Ohio EPA Voluntary Action Program

Limited Phase II Property Assessment

Bexley Ferndale-Mayfield Properties
937, 948, 947-949, 953-955, & 950-956 Ferndale Place
&
930, 940, 946, & 952 Mayfield Place
Bexley, Ohio 43209
(9 Parcels)

Prepared by:

PANDEY Environmental, LLC
6277 Riverside Drive, Suite Two South
Dublin, OH 43017
Phone: 614-444-8078
www.pandeyenvironmental.com

Prepared for:

City of Bexley
2242 East Main Street
Bexley, Ohio 43209

Date of Preparation:

February 1, 2023

PANDEY

ENVIRONMENTAL, LLC

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 General

PANDEY Environmental, LLC (PANDEY) was authorized by its Client, the City of Bexley, to conduct a Limited Phase II Property Assessment for the properties located at 937, 948, 947-949, 953-955, 950-956 Ferndale Place, and for the properties located at 930, 940, 946, & 952 Mayfield Place in Bexley, Ohio 43209 (parcel IDs 020-004515, 020-003779, 020-003789, 020-003788, 020-003780, 020-004520, 020-004521, 020-004522, & 020-004523, hereafter referred to as the subject property). The subject property consists of nine (9) separate parcels totaling approximately 1.16 acres. It should be noted that the nine (9) parcels / addresses are not contiguous, but are being assessed together in this Limited Phase II Property Assessment. The parcels are each privately owned and, thus, are not part of the same ownership group. Currently, the subject property consists of nine (9) multi-family residential buildings (one building per parcel). The property is zoned for residential use. This investigation is termed "limited" as this investigation is limited to the identification of presence or absence of contamination in the soil, groundwater, and sub-slab vapor media at the subject property. It does not serve to fully delineate the extent of vertical and horizontal contamination or to evaluate all potential exposures or potential receptors.

PANDEY personnel responsible for preparation of this report include Mr. Atul Pandey, P.E. and Mr. Jason Martin, Project Manager. Resumes of Mr. Pandey and Mr. Martin are presented in Appendix C of this report.

1.2 Purpose

This Limited Phase II Property Assessment was conducted subsequent to the completion of an Ohio EPA VAP Phase I Property Assessment Report (dated March 9, 2018), and a Phase II investigation (dated May 23, 2018) prepared by PANDEY for two (2) parcels located along Ferndale Place and Mayfield Place, in addition to a limited Phase II investigation (dated January 13, 2020) prepared by PANDEY for eight (8) additional parcels located along Ferndale Place and Mayfield Place, adjacent to the parcels comprising the subject property. A Sampling and Analysis Plan was prepared by PANDEY

subsequent to reviewing the findings of the VAP Phase I and Phase II reports prepared for the residential dwellings located adjacent to the subject property. Conclusions of the previous Phase I and Phase II reports of the sites located adjacent to the subject property determined that the general area along Ferndale & Mayfield Place is the location of a former undocumented landfill.

1.3 Sampling Plan

The sampling plan called for the installation of nine (9) soil borings, nine (9) sub-slab vapor pins or soil gas points, and five (5) monitoring wells across the subject property. This included one (1) sub-slab vapor pin or soil gas point per residential building / parcel and at least one (1) soil boring per individual parcel comprising the whole subject property. Soil borings were to be installed to an approximate depth of fifteen (15) to twenty-five (25) feet below ground surface (bgs) where groundwater was anticipated to be first encountered. The five (5) monitoring wells were to be installed at the shared boundaries between the parcels comprising the subject property. Monitoring wells were planned to be installed to a final depth of approximately twenty (20) to twenty-five (25) feet bgs in the shallow sand & gravel aquifer bearing lithology. The sub-slab vapor pins were planned to be installed in the garden apartment (bottom floor) stairwell landing area of each of the nine (9) dwellings across the subject property. If the dwelling was inaccessible, a soil gas point was planned to be installed outside the dwelling to an approximate depth of six (6) to eight (8) feet bgs in replacement of a sub-slab vapor pin.

Details regarding the location of the soil borings, monitoring wells and sub-slab vapor pins / soil gas points are provided in Section 4.0 of this report. Soil sample analysis included VOCs (only if screening detections were above background levels), RCRA 8 Metals and Semi-Volatile Organic Compounds (SVOCs). Groundwater analysis included VOCs, SVOCs/PAHs and RCRA 8 Metals. Sub-slab vapor sample analysis or soil-gas analysis included VOC analysis only (TO-15 parameters). However, each soil-gas probe and the sub-slab vapor pins were also screened using a four-gas meter for their concentrations of oxygen, carbon monoxide, hydrogen sulfide and methane (% Lower Explosive Limit [LEL]). Since the subject property was the location of a former landfill / dumping area, the concentration / potential build-up of methane and other landfill gases in the subsurface media was a

potential concern. The four-gas meter was calibrated to monitor carbon monoxide, methane (in %LEL), hydrogen sulfide and oxygen levels.

1.4 Numerical Standards

Numerical standards for this Phase II Property Assessment were obtained from Ohio EPA's Voluntary Action Program rules (VAP) in OAC 3745-300-08 effective October 17, 2019. In the event that numerical standards were not available in this rule, Ohio EPA VAP Program's Chemical Information Database and Applicable Regulatory Standards (CIDARS) database was consulted. A listing of numerical standards used can be found in Table 1. This listing also includes the source of the standard, and the date the standard went into effect. Because CIDARS databases are not dated, the date of download from Ohio EPA's website is listed as the standard date. Upon download of CIDARS information, numerical standards were compared to OAC 3745-300-08 as well as previous CIDARS downloads to ensure validity of any changes. Groundwater data was compared to the VAP Federal Maximum Contaminant Level and Groundwater Unrestricted Potable Use Standards (MCL/GUPUS) standards. For sub-slab / soil gas data gathered during the Phase II Property Assessment, numerical standards were compared to target sub-slab or soil gas concentrations obtained from the promulgated Ohio EPA Vapor Intrusion Screening Calculator (VISL) for residential land use. The comparison of sub-slab and soil gas data to the VISL target concentrations are provided on Figure 6 of this Report.

2.0 SITE BACKGROUND

The subject property is situated in a commercial and residential area located on the west side of Bexley, Ohio. Located at 937, 948, 947-949, 953-955, 950-956 Ferndale Place, and for the properties located at 930, 940, 946, & 952 Mayfield Place, the subject property is comprised of nine (9) parcels totaling approximately 1.16 acres. The nine (9) addresses are not contiguous, but are being assessed together in this Limited Phase II Property Assessment Report. The subject property was developed for residential use and has served as the location of apartments / multi-family housing for approximately 60 years. According to historical documentation reviewed during a Phase I Property Assessment (dated March 9, 2018) prepared for adjacent parcels, and observations made during field activities, it appears that the subject property was the location of a former unlicensed landfill prior to being developed for residential use between 1957 and 1964. Owned by multiple private parties, the subject property is currently the location of nine (9) multi-family residential buildings.

The property consists of a complex of multi-family residences which are situated along the east and west sides of Ferndale Place and along the east side of Mayfield Place. Each residence contains a small driveway area for parking two (2) cars. Small grass yards surround each residential building. The on-site buildings along the west side Ferndale Place and east side of Mayfield Place are two (2) stories in height and are identical in design / age with the exception of 949-947 and 953-955 Ferndale Place. The residences at these two locations are also two (2) stories but are comprised of white siding along the exterior of the dwelling in leu of brick. Finally, the dwellings at 948 and 950-956 Ferndale Place are single-story construction and are situated slightly different than the other seven (7) houses comprising the subject property. Each building contains two (2) residential units, a 2nd story unit (Unit B), and a basement / garden unit (Unit A) with the exception of the two (2) story units located at 949-947 and 953-955 Ferndale Place where both stories are located above ground. The 1st story of the buildings contains a shared landing space with a stairwell leading to Units A and B. No living space exists on the 1st floor of the buildings. The buildings at 948 and 950-956 Ferndale includes multiple units with one (1) access on the front and another access on the side of the single-story house. The buildings are in decent to slightly poor condition. Noticeable cracks along the foundations are observed running across and up the buildings. These cracks are considered indicative of the settlement within the landfill. The terrain surrounding each residential building is uneven and random, which indicates evidence of

movement in the ground /foundation beneath the structures. Overhead powerlines and poles are located on the around the on-property structures. The overhead lines and poles were observed to be leaning at angles indicating subsurface movement in the area.

Alum Creek is located approximately 0.12 miles west of the subject property. Mayfield Place runs along the western side of the subject property. Multi-family buildings are located along Mayfield Place adjacently west from the subject property and single-family homes are located adjacently east of the subject property along Sheridan Avenue. Adjacently north of the subject property is the Bexley Community Garden and Schneider Park (a community playground). Immediately south of the subject property are additional multi-family structures along Ferndale Place until it intersects with E. Livingston Avenue. Commercial sites line E. Livingston Avenue which is south of the subject property. Directly south of the subject property is Bexley Car Care, Making It Do, Inc. (auto repair), and Avenue Auto Repair.

PANDEY visited the site on December 12, 2022 to perform a site reconnaissance prior to beginning Phase II activities. The property consisted of nine (9) multi-residence buildings. The residences were surrounded by identical complexes, which were built at the same time (approximately 1960). All units, with the exception of 937 Ferndale Place, 946 and 940 Mayfield Place, appeared to be occupied.

3.0 SAMPLING PROCEDURES

PANDEY conducted subsurface investigations in December 2022 and January 2023. These investigations were conducted to examine the subject property for the presence of a former undocumented landfill at the subject property.

The methods and procedures described in this section apply to the sampling and analysis of all subsurface media investigated by PANDEY during the course of this Phase II Property Assessment.

Laboratory Analytical Methods

VAP-certified laboratories are required to adhere to strict QA/QC procedures that have been predetermined and approved by Ohio EPA. The VAP certified laboratory ALS Environmental in Cincinnati, OH (CL # 0054) performed analysis using the following analytical methods:

- VOCs (Method 8260)
- SVOCs (Method 8270)
- RCRA 8 Metals (Method 6010/7471)
- VOCs (Method TO-15)

The laboratory data, affidavits, case narrative, and chain of custody forms are provided in Appendix A of this report.

