11:41	498	63.16	2.118	0.24	7.12	24.1						Sampled VOCs
	9.15		11:44	502	63.73	2.088	0.22	7.11	18.3						
	9.15		11:47	511	64.30	2.056	0.22	7.10	15.0						
	9.15		11:50	529	64.34	2.033	0.22	7.13	13.9						
	9.15		11:53	535	64.64	2.014	0.22	7.13	14.1	Sampled					
MW-6	8.31	150 mL/min	10:25	63	64.61	2.698	0.25	7.02	48.5	3/16/2024	19.16	9.15	10.01	16.66	~1 gallon purged
	8.31		10:28	66	64.28	2.687	0.20	6.97	19.0						slightly cloudy / odorless
	9.73		10:31	67	64.72	2.697	0.17	6.96	9.1						Sampled VOCs
	10.03		10:34	54	64.74	2.694	0.15	6.97	4.0						
	10.03		10:37	49	65.43	2.698	0.15	6.96	1.0						
	10.03		10:40	44	65.75	2.696	0.16	6.96	-1.0						

EB-1 @ 13:06

Appendix B

Groundwater Analytical Report

Quarterly Monitoring Report
Commercial Properties
113 – 117 E. Main Street, Delphi

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

May 31, 2024

Rod Manny
BCA Environmental Consultants, LLC
7202 E 87th St
Suite 110
Indianapolis, IN 46256

RE: Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Dear Rod Manny:

Enclosed are the analytical results for sample(s) received by the laboratory on May 16, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Indianapolis

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

Sincerely,

Regina Bedel
regina.bedel@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Brent Graves, BCA Environmental Consultants, LLC

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

CERTIFICATIONS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

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

SAMPLE SUMMARY

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50373454001	**MW-2D**	Water	05/16/24 10:08	05/16/24 14:55
50373454002	**MW-6**	Water	05/16/24 10:40	05/16/24 14:55
50373454003	**MW-3D**	Water	05/16/24 11:16	05/16/24 14:55
50373454004	**MW-5**	Water	05/16/24 11:53	05/16/24 14:55
50373454005	**MW-4D**	Water	05/16/24 12:55	05/16/24 14:55
50373454006	**MW-4D DUP**	Water	05/16/24 12:55	05/16/24 14:55
50373454007	**EB-1**	Water	05/16/24 13:06	05/16/24 14:55
50373454008	**Trip Blank**	Water	05/16/24 08:00	05/16/24 14:55

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

SAMPLE ANALYTE COUNT

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50373454001	**MW-2D**	EPA 5030B/8260	TAY	9	PASI-I
50373454002	**MW-6**	EPA 5030B/8260	TAY	9	PASI-I
50373454003	**MW-3D**	EPA 5030B/8260	TAY	9	PASI-I
50373454004	**MW-5**	EPA 5030B/8260	TAY	9	PASI-I
50373454005	**MW-4D**	EPA 5030B/8260	TAY	9	PASI-I
50373454006	**MW-4D DUP**	EPA 5030B/8260	TAY	9	PASI-I
50373454007	**EB-1**	EPA 5030B/8260	TAY	9	PASI-I
50373454008	**Trip Blank**	EPA 5030B/8260	ALA	9	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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

SUMMARY OF DETECTION

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50373454005	**MW-4D**					
EPA 5030B/8260	Trichloroethene	2.6	ug/L	2.0	05/25/24 03:51	CL,H7
50373454006	**MW-4D DUP**					
EPA 5030B/8260	Trichloroethene	2.6	ug/L	2.0	05/25/24 04:21	CL,H7