The Quality Assurance (QA) and Quality Control (QC) specifications for the subject property are outlined herein. These specifications describe the QA/QC requirement set up for collecting and analyzing samples for chemical analyses. The QA/QC procedures were used to assess the accuracy, precision, completeness, representativeness, and comparability of the analytical data.

Field Sampling and Analysis Program

The field team conducting the assessment adhered to the field sampling and analysis program detailed below. It included specific requirements outlining the procedures to be followed in relation to sample handling, packaging, and shipping. It also set guidelines for field documentation procedures.

Sample Handling, Packaging, and Shipping Requirements

Upon collection, samples were placed into their appropriate sample containers. The exterior of the sample containers were wiped clean and affixed with the proper labeling. Samples collected at the site were uniquely labeled with an alphanumeric sample identifier. Sample label information was completed using waterproof black ink. The labels contained such information as:

- Sample identification based on the sampling location;
- Time and date of collection; and,
- Parameters to be analyzed;

Groundwater samples contained the date of sample collection and the sample number for the specific well number.

The samples were packaged, put on ice in a cooler and then sealed and shipped to the ALS Environmental Cincinnati, OH laboratory. Chain of custody documentation accompanied each group of samples submitted to the lab.

Field Documentation Procedures

The field team was required to maintain a field notebook. The field notebook was used to collect information on site conditions, personnel at the site, and other pertinent information. Drilling and well installation information were recorded on log forms. These forms are presented in Appendix B of this report.

3.1 December 2022 Investigation

During the December 2022 investigation, the on-site dwellings were occupied by residents who were entering or leaving their apartments. Each building across the subject property included slab-on-grade construction. Cracks were observed in multiple areas throughout the buildings. However, no large penetrations of the concrete floor were observed. Windows on the inside of the residential building were closed.

3.1.1 Soil Investigation

A subsurface investigation was conducted on December 19th and 21st, 2022 with the advancement of nine (9) soil bores (labeled 930 Mayfield-SB, 940 Mayfield-SB, 946 Mayfield-SB, 952 Mayfield-SB, 937 Ferndale-SB, 948 Ferndale-SB, 947-949 Ferndale-SB, 953-955 Ferndale-SB, & 956-958 Ferndale-SB) at the subject property. A total of one (1) soil sample was collected from each installed soil boring. It should be noted that during soil sampling activities, the parcel located at 950-956 Ferndale Place was mislabeled as 956-958 Ferndale in reference to the soil sample from this parcel. For the purposes of this investigation, samples labeled 950-956 Ferndale and 956-958 Ferndale originate from the same parcel.

The procedures for the sampling of soil borings listed above during this investigation are discussed below. Soil samples were analyzed by ALS Environmental, an Ohio EPA VAP certified laboratory. Analytical data and chain of custodies are provided in Appendix A of this report. Analytical data is summarized in Table 1 and locations of the soil bores are shown in Figures 2 and 3 of this report.

Soil sampling was conducted using an AMS Powerprobe 9410 direct push drilling rig with four (4) foot long continuous dual-tube sampling. The dual-tubes are disposable acetate sleeve liners.

Soil samples were collected in two (2) foot intervals and logged with respect to soil classification, color, moisture, and odor to depth ranging from zero (0) to twenty-four (24) feet below ground surface (bgs). Soil samples were selected for laboratory analysis based on a hierarchy of field observations. The highest readings recorded during soil screening from a Mini-RAE Photo-ionization Detector (PID)

were noted; if all PID results were close to background or equal then visual observations and/or olfactory indications of contamination were used to select the soil samples for analysis. If no visual observations of contamination were observed, then varying depth intervals (i.e. 2'-4', 4'-6' and 8'-10') were chosen within each area in order to obtain a representative soil analysis from each interval of the soil strata. Thus, by collecting a soil analysis from varying intervals, the entire soil strata of an area could be representatively analyzed for chemicals of concern.

Soil samples collected for laboratory analysis were placed in 4 oz. glass soil jars with Teflon lids and placed in an iced cooler. Samples selected for appropriate laboratory analysis were shipped to ALS Environmental, an Ohio EPA VAP certified laboratory (CL# 0054). Laboratory chain of custody documentation and analytical results are included in Appendix A of this report.

Boreholes were abandoned by filling with hydrated bentonite clay with the exception of boring locations which were converted to other sampling points (i.e. monitoring wells).

3.1.2 Groundwater Investigation

The groundwater media at the subject property was investigated by PANDEY during this investigation with the installation of five (5) permanent groundwater monitoring wells labeled 940 Mayfield-MW, 952 Mayfield-MW, 947-949 Ferndale-MW, 937 Ferndale-MW, and 948 Ferndale-MW. The location of these monitoring wells is depicted on Figures 2 and 4. All monitoring wells were finished with flush-mounted cement manhole covers. The results of the groundwater investigation are discussed in Section 4.4 of this report. Groundwater samples were analyzed by ALS Environmental, an Ohio EPA VAP certified laboratory (CL# 0054).

Analytical data and chain of custodies are provided in Appendix A of this report. Analytical data is summarized in Table 2 and the locations of the monitoring wells are also shown on Figures 2 and 4 of this report.

The construction, installation, and sampling of wells are discussed below.

An AMS Powerprobe 9410 rig was utilized to install the permanent groundwater monitoring wells designated as 940 Mayfield-MW, 952 Mayfield-MW, 947-949 Ferndale-MW, 937 Ferndale-MW, and 948 Ferndale-MW. The wells were advanced using larger diameter (4" diameter) hollow direct push rods. Rods were advanced to the desired depth and monitoring well construction items were then placed within the hollow rods as they were removed. 937 Ferndale-MW was installed to a depth of twenty-four (24) feet bgs, 940 Mayfield-MW and 952 Mayfield-MW were installed to a depth of twenty-two (22) feet bgs, and 947-949 Ferndale-MW and 948 Ferndale-MW were installed to a final depth of twenty (20) feet bgs. This is noted on the monitoring well bore logs provided in Appendix B.

The monitoring wells were constructed of two-inch inside diameter PVC Schedule 40 riser pipe with jointed threading and ten feet of 0.010-inch factory slotted PVC Schedule 40 screen and end cap. The annular space around the PVC pipe was filled with sand from total depth to two feet above the screen, and the remaining annular space was backfilled with hydrated sodium bentonite chips.

Figures 2 and 4 of this report depict the monitoring well locations. The monitoring wells were finished with protective cement manhole covers.

All wells were logged for their lithology as they progressed. 937 Ferndale-MW was screened from fourteen (14) to twenty-four (24) feet bgs, 940 Mayfield and 952 Mayfield-MW were screened from twelve (12) to twenty-two (22) feet bgs, and 947-949 Ferndale-MW and 948 Ferndale-MW were screened from ten (10) to twenty (20) feet bgs. The monitoring wells were screened in a brown sand & gravel lithology. The sand and gravel in this screened interval are fine to medium grained, poorly sorted, silty, and saturated with depth. The monitoring well logs are presented in Appendix B of this report.

Groundwater samples were collected from all monitoring wells on December 22, 2022 and analyzed for the appropriate parameters. Each monitoring well sample was collected using a peristaltic pump and low flow sampling techniques. The groundwater samples were placed in an iced cooler for transport to ALS Environmental.

Sampling forms are included in Appendix B of this report.

3.1.3 Soil Gas / Sub-slab Vapor Investigation

The Sampling and Analysis Plan (discussed in Section 1.3) did not include sampling of the soil gas media during this investigation. Rather, the investigation was to include one (1) sub-slab vapor pin in each on-site dwelling across the subject property. However, after multiple unsuccessful attempts were made to enter and install a vapor pin at many of the residences, a soil gas probe was installed around the exterior of the dwelling at each residence with the exception of the residences located at 930 Mayfield Place and 952 Mayfield Place where a vapor pin was installed. The soil gas probes were labeled 940 Mayfield-SG, 946 Mayfield-SG, 948 Ferndale-SG, 937 Ferndale-SG, 947-949 Ferndale-SG, 953-956 Ferndale-SG, and 950-956 Ferndale-SG. The vapor pins were labeled 930 Mayfield-SV and 952 Mayfield-SV. The locations of the soil gas probes and vapor pins are depicted on Figures 2 and 5. The results of the soil gas / sub-slab investigation are discussed in Section 4.4 of this report. The soil gas / sub slab samples were analyzed by ALS Environmental, an Ohio EPA VAP certified laboratory (CL# 0054).

Analytical data and chain of custodies are provided in Appendix A of this report. Analytical data is summarized in Table 3 and the locations of the air and soil gas probes are also shown on Figures 2 and 5 of this report.

An AMS Powerprobe 9410 rig was utilized to install the soil gas probes. The probes were advanced using 2.25 inch rods by direct-push method. The probes were advanced to a total depth of between six (6) to eight (8) feet below ground surface (bgs). The soil gas probes were constructed of ¼" poly tubing with the bottom foot of the tubing being perforated to act as a screen in the designated sampling interval.

The depth chosen to set the soil gas probes on-site was determined by setting it in the shallowest, dry soil horizon. According to Ohio EPA Technical Guidance, soil gas probes cannot be installed at depths shallower than five (5) feet bgs in order to prevent the risk of "short-circuiting" with ambient air. Thus, the six (6) to eight (8) foot soil horizon was chosen to set each soil gas probe.

For each soil gas probe installed, sand was added from the bottom of the screen to one foot above the top of the perforations, and the remaining annular space was backfilled with hydrated granulated sodium bentonite. Figures 3 and 5 of this report present the soil gas probe location, along with locations of the sub-slab vapor pins installed at the other dwellings. A stopcock was placed on the top of the tubing at the surface, which was placed under a safety cone after installation.

A peristaltic pump was used to purge the tubing prior to sampling to ensure that no water was collected in screened interval of the soil gas probe. A four gas meter was used to measure oxygen, carbon monoxide, hydrogen sulfide and LEL (methane) parameters for approximately sixty (60) seconds prior to beginning the soil gas sampling and weather parameters were documented on the sampling form. Soil gas samples were collected from the probes and analyzed for TO-15 parameters. The soil gas probe was sampled using a 6 liter summa canister with time-integrated (8-hour) samples. The soil gas samples were shipped to the ALS Environmental Cincinnati (CL# 0054) laboratory for analysis of TO-15 parameters.

Sampling forms are included in Appendix B of this report.

Sub-slab vapor collection points were installed to a depth just below the base of the concrete slab using a hammer drill. A 0.25-inch brass fitting was cemented into the probe location. Vapor sampling was conducted after a period of at least 24 hours to allow for recovery of subsurface vapors. A rubber seal was placed on the top of each vapor pin, which was placed under a protective flush-mounted plastic cover after installation. A peristaltic pump was used to purge the vapor points following installation to ensure that no water was collected in the sub-slab probe area.

A four gas meter was used to measure oxygen, carbon dioxide, hydrogen sulfide and methane (%LEL) parameters for approximately sixty (60) seconds prior to the sub-slab sampling, and a photoionization detector (PID) was used to screen the points as well prior to beginning sampling. It was observed that the oxygen content did not decrease below atmospheric levels during the sampling event. Normally, this would indicate that the vapor pin was not installed with a proper seal. However, a leak test determined that the pins were properly installed and that the observed concentration of sub-slab parameters (including oxygen) were likely the result of a void space underneath the building slab. As

described earlier in this report, the subject property has a very uneven terrain and the building foundations and walls show visual signs of subsurface movement / settling. It is likely that subsurface settling and shifting has created a void space under the concrete building slabs of the apartment buildings. This is not uncommon in landfill sites and is not considered to be a quality control issue for the sub-slab vapor sample collection, as the vapors collected from the sub-slab media are representative of what vapors may be intruding to indoor air of the on-site residential buildings.

Indoor air and weather parameters were documented on the sampling forms. Sub-slab samples were collected from the vapor pins and analyzed for TO-15 parameters. All sub-slab vapors were collected as time-integrated (8-hour) samples using a 6-liter summa canister with a pre-calibrated flow regulators provided by ALS Environmental. The sub-slab samples were shipped to the ALS Environmental Cincinnati (CL# 0054) laboratory for analysis of TO-15 parameters.

4.0 PHASE II FINDINGS

4.1 Regional Geology and Hydrogeology

A review of the Soil Survey of Franklin County was conducted utilizing the USDA Natural Resources Conservation Service website (http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx). According to the Soil Survey, the subject property is located in an urban land complex. Specifically, 64.1% of the subject property Bennington-Urban Land Complex, and approximately 35.9% is Cardington-Urban Land Complex. This indicates that nearly 100% of the predominant soil type has been disturbed and covered with an impervious layer consisting of buildings, streets, sidewalks and other structures.

The "Groundwater Resources Map of Franklin County" (James S. Schmidt, 1952) indicates that the subject property is located in an area in which "Very limited and often quite shallow glacial deposits of sand and gravel overlying shale bedrock of eroded ancestral drainage channel. Potential yields may not exceed 5 gallons per minute at depths of 15 to 35 feet."

Based upon USGS topographical maps, shallow groundwater flow is expected to follow the ground level slope of surface elevations towards the nearest open body of water or intermittent stream. The groundwater flow was expected to be west to southwest based on topography towards Alum Creek, located approximately 0.12 miles west of the property. It should be noted that the groundwater flow direction to the west towards Alum Creek had been confirmed by PANDEY during previous investigations performed in the immediate vicinity of the subject property.

PANDEY also reviewed the well logs of water wells installed near the subject property as maintained by Ohio Department of Natural Resources, Division of Water. According to these records, there are no oil / gas well permits identified within one (1) mile of the subject property. Also according to ODNR records, an approximate total of eighteen (18) registered water wells were within 0.5 miles of the subject property. These wells range in depth from approximately 15 to 300 feet deep in formations of sand & gravel, clay, fill, shale and limestone bedrock. It appears that a shallow groundwater zone exists at approximately 17 to 20 feet below ground surface (bgs) within sand and gravel near the

subject property. The majority of the ODNR well logs are related to monitoring wells that are being used for environmental monitoring of the groundwater media in the area. No ODNR wells currently exist on the subject property itself. ODNR well log documentation is included in Appendix D of this report.

4.2 Property-Specific Geology and Hydrogeology

According to USGS topographic maps, the subject property is located approximately 759 feet above mean sea level. Elevations dip and are uneven across the subject property. The dips and inconsistent elevation changes observed across the site are evidence of subsurface settling and movement. The nearest surface water feature is Alum Creek, located approximately 0.12 miles west of the subject property. Bore logs showing specific soil descriptions are contained in Appendix B of this report.

A potentiometric surface map was generated during this investigation. It appears that the localized groundwater flow direction at the subject property is to the south as displayed on Figure 7. However, groundwater elevations at the subject property are within 0.08 feet. Therefore, the potentiometric flow direction on a larger scale could produce a different direction of groundwater flow. Based on information gathered during previous environmental and groundwater investigations performed along the Ferndale-Mayfield Place corridor (on properties located adjacent to the subject property), the predominant groundwater flow direction is likely flowing to the west towards Alum Creek.

4.3 QA/QC Data Review

No control issues or discrepancies were noted which would have had the potential to impact the findings of this report.

All groundwater analyses were evaluated to ensure that laboratory method detection limits (MDLs) were not higher than the MCL/GUPUS standards as presented in Appendix F of this report.

There were multiple instances where the MDLs or reporting limits for 2-acetylaminofluorene, 4-aminobiphenyl, benzidine, bis(2-chloroethyl) ether, cadmium, 1,2-dibromo-3-chloropropane, 1,2-

dibromoethane, dimethylamino azobenzene, 7,12-dimethylbenz(a)anthracene, 2,6-dinitrotoluene, hexachlorobutadiene, 3-methylcholanthrene, 2-naphthylamine, nitrobenzene, N-nitrosodiethylamine, N-nitrosodimethylamine, N-nitroso-di-N-butylamine, N-nitroso-di-N-propylamine, N-nitrosomorpholine, N-nitrosopiperidine, N-nitrosopyrrolidine, pentachlorophenol, 1,1,2,2-Tetrachloroethane, 1,2,3-trichloropropane, and 1,2-dibromoethane that were higher than their respective GUPUS, as listed in Appendix F.

These instances were not chemicals of concern at the subject property, but were included in a larger laboratory analytical suite. Additionally, there were no detections above the reporting limits (RL) in any of the nine (9) soil samples analyzed for these compounds on the subject property during this investigation, in which case the VAP Generic Direct Contact Soil Standard (GDCSS) was higher than the RL with the exception of benzidine, 7,12-dimethylbenz(a)anthracene, N-nitrosodiethylamine. As such, there is no reason to anticipate the presence of any of these listed chemicals of concern in groundwater, and reporting limits are considered acceptable for these compounds.

All soil analyses were evaluated to ensure that laboratory method detection limits (MDLs) were not higher than the VAP Generic Direct Contact Soil Standard (GDCSS) as presented in Appendix F of this report.

There were multiple instances where the MDLs or reporting limits for benzidine, 7,12-dimethylbenz(a)anthracene, N-nitrosodiethylamine that were higher than their associated standards as listed in Appendix F. These instances were not chemicals of concern at the subject property, but were included in a larger laboratory analytical suite. Therefore, there is no reason to anticipate the presence of any of these listed chemicals of concern in groundwater, and reporting limits are considered acceptable for these compounds.

All soil gas / sub-slab analyses were evaluated to ensure that laboratory method detection limits (MDLs) were not higher than the Ohio EPA VISL Target Sub-Slab and Exterior Soil Gas Screening Levels for residential land use as presented in Appendix F of this report.

There were multiple instances where the MDLs or reporting limits for 1,2-dibromoethane that were higher than their Ohio EPA VISL soil gas / sub-slab residential target value as listed in Appendix F. This instance was not a chemical of concern at the subject property, but was included in a larger laboratory analytical suite. Therefore, there is no reason to anticipate the presence of any of these listed chemicals of concern in soil gas, and reporting limits are considered acceptable for these compounds.

4.4 Identification and Evaluation of Chemicals of Concern

Various chemicals of concern have been identified in the soil, groundwater, soil gas, and sub-slab vapor media at the subject property during the December 2022 Limited Phase II Property Assessment. The following discusses the detections of these chemicals. Locations of soil, groundwater, sub-slab and soil gas sample locations are shown on Figures 2 through 5 and analytical results are presented on Tables 1 through 3 of this report. References to soil standards in the following discussion are to the Ohio VAP Generic Direct Contact Soil Standards for residential / unrestricted land use.

On-Site Soils

The soils across the site were investigated by PANDEY during site investigations conducted in December, 2022 through the advancement of nine (9) soil borings labeled 930 Mayfield-SB, 940 Mayfield-SB, 946 Mayfield-SB, 952 Mayfield-SB, 937 Ferndale-SB, 948 Ferndale-SB, 947-949 Ferndale-SB, 953-955 Ferndale-SB, and 956-958 Ferndale-SB. The borings were installed at a rate of one (1) boring per parcel comprising the subject property, as shown on Figure 2.

The soil borings were installed to a depth of approximately sixteen (16) to twenty-four (24) feet bgs. One (1) soil sample was collected from each installed soil boring across the subject property. A total of nine (9) soil samples were submitted for laboratory analysis. The soil samples selected for laboratory analysis were based upon visual observations and olfactory indications of contamination and readings from a MiniRAE 2000 Photoionization Detector (PID) as recorded on the soil boring logs provided in Appendix B of this report. Samples collected from all borings were analyzed for SVOCs and RCRA Metals. None of the samples were submitted for laboratory analysis of VOCs based on the lack of detections observed during screenings of the soils with a PID in the field. All screening results were

near or at background levels and, thus, were not submitted for analysis of VOCs. Various fill materials including glass fragments, ceramic, clay tile, bricks, and cinders were observed at various depths ranging from 0' to approximately 10' bgs across the subject property. This is consistent with observations noted in previous investigations performed on adjacent properties, described in Section 1.2. The fill materials confirm that the subject property is located on a former landfill area.

Laboratory analysis of all soil samples detected chemicals above laboratory reporting limits including metals (particularly Arsenic, Chromium, Lead, and Mercury) and Semi-Volatile Organic Compounds, particularly Poly-Aromatic Hydrocarbons (PAHs) such as Benzo(a)pyrene. Multiple detections of Arsenic, Chromium and Lead and a single detection of Mercury was detected in exceedance of the applicable VAP Generic Direct Contact Soil Standard (GDCSS) for residential /unrestricted land use. Additionally, a single detection of the PAH Benzo(a)pyrene was detected in exceedance of the applicable VAP GDCSS for residential /unrestricted land use. However, all other detections of Metals and SVOCs were below the applicable VAP soil standards.

The results of soil sampling across the property indicate that the soils underlying the property have been impacted by historical landfill / dumping operations.

On-Site Sub-Slab and Soil Gas Sampling

The historical presence of a landfill on the subject property, along with the history of active dumping occurring on adjacent properties presented a potential of subsurface vapor media impact from petroleum and hazardous substances. Chemicals of concern in this area included VOCs (TO-15 parameters), hydrogen sulfide, and methane gases.

This area was investigated by PANDEY during site investigations conducted in December, 2022 through the installation of seven (7) soil gas probes and two (2) sub-slab vapor pins.

The soil gas probe points were installed on the subject property on December 19-20, 2022 in order to investigate potential soil vapor or landfill gas contamination at the subject property. The soil gas probes were installed around the exterior of the dwelling at each residence with the exception of the

residences located at 930 Mayfield Place and 952 Mayfield Place where a vapor pin was installed. Soil gas probes were installed by an AMS Powerprobe 9410 rig. The probes were advanced using 2.25 inch rods by direct-push method. The probes were advanced to a total depth of between six (6) to eight (8) feet below ground surface (bgs). The soil gas probes were constructed of ¼" poly tubing with the bottom foot of the tubing being perforated to act as a screen in the designated sampling interval. The vapor pins were installed in the ground concrete slab of the bottom floor landing of designated apartment buildings. The vapor samples collected from these points on December 30, 2022 and January 4, 2023 were submitted for laboratory analysis of TO-15 parameters (VOCs). Additionally, each point was screened using the four-gas meter and PID after installation to monitor parameters including volatiles (VOCs), hydrogen sulfide, oxygen, methane (%LEL) and carbon monoxide. It should be noted that after installing the sub-slab vapor pin at 930 Ferndale Place, access could not be regained to perform the sampling. As a result, no sample was collected from this building. However, based on results of the sub-slab and soil gas vapor samples collected from buildings adjacent to this location, the lack of a sample from 930 Ferndale Place is not considered a data gap.

Laboratory analysis of the seven (7) collected soil gas probe points and the one (1) sub-slab vapor point detected multiple chemicals above laboratory reporting limits, including Benzene, 1,2,4-Trimethylbenzene, Toluene and Xylenes in most samples. However, no chemicals of concern were detected in exceedance of their applicable target sub-slab screening level as designated in the Ohio EPA Promulgated Vapor Intrusion Screening Level Calculator (VISL) sub-slab / soil gas target value for unrestricted or residential land use.

The results of vapor sampling across the property indicate that the vapor media underlying the on-site buildings show that although multiple chemicals of concern were detected above laboratory detection limits, no detections were above their associated VISL) sub-slab / soil gas target value for unrestricted or residential land use. Additionally, it should be noted that methane gas was not observed above its action threshold of 5% LEL (which would indicate a potential hazard to human health) and hydrogen sulfide was not observed at any of the monitoring points during the screening events performed across the soil gas probes and sub-slab pin. This information is summarized on Figure 7 and on Table 4.

Site-Wide Groundwater

This area was investigated by PANDEY during site investigations conducted in December, 2022 through the installation of five (5) permanent monitoring wells labeled 940 Mayfield-MW, 952 Mayfield-MW, 947-949 Ferndale-MW, 937 Ferndale-MW, and 948 Ferndale-MW. The wells were installed to a final depth of approximately twenty (20) to twenty-four (24) feet bgs, in a brown sand & gravel water-bearing lithology.

The groundwater monitoring wells were installed on the subject property in December, 2022 in order to investigate potential groundwater contamination. The five (5) monitoring wells were to be installed at the shared boundaries between the parcels comprising the subject property as shown on Figure 2. The groundwater samples collected from these wells on December 22, 2022 were submitted for laboratory analysis of Metals, SVOCs and VOCs.

Laboratory analysis of 940 Mayfield-MW, 952 Mayfield-MW, 947-949 Ferndale-MW, 937 Ferndale-MW, and 948 Ferndale-MW detected Barium and Arsenic above laboratory reporting limits. The detection of Barium was 140 ug/L in 940 Mayfield-MW which is below the applicable VAP Generic Unrestricted Potable Use Standard (GUPUS) of 2,000 ug/L. The detection of Arsenic was 14 ug/L in 947-949 Ferndale-MW which is above the applicable VAP Generic Unrestricted Potable Use Standard (GUPUS) of 10 ug/L. No other detections of metals in the monitoring wells were observed. No detections of SVOCs or VOCs were observed in either groundwater sample.

The results of groundwater sampling across the property indicate that the groundwater underlying the property may be impacted by historical landfill / dumping operations. Arsenic was detected in shallow soils above the VAP GDCSS for residential / unrestricted land use and could be a source for groundwater contamination through the leaching pathway.

5.0 CONCLUSIONS

This Limited Phase II Property Assessment was conducted to identify the presence or absence of subsurface contamination in the soil, groundwater, and soil gas media, from the impact of RCRA 8 Metals, VOCs, SVOCs and landfill gases such as methane and hydrogen sulfide. Analysis and interpretation of data gathered as part of this property assessment has led to the following conclusions:

- Multiple detections of chemicals of concern were reported in soil samples. Detections of RCRA Metals (Arsenic, Chromium, Lead, and Mercury) were observed above applicable VAP Generic Direct Contact Soil Standards (GDCSS) for residential / unrestricted land use. Exceedances of the applicable VAP GDCSS for residential / unrestricted land use pf RCRA metals were found in all soil borings. Additionally, a single detection of the Poly-Aromatic Hydrocarbon (PAH) Benzo(a)pyrene was observed above the applicable VAP GDCSS for residential land use in the boring 930 Mayfield-SB. All of the observed exceedances of metals and PAHs in the soil media were detected in the 2'-4' soil horizon across the subject property. This indicates that soils underlying the property have been impacted by historical landfill / dumping operations.
- Groundwater samples were collected from five (5) on-site monitoring wells labeled 940 Mayfield-MW, 952 Mayfield-MW, 947-949 Ferndale-MW, 937 Ferndale-MW, and 948 Ferndale-MW and were submitted for analysis of Metals, Semi-Volatile Organic Compounds (SVOCs) and Volatile Organic Compounds (VOCs). No SVOCs or VOCs were detected above laboratory reporting limits in either sample. Two detections above laboratory detection limits were exhibited, barium at 940 Mayfield-MW and arsenic at 947-949 Ferndale-MW. The detection of Barium was observed at a level below the applicable VAP Generic Unrestricted Potable Use Standard of 2,000 ppb. However, the detection of Arsenic was observed at a level above the applicable VAP Generic Unrestricted Potable Use Standard of 10 ppb. This indicates that the groundwater underlying the central portion of the property may be impacted by historical landfill / dumping operations.
- A sub-slab sample collected from the 952 Mayfield-SB location exhibited detections of multiple VOCs above laboratory reporting limits. However, all detections were below the

acceptable sub-slab concentration limits as obtained from the Ohio EPA promulgated Vapor Intrusion Screening Level (VISL) Calculator for unrestricted or residential land use.

- Soil gas probes were installed to an approximate depth of six (6) - eight (8) feet below ground surface (bgs) across the subject property. Soil gas probes were installed around the exterior of the building when a sub-slab vapor pin could not be installed. The soil gas samples collected exhibited detections of multiple VOCs, including Benzene, Ethylbenzene, Toluene, 1,2,4-trimethylbenzene, and Xylenes, above laboratory reporting limits. However, all detections were below the acceptable exterior soil gas target concentration limits as obtained from the Ohio EPA promulgated Vapor Intrusion Screening Level (VISL) Calculator for unrestricted or residential land use.
- Screening levels for landfill gasses (methane and hydrogen sulfide) were collected from the soil gas probes across the property on January 3, 2023 and again on January 16, 2023. The screening events were performed in order to monitor the presence of potentially harmful landfill gases at the subsurface vapor sampling locations installed across the subject property. A four-gas meter utilized to record levels of oxygen, carbon monoxide, hydrogen sulfide and methane (%LEL) along with a Photoionization Detector (PID) calibrated to 100 ppm isobutylene were used to screen the sampling points during these events. Results of the screening events determined that no concentrations of landfill gases such as hydrogen sulfide or methane were observed above their respective action thresholds of 0.1 ppm and 5% LEL.
- All soil samples collected during this Limited Phase II Property Assessment were collected from the two (2) to four (4) feet below ground surface as this 2 ft section of the soil bore appeared to be the most contaminated. This determination was made either through a visual observation of the sample, through the PID screenings, or through an olfactory screening. Due to the limited scope of the project, only 1 sample was collected per soil bore. However, this does not imply that the shallower soil zone in the 0 to 2 feet below ground surface or any other soil zone is unimpacted by the former landfill operations.
- The soil bores installed at the property were approximately two inches in diameter and were limited in their ability to explore the landfill mass due to their small size. However, during installation of the concrete pads for the wells, an approximate area of 2’ x 2’ x 6” was removed with a shovel around each well casing where the concrete was poured. During soil removal,

several intact glass bottles, glass shards, and metal shavings were found at multiple locations. This observation confirms that the subject property is located on a former landfill.

- The detections in soil samples exceed the VAP residential GDCSS for arsenic, chromium, lead, mercury, and benzo(a)pyrene on a single chemical basis. This means that the individual chemical of concern exceeds the individual chemical standard as promulgated by the VAP. However, if an adjustment were to be performed for the presence of multiple chemicals in a sample, the risk associated with those chemicals would be synergistically more than the risk that is presented on a single chemical comparison. The conduct of a multiple chemical risk assessment is outside the scope of this assessment. However, in our opinion, the risk as presented in this report from the soil contamination is underestimated as it does not account for the cumulative risk from multiple chemicals of concern.

Based on this Limited Phase II Property Assessment, levels of Lead, Arsenic, Chromium, Mercury, and Benzo(a)pyrene exceed their corresponding VAP single chemical direct contact standards for residential or unrestricted land use in on-site soils. Furthermore, the compound arsenic exceeded the associated VAP groundwater standard in a centrally located monitoring well. It is our opinion that the nine (9) parcels comprising the subject property are located on a former undocumented landfill area. This judgment is based on visual site observations as well as after review of laboratory analytical data.

6.0 STATEMENT OF LIMITATIONS AND QUALIFICATIONS

The subject property has been examined based on best professional judgment and current Phase II Property Assessment evaluation methods. These methods include requirements of the Ohio Voluntary Action Program, ASTM Standards, and other professional site assessment guidelines.

The evaluations, assessments, and conclusions stated in this report represent judgment and/or opinions which are based solely upon visual and analytical observations made during the site investigation and public records search including information from previous environmental investigations.

Any reuse of this information, assessment, or conclusions contained herein by parties other than those mentioned in Section 1 of this report, shall be at the sole risk or liability of the party undertaking the reuse of this information.

PANDEY makes no claim that the areas of contamination discovered as a result of the limited Phase II Property Assessment investigations represent the only possible areas of contamination at the site. The sampling locations were chosen based on a review of historical resources, previous environmental assessments, interviews, and a visual site reconnaissance.

Evidence has not been provided to PANDEY which suggests the likelihood of contamination at areas of the property other than those investigated to date. However, undocumented and/or unreported spills and/or releases which may have the potential to negatively impact the subject property may have occurred at the subject property over the course of its history.

FIGURES

Parcel / Property Boundaries

N

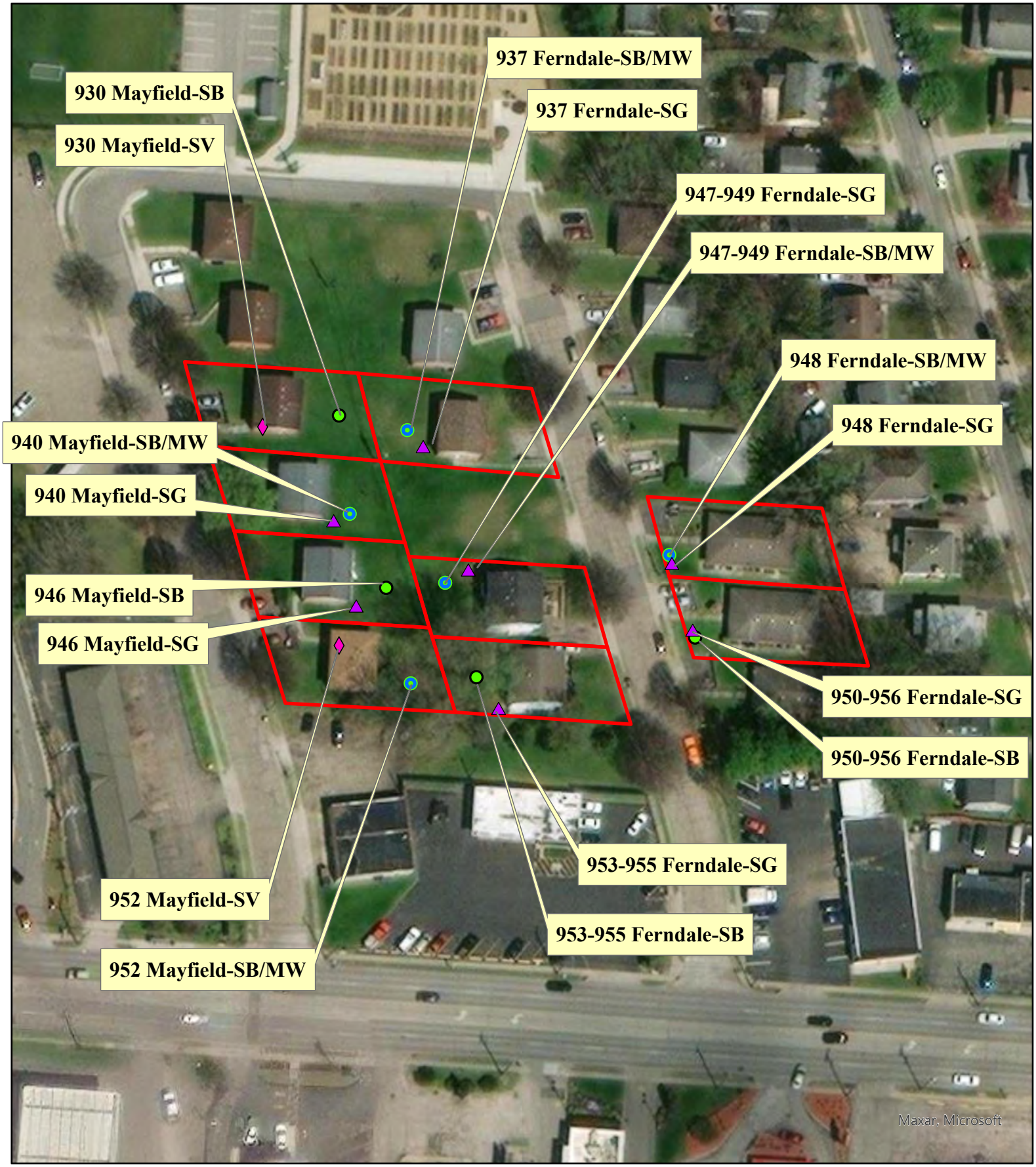
0 15 30 60 90 120 Feet

Bexley Ferndale-Mayfield Properties
Bexley, Ohio 43209

Figure 1
Property Location and Parcels Map

PANDEY
ENVIRONMENTAL, LLC

6277 Riverside Drive; Suite Two South
Dublin, Ohio 43017
614-444-8078
www.pandeyenvironmental.com



Sampling Locations

- Soil Bore
- Soil Bore / Monitoring Well
- Soil Gas Point
- Sub-Slab Point
- Parcel / Property Boundaries

N

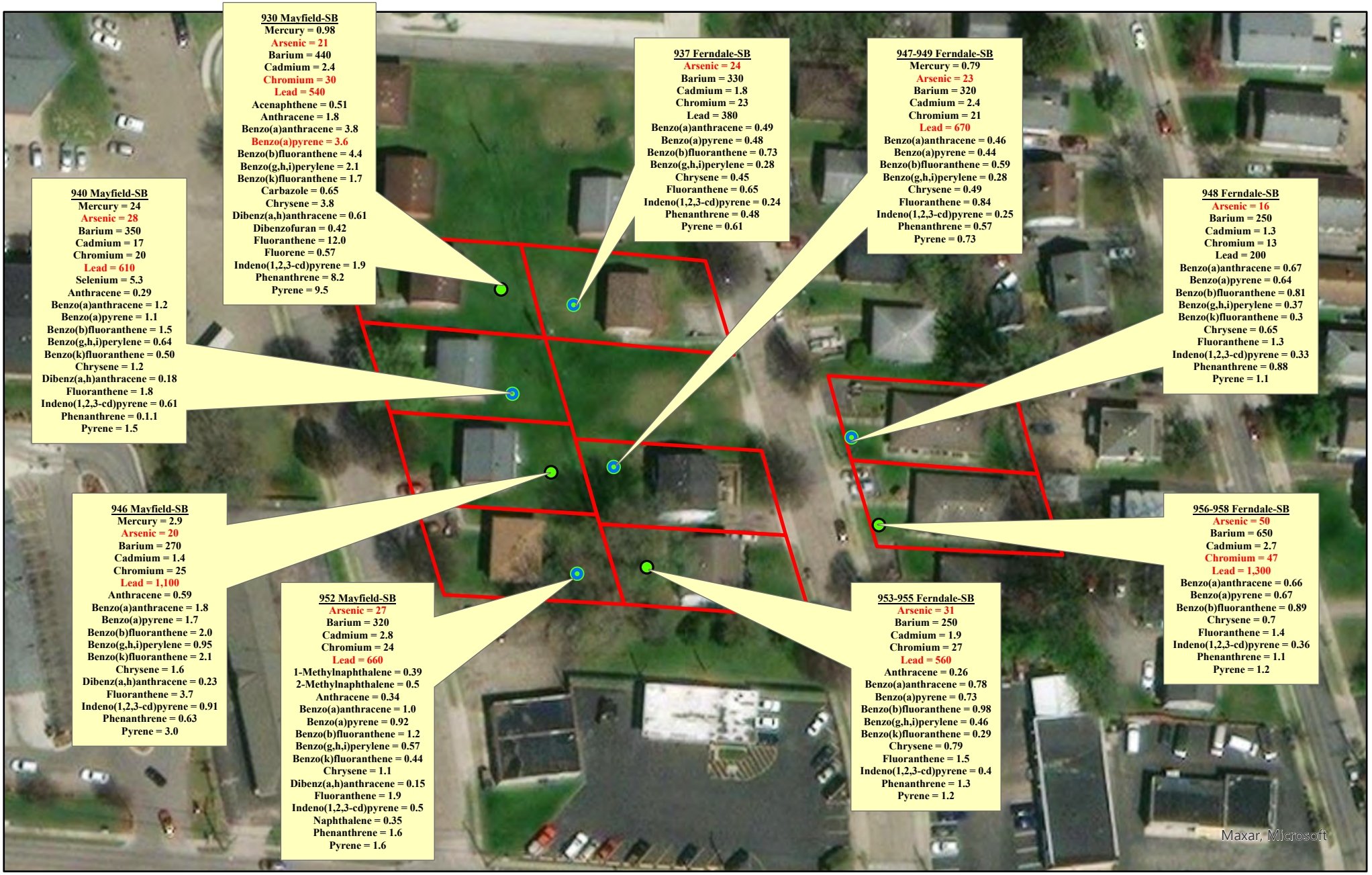
0 25 50 100 150 200 Feet

Bexley Ferndale-Mayfield Properties
Bexley, Ohio 43209

Figure 2
Soil, Groundwater, Sub-slab Vapor and Soil Gas Sampling Locations Map

PANDEY
ENVIRONMENTAL, LLC

6277 Riverside Drive; Suite Two South
Dublin, Ohio 43017
614-444-8078
www.pandeyenvironmental.com



Sampling Locations

- Soil Bore
- Soil Bore / Monitoring Well
- Parcel / Property Boundaries

All data in mg/kg
RED Denotes detection above VAP GDCSS for Residential Land Use

N

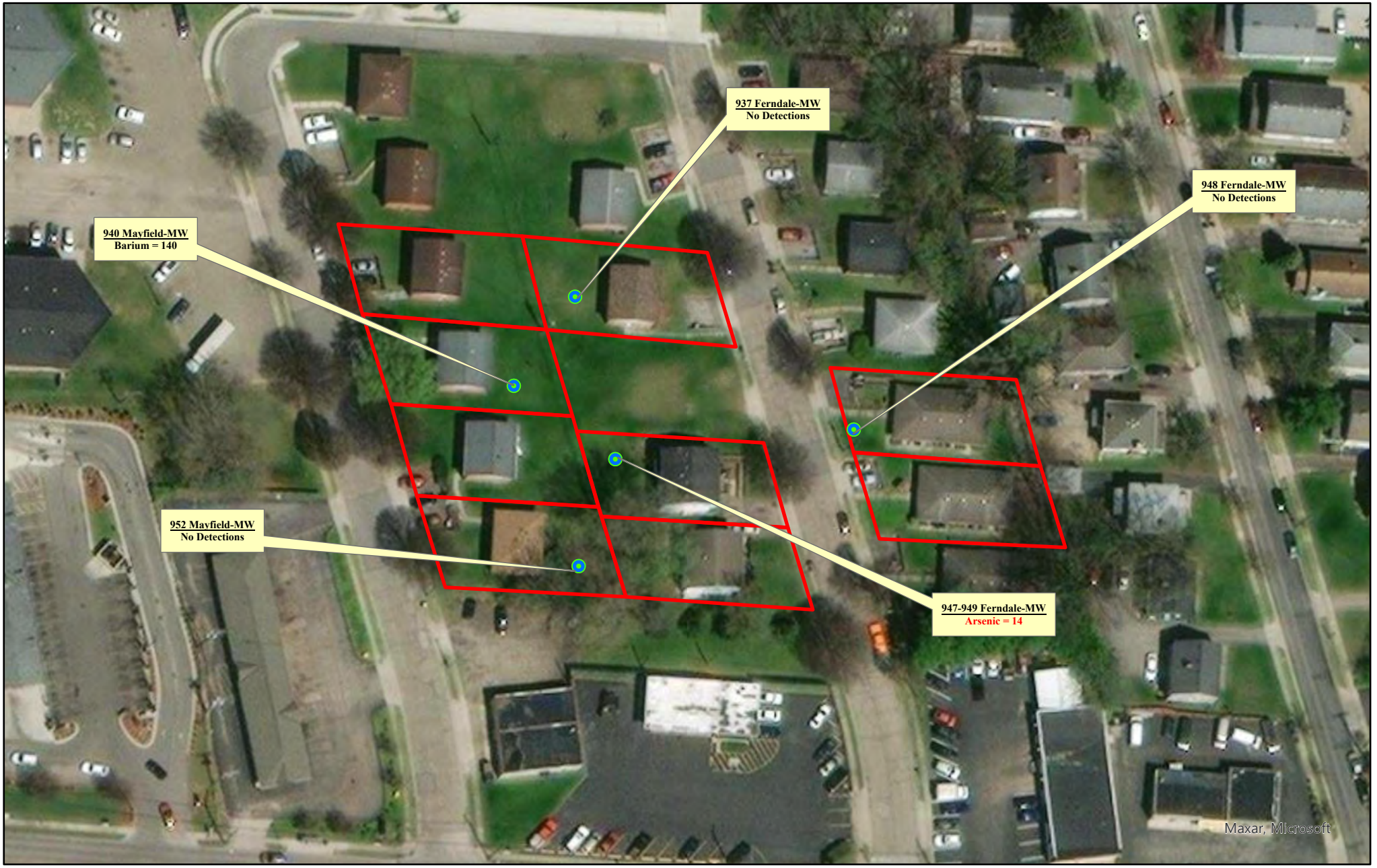
0 25 50 100 150 200 Feet

Bexley Ferndale-Mayfield Properties
Bexley, Ohio 43209

Figure 3
Soil Analytical Data Map

PANDEY
ENVIRONMENTAL, LLC

6277 Riverside Drive; Suite Two South
Dublin, Ohio 43017
614-444-8078
www.pandeyenvironmental.com



Sampling Locations

- Monitoring Well
- Parcel / Property Boundaries

All data in ug/L
RED Denotes detection above VAP UPUS

N

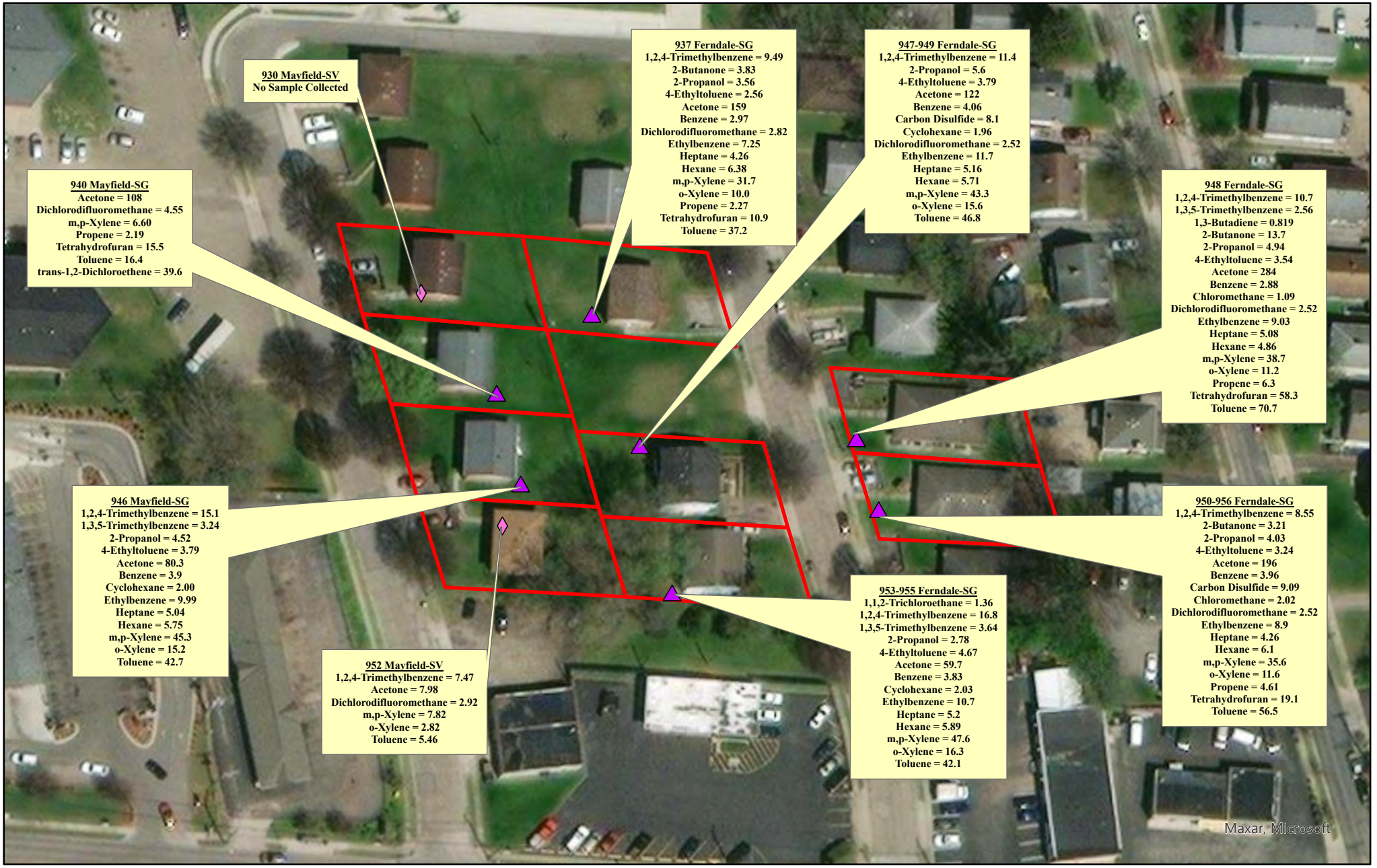
0 25 50 100 150 200 Feet

Bexley Ferndale-Mayfield Properties
Bexley, Ohio 43209

Figure 4
Groundwater Analytical Data Map

PANDEY
ENVIRONMENTAL, LLC

6277 Riverside Drive; Suite Two South
Dublin, Ohio 43017
614-444-8078
www.pandeyenvironmental.com



Sampling Locations

- Soil Gas Point
- Sub-Slab Point
- Parcel / Property Boundaries

All data in mg/kg
RED Denotes detection above VISL Sub-Slab / Soil Gas Target Value for Residential Land Use

N

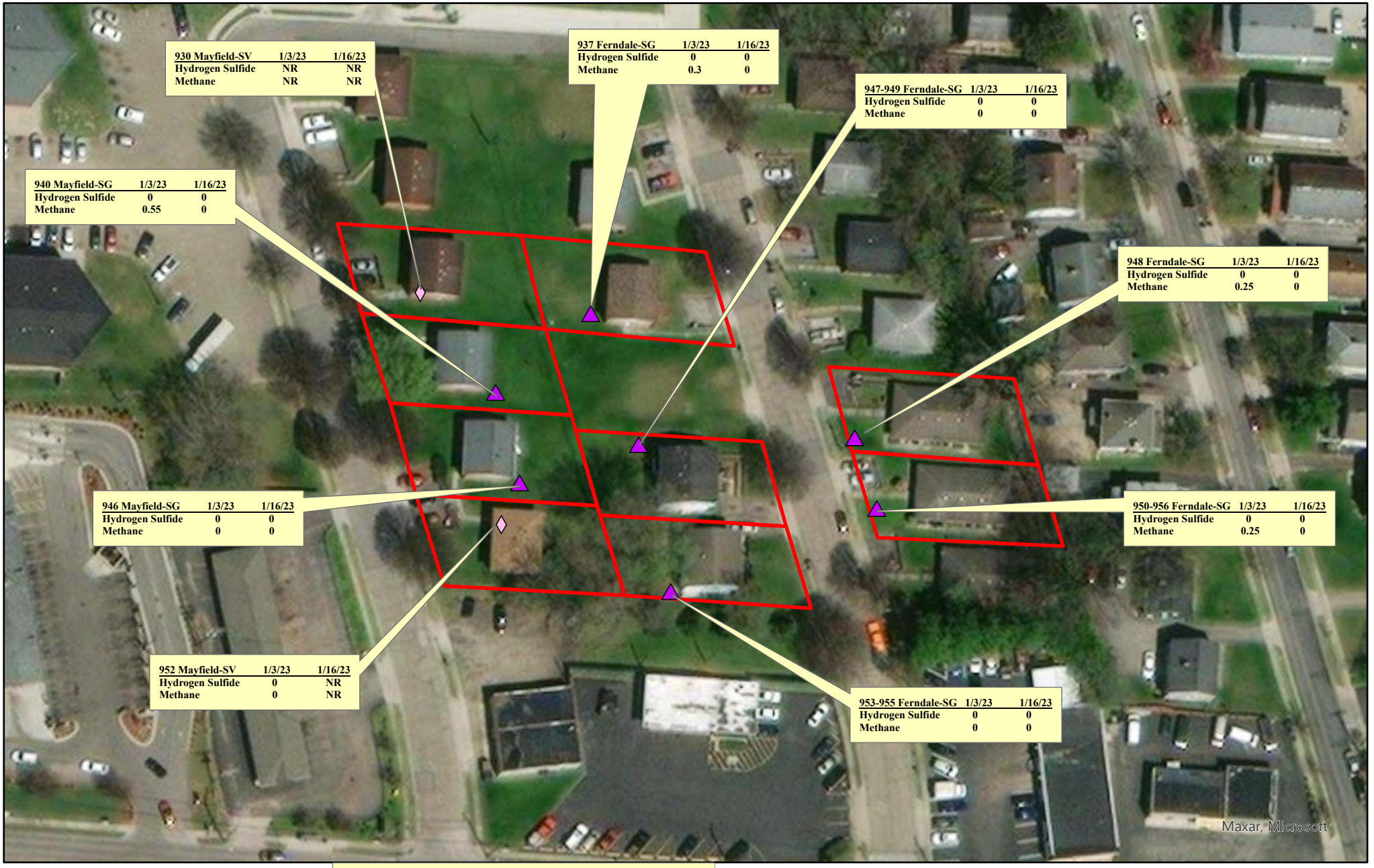
0 25 50 100 150 200 Feet

Bexley Ferndale-Mayfield Properties
Bexley, Ohio 43209

Figure 5
Sub-Slab & Soil Gas Analytical Data Map

PANDEY
ENVIRONMENTAL, LLC

6277 Riverside Drive; Suite Two South
Dublin, Ohio 43017
614-444-8078
www.pandeyenvironmental.com



Sampling Locations

SampleType

- SG
- SS
- Parcel / Property Boundaries

Hydrogen Sulfide results are listed in PPM.
Methane results are listed in %LEL.
NR = Denotes no reading taken due to non-access.
Results listed in **BOLD** indicate an exceedance of applicable action levels.

N

0 25 50 100 150 200 Feet

Bexley Ferndale-Mayfield Properties
Bexley, Ohio 43209

Figure 6
Methane and Hydrogen Sulfide Screening Data Map

PANDEY
ENVIRONMENTAL, LLC

6277 Riverside Drive; Suite Two South
Dublin, Ohio 43017
614-444-8078
www.pandeyenvironmental.com

Sampling Locations

SB-MW

Parcel / Property Boundaries

Potentiometric Surface

Flow Direction

Potentiometric Line

N

0 25 50 100 150 200 Feet

Bexley Ferndale-Mayfield Properties
Bexley, Ohio 43209

Figure 7
Potentiometric Surface Map

PANDEY
ENVIRONMENTAL, LLC

6277 Riverside Drive; Suite Two South
Dublin, Ohio 43017
614-444-8078
www.pandeyenvironmental.com

TABLES

TABLE 1: SUMMARY OF SOIL SAMPLING DATA

TABLE 2: SUMMARY OF GROUNDWATER SAMPLING DATA

TABLE 3: SUMMARY OF SUB-SLAB & SOIL GAS SAMPLING DATA

TABLE 4: SUMMARY OF METHANE AND HYDROGEN SULFIDE SCREENINGS

Table 1: Summary of Soil Sampling Data

PANDEY
ENVIRONMENTAL, LLC

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

Chemical Name	952 Mayfield-SB 2-4' (12/19/22)	953-955 Ferndale-SB 2-4' (12/19/22)	947-949 Ferndale-SB 2-4' (12/19/22)	937 Ferndale-SB 2-4' (12/19/22)	946 Mayfield-SB 2-4' (12/19/22)	930 Mayfield-SB 2-4' (12/19/22)	940 Mayfield-SB 2-4' (12/19/22)	956-958 Ferndale-SB 2-4' (12/21/22)	948 Ferndale-SB 2-4' (12/21/22)	GDCSS Res.	GDCSS Comm.	GDCSS Const.
Metals & Inorganic Analytes												
Arsenic, Inorganic	27	31	23	24	20	21	28	50	16	14	100	760
Barium and Compounds	320	250	320	330	270	440	350	650	250	30000	760000	350000
Cadmium	2.8	1.9	2.4	1.8	1.4	2.4	17	2.7	1.3	140	3300	710
Chromium, Total	24	27	21	23	25	30	20	47	13	27	240	1300
Lead and Compounds	660	560	670	380	1100	540	610	1300	200	400	800	400
Mercury and Compounds	<0.35	<0.36	0.79	<0.37	2.9	0.98	24	<0.66	<0.29	3.1	3.1	3.1
Selenium	<3.7	<3.4	<3.8	<3.7	<3.6	<4.1	5.3	<6.4	<3	780	23000	12000
Silver	<6.1	<5.7	<6.4	<6.2	<6	<6.9	<5.5	<11	<5	780	23000	12000
Pesticides												
Safrole	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	49	320	5100
Herbicides												
Dinoseb	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	130	2500	1600
Pentachlorophenol	<2.1	<2.1	<2.2	<2.1	<2.2	<2.3	<1.9	<3.7	<1.7	20	100	1000
Volatile Organic Compounds (VOCs)												
Dichlorobenzene, 1,2-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	380	380	380
Dichlorobenzene, 1,3-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	n/a	n/a	n/a
Dichlorobenzene, 1,4-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	65	290	2600
Pentachloroethane	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	120	460	460
Trichlorobenzene, 1,2,4-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	140	400	400
Semi-Volatile Organic Compounds (SVOCs)												
4,6-Dinitro-2-methylphenol	<2.1	<2.1	<2.2	<2.1	<2.2	<2.3	<1.9	<3.7	<1.7	10	200	1300
4-Bromophenyl phenyl ether	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	n/a	n/a	n/a
4-Chlorophenyl phenyl ether	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	n/a	n/a	n/a
Acenaphthene	<0.26	<0.25	<0.27	<0.25	<0.26	0.51	<0.23	<0.45	<0.2	7200	1000000	290000
Acenaphthylene	<0.26	<0.25	<0.27	<0.25	<0.26	<0.28	<0.23	<0.45	<0.2	7200	130000	290000
Acetophenone	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	2500	2500	2500

All values reported in ppm. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

GDCSS = Ohio VAP Generic Direct Contact Soil Standard for Residential, Commercial/Industrial and Construction Scenarios

Table 1: Summary of Soil Sampling Data

PANDEY
ENVIRONMENTAL, LLC

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

Chemical Name	952 Mayfield-SB 2-4' (12/19/22)	953-955 Ferndale-SB 2-4' (12/19/22)	947-949 Ferndale-SB 2-4' (12/19/22)	937 Ferndale-SB 2-4' (12/19/22)	946 Mayfield-SB 2-4' (12/19/22)	930 Mayfield-SB 2-4' (12/19/22)	940 Mayfield-SB 2-4' (12/19/22)	956-958 Ferndale-SB 2-4' (12/21/22)	948 Ferndale-SB 2-4' (12/21/22)	GDCSS Res.	GDCSS Comm.	GDCSS Const.
Semi-Volatile Organic Compounds (SVOCs)												
Aniline	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	880	12000	11000
Anthracene	0.34	0.26	<0.27	<0.25	0.59	1.8	0.29	<0.45	<0.2	36000	670000	1000000
Benz[a]anthracene	1	0.78	0.46	0.49	1.8	3.8	1.2	0.66	0.67	23	610	9600
Benzidine	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	0.047	0.31	4.8
Benzo(g,h,i)perylene	0.57	0.46	0.28	0.28	0.95	2.1	0.64	<0.45	0.37	3600	67000	430000
Benzo[a]pyrene	0.92	0.73	0.44	0.48	1.7	3.6	1.1	0.67	0.64	2.3	62	230
Benzo[b]fluoranthene	1.2	0.98	0.59	0.73	2	4.4	1.5	0.89	0.81	23	620	10000
Benzo[k]fluoranthene	0.44	0.29	<0.27	<0.25	2.1	1.7	0.5	<0.45	0.3	230	6200	100000
Benzyl alcohol	<0.85	<0.82	<0.88	<0.84	<0.87	<0.91	<0.76	<1.5	<0.67	n/a	n/a	n/a
Bis(2-chloro-1-methylethyl) ether	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	1000	1000	1000
Bis(2-chloroethoxy)methane	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	380	7600	48000
Bis(2-chloroethyl)ether	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	5.3	30	290
Bis(2-ethylhexyl)phthalate	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	780	5100	79000
Butyl Benzyl Phthlate	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	5700	37000	590000
Carbazole	<0.26	<0.25	<0.27	<0.25	<0.26	0.65	<0.23	<0.45	<0.2	540	3500	56000
Chloroaniline, p-	<0.85	<0.82	<0.88	<0.84	<0.87	<0.91	<0.76	<1.5	<0.67	54	350	800
Chloronaphthalene, Beta-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	13000	370000	1000000
Chlorophenol, 2-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	780	23000	27000
Chrysene	1.1	0.79	0.49	0.45	1.6	3.8	1.2	0.7	0.65	2300	62000	1000000
Cresol, o-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	6300	130000	790000
Cresol, p-chloro-m-	<0.85	<0.82	<0.88	<0.84	<0.87	<0.91	<0.76	<1.5	<0.67	13000	250000	160000
Dibenz[a,h]anthracene	0.15	<0.12	<0.13	<0.13	0.23	0.61	0.18	<0.23	<0.1	2.3	62	1000
Dibenzofuran	<0.26	<0.25	<0.27	<0.25	<0.26	0.42	<0.23	<0.45	<0.2	160	4700	9700
Dibutyl Phthalate	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	13000	250000	480000
Dichlorobenzidine, 3,3'-	<0.85	<0.82	<0.88	<0.84	<0.87	<0.91	<0.76	<1.5	<0.67	24	160	2500
Dichlorophenol, 2,4-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	380	7600	32000
Diethyl Phthalate	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	100000	1000000	1000000
Dimethyl phthalate	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	100000	1000000	1000000

All values reported in ppm. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

GDCSS = Ohio VAP Generic Direct Contact Soil Standard for Residential, Commercial/Industrial and Construction Scenarios

Table 1: Summary of Soil Sampling Data

PANDEY
ENVIRONMENTAL, LLC

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

Chemical Name	952 Mayfield-SB 2-4' (12/19/22)	953-955 Ferndale-SB 2-4' (12/19/22)	947-949 Ferndale-SB 2-4' (12/19/22)	937 Ferndale-SB 2-4' (12/19/22)	946 Mayfield-SB 2-4' (12/19/22)	930 Mayfield-SB 2-4' (12/19/22)	940 Mayfield-SB 2-4' (12/19/22)	956-958 Ferndale-SB 2-4' (12/21/22)	948 Ferndale-SB 2-4' (12/21/22)	GDCSS Res.	GDCSS Comm.	GDCSS Const.
Semi-Volatile Organic Compounds (SVOCs)												
Dimethylphenol, 2,4-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	2500	51000	95000
Dinitrobenzene, 1,3-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	13	250	1600
Dinitrophenol, 2,4-	<2.1	<2.1	<2.2	<2.1	<2.2	<2.3	<1.9	<3.7	<1.7	250	5100	32000
Dinitrotoluene, 2,4-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	35	230	3600
Dinitrotoluene, 2,6-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	7.3	47	750
Fluoranthene	1.9	1.5	0.84	0.65	3.7	12	1.8	1.4	1.3	4800	89000	170000
Fluorene	<0.26	<0.25	<0.27	<0.25	<0.26	0.57	<0.23	<0.45	<0.2	4800	89000	580000
Hexachlorobenzene	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	4.1	22	16
Hexachlorobutadiene	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	17	17	17
Hexachlorocyclopentadiene	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	4.4	16	16
Hexachloroethane	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	45	210	2000
Indeno[1,2,3-cd]pyrene	0.5	0.4	0.25	0.24	0.91	1.9	0.61	0.36	0.33	23	620	10000
Isophorone	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	11000	75000	1000000
Methylnaphthalene, 1-	0.39	<0.25	<0.27	<0.25	<0.26	<0.28	<0.23	<0.45	<0.2	350	390	390
Methylnaphthalene, 2-	0.5	<0.25	<0.27	<0.25	<0.26	<0.28	<0.23	<0.45	<0.2	480	8900	5800
Naphthalene	0.35	<0.25	<0.27	<0.25	<0.26	<0.28	<0.23	<0.45	<0.2	96	420	560
Nitroaniline, 2-	<2.1	<2.1	<2.2	<2.1	<2.2	<2.3	<1.9	<3.7	<1.7	n/a	n/a	n/a
Nitroaniline, 3-	<2.1	<2.1	<2.2	<2.1	<2.2	<2.3	<1.9	<3.7	<1.7	n/a	n/a	n/a
Nitroaniline, 4-	<0.85	<0.82	<0.88	<0.84	<0.87	<0.91	<0.76	<1.5	<0.67	510	3500	16000
Nitrobenzene	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	130	560	3000
Nitrophenol, 2-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	n/a	n/a	n/a
Nitrophenol, 4-	<2.1	<2.1	<2.2	<2.1	<2.2	<2.3	<1.9	<3.7	<1.7	n/a	n/a	n/a
Nitroso-di-N-propylamine, N-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	1.6	10	160
Octyl Phthalate, di-N-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	1300	25000	160000
Phenanthrene	1.6	1.3	0.57	0.48	0.63	8.2	1.1	1.1	0.81	36000	670000	1000000
Phenol	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	38000	760000	940000
Pyrene	1.6	1.2	0.73	0.61	3	9.5	1.5	1.2	1.1	3600	67000	430000
Pyridine	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	160	4700	24000

All values reported in ppm. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

GDCSS = Ohio VAP Generic Direct Contact Soil Standard for Residential, Commercial/Industrial and Construction Scenarios

Table 1: Summary of Soil Sampling Data

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

PANDEY
ENVIRONMENTAL, LLC

Chemical Name	952 Mayfield-SB 2-4' (12/19/22)	953-955 Ferndale-SB 2-4' (12/19/22)	947-949 Ferndale-SB 2-4' (12/19/22)	937 Ferndale-SB 2-4' (12/19/22)	946 Mayfield-SB 2-4' (12/19/22)	930 Mayfield-SB 2-4' (12/19/22)	940 Mayfield-SB 2-4' (12/19/22)	956-958 Ferndale-SB 2-4' (12/21/22)	948 Ferndale-SB 2-4' (12/21/22)	GDCSS Res.	GDCSS Comm.	GDCSS Const.
Semi-Volatile Organic Compounds (SVOCs)												
Trichlorophenol, 2,4,5-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	13000	250000	1000000
Trichlorophenol, 2,4,6-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	130	2500	1600
Other/Unassigned												
Acetylaminofluorene, 2-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	2.9	19	290
Aminobiphenyl, 4-	<0.85	<0.82	<0.88	<0.84	<0.87	<0.91	<0.76	<1.5	<0.67	0.52	3.4	53
Dimethylamino azobenzene [p-]	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	2.4	15	240
Dimethylbenz(a)anthracene, 7,12-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	0.041	0.25	4
Diphenylamine	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	n/a	n/a	n/a
Methyl-5-Nitroaniline, 2-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	n/a	n/a	n/a
Methylcholanthrene, 3-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	0.49	3.2	51
Naphthylamine, 2-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	6	39	620
Nitrosodiethylamine, N-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	0.072	0.47	7.4
Nitrosodimethylamine, N-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	0.164	1.1	11
Nitroso-di-N-butylamine, N-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	2	15	160
Nitrosomorpholine [N-]	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	1.6	11	170
Nitrosopiperidine [N-]	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	1.2	7.5	120
Nitrosopyrrolidine, N-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	5.2	34	530
Pentachlorobenzene	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	100	2000	13000
Pentachloronitrobenzene	<0.85	<0.82	<0.88	<0.84	<0.87	<0.91	<0.76	<1.5	<0.67	42	270	4300
Phenacetin	<0.85	<0.82	<0.88	<0.84	<0.87	<0.91	<0.76	<1.5	<0.67	4900	32000	510000
Tetrachlorobenzene, 1,2,4,5-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	38	760	4800
Tetrachlorophenol, 2,3,4,6-	<0.43	<0.41	<0.44	<0.42	<0.44	<0.46	<0.38	<0.75	<0.34	3800	76000	480000

All values reported in ppm. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

GDCSS = Ohio VAP Generic Direct Contact Soil Standard for Residential, Commercial/Industrial and Construction Scenarios

Table 2: Summary of Ground Water Sampling Data

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

PANDEY
ENVIRONMENTAL, LLC

Chemical Name	940 Mayfield-MW (12/22/30)	952 Mayfield-MW (12/22/22)	947-949 Ferndale-MW (12/22/22)	937 Ferndale-MW (12/22/22)	948 Ferndale-MW (12/22/22)	Standard
Metals & Inorganic Analytes						
Arsenic, Inorganic	<10	<10	14	<10	<10	10
Barium and Compounds	140	<100	<100	<100	<100	2000
Cadmium	<10	<10	<10	<10	<10	5
Chromium, Total	<10	<10	<10	<10	<10	100
Lead and Compounds	<15	<15	<15	<15	<15	15
Mercury and Compounds	<0.25	<0.25	<0.25	<0.25	<0.25	2
Selenium	<30	<30	<30	<30	<30	50
Silver	<50	<50	<50	<50	<50	94
Pesticides						
Safrole	<10	<10	<10	<10	<10	3
Herbicides						
Dinoseb	<20	<20	<20	<20	<20	7
Pentachlorophenol	<20	<20	<20	<20	<20	1
Volatile Organic Compounds (VOCs)						
4-chlorotoluene	<5	<5	<5	<5	<5	320
Acetone	<50	<50	<50	<50	<50	14000
Benzene	<5	<5	<5	<5	<5	5
Bromobenzene	<5	<5	<5	<5	<5	n/a
Bromochloromethane	<5	<5	<5	<5	<5	n/a
Bromodichloromethane	<5	<5	<5	<5	<5	80
Bromoform	<5	<5	<5	<5	<5	80
Bromomethane	<5	<5	<5	<5	<5	7.5
Carbon Disulfide	<5	<5	<5	<5	<5	810
Carbon Tetrachloride	<5	<5	<5	<5	<5	5
Chlorobenzene	<5	<5	<5	<5	<5	100
Chloroform	<5	<5	<5	<5	<5	80
Chloromethane	<5	<5	<5	<5	<5	190
Chlorotoluene, 2-	<5	<5	<5	<5	<5	n/a
Cumene	<5	<5	<5	<5	<5	450
Dibromo-3-chloropropane, 1,2-	<5	<5	<5	<5	<5	0.2
Dibromochloromethane	<5	<5	<5	<5	<5	80
Dibromoethane, 1,2-	<5	<5	<5	<5	<5	0.05
Dibromomethane (Methylene Bro	<5	<5	<5	<5	<5	8.3
Dichlorobenzene, 1,2-	<5	<5	<5	<5	<5	600
Dichlorobenzene, 1,3-	<5	<5	<5	<5	<5	n/a
Dichlorobenzene, 1,4-	<5	<5	<5	<5	<5	75
Dichlorodifluoromethane	<5	<5	<5	<5	<5	3600
Dichloroethane, 1,1-	<5	<5	<5	<5	<5	28
Dichloroethane, 1,2-	<5	<5	<5	<5	<5	5
Dichloroethene, cis - 1,2	<5	<5	<5	<5	<5	70
Dichloroethylene, 1,1-	<5	<5	<5	<5	<5	7
Dichloroethylene, 1,2-trans-	<5	<5	<5	<5	<5	100
Dichloropropane, 1,2-	<5	<5	<5	<5	<5	5
Dichloropropane, 1,3-	<5	<5	<5	<5	<