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Sample: MW-2D **Lab ID: 50373454001** Collected: 05/16/24 10:08 Received: 05/16/24 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - Indianapolis							
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/25/24 02:21	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 02:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 02:21	156-60-5	
Tetrachloroethene	ND	ug/L	2.0	1		05/25/24 02:21	127-18-4	
Trichloroethene	ND	ug/L	2.0	1		05/25/24 02:21	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/25/24 02:21	75-01-4	
Surrogates								
4-Bromofluorobenzene (S)	100	%.	79-124	1		05/25/24 02:21	460-00-4	
Dibromofluoromethane (S)	101	%.	82-128	1		05/25/24 02:21	1868-53-7	
Toluene-d8 (S)	102	%.	73-122	1		05/25/24 02:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Sample: MW-6 **Lab ID: 50373454002** Collected: 05/16/24 10:40 Received: 05/16/24 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - Indianapolis							
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/25/24 02:51	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 02:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 02:51	156-60-5	
Tetrachloroethene	ND	ug/L	2.0	1		05/25/24 02:51	127-18-4	
Trichloroethene	ND	ug/L	2.0	1		05/25/24 02:51	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/25/24 02:51	75-01-4	
Surrogates								
4-Bromofluorobenzene (S)	100	%.	79-124	1		05/25/24 02:51	460-00-4	
Dibromofluoromethane (S)	104	%.	82-128	1		05/25/24 02:51	1868-53-7	
Toluene-d8 (S)	98	%.	73-122	1		05/25/24 02:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Sample: MW-3D **Lab ID: 50373454003** Collected: 05/16/24 11:16 Received: 05/16/24 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - Indianapolis							
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/25/24 10:54	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 10:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 10:54	156-60-5	
Tetrachloroethene	ND	ug/L	2.0	1		05/25/24 10:54	127-18-4	
Trichloroethene	ND	ug/L	2.0	1		05/25/24 10:54	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/25/24 10:54	75-01-4	
Surrogates								
4-Bromofluorobenzene (S)	101	%.	79-124	1		05/25/24 10:54	460-00-4	
Dibromofluoromethane (S)	101	%.	82-128	1		05/25/24 10:54	1868-53-7	
Toluene-d8 (S)	97	%.	73-122	1		05/25/24 10:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Sample: MW-5 **Lab ID: 50373454004** Collected: 05/16/24 11:53 Received: 05/16/24 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - Indianapolis							
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/25/24 03:21	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 03:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 03:21	156-60-5	
Tetrachloroethene	ND	ug/L	2.0	1		05/25/24 03:21	127-18-4	
Trichloroethene	ND	ug/L	2.0	1		05/25/24 03:21	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/25/24 03:21	75-01-4	
Surrogates								
4-Bromofluorobenzene (S)	101	%.	79-124	1		05/25/24 03:21	460-00-4	
Dibromofluoromethane (S)	100	%.	82-128	1		05/25/24 03:21	1868-53-7	
Toluene-d8 (S)	101	%.	73-122	1		05/25/24 03:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Sample: MW-4D **Lab ID: 50373454005** Collected: 05/16/24 12:55 Received: 05/16/24 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - Indianapolis							
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/25/24 03:51	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 03:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 03:51	156-60-5	
Tetrachloroethene	ND	ug/L	2.0	1		05/25/24 03:51	127-18-4	
Trichloroethene	**2.6**	ug/L	2.0	1		05/25/24 03:51	79-01-6	CL,H7
Vinyl chloride	ND	ug/L	1.0	1		05/25/24 03:51	75-01-4	
Surrogates								
4-Bromofluorobenzene (S)	101	%.	79-124	1		05/25/24 03:51	460-00-4	
Dibromofluoromethane (S)	99	%.	82-128	1		05/25/24 03:51	1868-53-7	
Toluene-d8 (S)	101	%.	73-122	1		05/25/24 03:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Sample: MW-4D DUP **Lab ID: 50373454006** Collected: 05/16/24 12:55 Received: 05/16/24 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - Indianapolis							
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/25/24 04:21	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 04:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 04:21	156-60-5	
Tetrachloroethene	ND	ug/L	2.0	1		05/25/24 04:21	127-18-4	
Trichloroethene	**2.6**	ug/L	2.0	1		05/25/24 04:21	79-01-6	CL,H7
Vinyl chloride	ND	ug/L	1.0	1		05/25/24 04:21	75-01-4	
Surrogates								
4-Bromofluorobenzene (S)	101	%.	79-124	1		05/25/24 04:21	460-00-4	
Dibromofluoromethane (S)	100	%.	82-128	1		05/25/24 04:21	1868-53-7	
Toluene-d8 (S)	100	%.	73-122	1		05/25/24 04:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Sample: EB-1 **Lab ID: 50373454007** Collected: 05/16/24 13:06 Received: 05/16/24 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - Indianapolis							
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/25/24 04:52	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 04:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/25/24 04:52	156-60-5	
Tetrachloroethene	ND	ug/L	2.0	1		05/25/24 04:52	127-18-4	
Trichloroethene	ND	ug/L	2.0	1		05/25/24 04:52	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/25/24 04:52	75-01-4	
Surrogates								
4-Bromofluorobenzene (S)	102	%.	79-124	1		05/25/24 04:52	460-00-4	
Dibromofluoromethane (S)	100	%.	82-128	1		05/25/24 04:52	1868-53-7	
Toluene-d8 (S)	102	%.	73-122	1		05/25/24 04:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Sample: Trip Blank **Lab ID: 50373454008** Collected: 05/16/24 08:00 Received: 05/16/24 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260 Pace Analytical Services - Indianapolis							
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/27/24 22:21	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/27/24 22:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/27/24 22:21	156-60-5	
Tetrachloroethene	ND	ug/L	2.0	1		05/27/24 22:21	127-18-4	
Trichloroethene	ND	ug/L	2.0	1		05/27/24 22:21	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/27/24 22:21	75-01-4	
Surrogates								
4-Bromofluorobenzene (S)	99	%.	79-124	1		05/27/24 22:21	460-00-4	
Dibromofluoromethane (S)	101	%.	82-128	1		05/27/24 22:21	1868-53-7	
Toluene-d8 (S)	100	%.	73-122	1		05/27/24 22:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

QC Batch: 792035
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50373454001, 50373454002, 50373454003, 50373454004, 50373454005, 50373454006, 50373454007

METHOD BLANK: 3624749 Matrix: Water
Associated Lab Samples: 50373454001, 50373454002, 50373454003, 50373454004, 50373454005, 50373454006, 50373454007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethene (Total)	ug/L	ND	2.0	05/25/24 01:50	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/25/24 01:50	
Tetrachloroethene	ug/L	ND	2.0	05/25/24 01:50	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/25/24 01:50	
Trichloroethene	ug/L	ND	2.0	05/25/24 01:50	
Vinyl chloride	ug/L	ND	1.0	05/25/24 01:50	
4-Bromofluorobenzene (S)	%.	100	79-124	05/25/24 01:50	
Dibromofluoromethane (S)	%.	99	82-128	05/25/24 01:50	
Toluene-d8 (S)	%.	99	73-122	05/25/24 01:50	

LABORATORY CONTROL SAMPLE: 3624750

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	100	101	101	75-122	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	77-123	
Tetrachloroethene	ug/L	50	50.2	100	71-122	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	75-122	
Trichloroethene	ug/L	50	38.6	77	74-125	
Vinyl chloride	ug/L	50	43.7	87	55-139	
4-Bromofluorobenzene (S)	%.			101	79-124	
Dibromofluoromethane (S)	%.			97	82-128	
Toluene-d8 (S)	%.			101	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3624751 3624752

Parameter	Units	50373454003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethene (Total)	ug/L	ND	100	100	100	115	100	115	50-141	14	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	51.2	57.9	102	116	50-141	12	20	
Tetrachloroethene	ug/L	ND	50	50	49.9	55.6	100	111	44-138	11	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	49.2	57.4	98	115	50-137	15	20	
Trichloroethene	ug/L	ND	50	50	36.2	42.4	72	85	49-140	16	20	
Vinyl chloride	ug/L	ND	50	50	43.4	48.6	87	97	41-147	11	20	
4-Bromofluorobenzene (S)	%.						101	101	79-124			
Dibromofluoromethane (S)	%.						99	98	82-128			
Toluene-d8 (S)	%.						102	99	73-122			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

QC Batch: 792171
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50373454008

METHOD BLANK: 3625731 Matrix: Water
Associated Lab Samples: 50373454008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethene (Total)	ug/L	ND	2.0	05/27/24 14:29	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/27/24 14:29	
Tetrachloroethene	ug/L	ND	2.0	05/27/24 14:29	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/27/24 14:29	
Trichloroethene	ug/L	ND	2.0	05/27/24 14:29	
Vinyl chloride	ug/L	ND	1.0	05/27/24 14:29	
4-Bromofluorobenzene (S)	%.	99	79-124	05/27/24 14:29	1d
Dibromofluoromethane (S)	%.	102	82-128	05/27/24 14:29	
Toluene-d8 (S)	%.	100	73-122	05/27/24 14:29	

LABORATORY CONTROL SAMPLE: 3625732

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	100	105	105	75-122	
cis-1,2-Dichloroethene	ug/L	50	52.1	104	77-123	
Tetrachloroethene	ug/L	50	50.4	101	71-122	
trans-1,2-Dichloroethene	ug/L	50	52.7	105	75-122	
Trichloroethene	ug/L	50	52.3	105	74-125	
Vinyl chloride	ug/L	50	50.3	101	55-139	
4-Bromofluorobenzene (S)	%.			100	79-124	
Dibromofluoromethane (S)	%.			104	82-128	
Toluene-d8 (S)	%.			100	73-122	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
H7	Re-extraction or re-analysis could not be performed within method holding time.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 113-117 Main Delphi 24-164
Pace Project No.: 50373454

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50373454001	**MW-2D**	EPA 5030B/8260	792035		
50373454002	**MW-6**	EPA 5030B/8260	792035		
50373454003	**MW-3D**	EPA 5030B/8260	792035		
50373454004	**MW-5**	EPA 5030B/8260	792035		
50373454005	**MW-4D**	EPA 5030B/8260	792035		
50373454006	**MW-4D DUP**	EPA 5030B/8260	792035		
50373454007	**EB-1**	EPA 5030B/8260	792035		
50373454008	**Trip Blank**	EPA 5030B/8260	792171		

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

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50373454

50373454

Company Name:	BCA Environmental Consultants, LLC	Contact/Report To:	Rod Manny
Street Address:	7202 E 87th St, Indianapolis, IN 46256	Phone #:	317-578-4233
		E-Mail:	rmanny@bcaconsultants.com
		Cc E-Mail:	
Customer Project #:	24-164		
Project Name:	113-117 Main Delphi	Invoice To:	Accounts Payable
		Invoice E-Mail:	ap@bcaconsultants.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET		County / State origin of sample(s):	Indiana

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

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

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

DW PWSID # or WW Permit # as applicable:

Date Results Requested: 10 Day TAT

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

Analysis:

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

Specify Container Size **: 6

Identify Container Preservative Type***: 4

Analysis Requested: 8260 MSV Low Level

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

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

Lab Use Only

Proj. Mgr: **Regina Bedel**

AcctNum / Client ID:

Table #:

Profile / Template: **8378-3**

Prelog / Bottle Ord. ID: **EZ 3111971**

Preservation non-conformance identified for sample.

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 MSV Low Level	Sample Comment
MW-2D	GW	Grab			5/16	10:09	3			X	001
MW-6	"	"			"	10:40	3			X	002
MW-3D	"	"			"	11:16	9			*	003
MW-5	"	"			"	11:53	3			X	004
MW-4D	"	"			"	12:55	3			X	005
MW-4D DUP	"	"			"	12:55	3			X	006
EB-1	"	"			"	13:06	3			X	007
TB-1	"	"			"	"	3			X	008

Additional Instructions from Pace®:
Short list: DCE, Cis-DCE, Trans-DCE, PCE, TCE, and VC

Collected By: (Printed Name) Rod Manny

Signature: Rod Manny

Customer Remarks / Special Conditions / Possible Hazards:
* MS-MSD (MW-3D)

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	C	0.0	1.1	1.1	Y

	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) Rod Manny / BCA	5/16 / 1455	Rod Stahl / PACE	5.16.24 1455
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

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

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: NMS 05.16.2024 1752

1. **Courier:** ☐FED EX | UPS ☒CLIENT ☐PACE ☐NOW/JETT | OTHER _____
2. **Custody Seal on Cooler/Box Present:** | | Yes ☒ No
   (If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**
3. **Thermometer:** 1 2 3 4 5 6 7 8 A B (C) D E F G H
4. **Cooler Temperature(s):** (Initial/Corrected) 1.1 | 1.1 | | | | RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)
5. **Packing Material:** ☒ Bubble Wrap ☒ Bubble Bags | | None | | Other _____
6. **Ice Type:** ☒ Wet ☐ Blue ☐ None
7. **Was the PM notified of out of temp cooler?:** | | Yes ☐ No
   Cooler temp should be above freezing to 6°C
8. **EZ Bottle Order?** | ☒ Yes | | No
   If yes but not on COC what is the EZ Bottle Order Number?:

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

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

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

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

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS >6mm	VG9U DG9U	VG9T	AMBER GLASS AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER CG3H	CG3F	Syringe Kit		Matrix
1				3																								WT
2				3																								
3				9																								
4				3																								
5				|																								
6				|																								
7				|																								
8				⊥																								⊥
9																												
10																												
11																												
12																												

Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
Red	Yellow	Green	Black
HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9

Container Codes

Glass

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

Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		

Miscellaneous

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

Pace Container Order #3111971

mackenzie.speidel@pacelabs.com

Addresses

Order By :

Company BCA Environmental Consultants,
Contact Rod Manny
Email rmanny@bcaconsultants.com
Address 7202 E 87th St
Address 2 Suite 110
City Indianapolis
State IN Zip 46256
Phone 317-578-4233

Ship To :

Company BCA Environmental Consultants, LLC
Contact Rod Manny
Email rmanny@bcaconsultants.com
Address 7202 E 87th St
Address 2 Suite 110
City Indianapolis
State IN Zip 46256
Phone 317-578-4233

Return To:

Company Indianapolis, IN (Pace Analytical
Contact Regina Bedel
Email regina.bedel@pacelabs.com
Address 7726 Moller Road
Address 2
City Indianapolis
State IN Zip 46268
Phone (317)228-3100 114

Info

Project Name 113-117 Main Delphi **Due Date** 05/15/2024 **Profile** 8378 **Quote**
Project Manager Bedel, Regina **Return Date** **Carrier** Pace Courier **Location** IN

Return Shipping Labels

Return Label Type FedEx PO
[ ] No Shipper
[X] With Shipper

Bottle Labels

[ ] Blank
[X] Pre-Printed No Sample IDs
[ ] Pre-Printed With Sample IDs

Bottles

[ ] Boxed Cases
[ ] Individually Wrapped
[ ] Grouped By Sample ID/Matrix

Trip Blanks

[X] Include Trip Blanks

COC Options

[ ] Number of Blanks
[X] Pre-Printed 2

Misc

[X] Sampling Instructions
[X] Custody Seal
[X] Temp. Blanks
[X] Coolers
[ ] Syringes
[ ] Extra Bubble Wrap
[ ] Short Hold/Rush Stickers
[ ] DI Water
[ ] USDA Regulated Soils
[ ] Dry Weight

# of Samp	Matrix	Analysis	Qty / Samp	Container	Total	# of QC	Lot #	Notes
10	WT	8260 MSV Low Level	3	40mL clear VOA vial HCl	30			
1	WT	Trip Blank HCl- 8260 MSV Low Level	3	40mL clear vial HCl +DI Water	3			

Hazard Shipping Placard In Place : N/A

*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.
*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.
*Payment term are net 30 days.
*Please include the proposal number on the chain of custody to ensure proper billing.

Sample Notes :

Short list: DCE, Cis-DCE, Trans-DCE, PCE, TCE, and VC

LAB USE:

Ship Date : 05/14/2024
Prepared By: LLA
Verified By:

CLIENT USE (Optional):

Date Rec'd:
Received By: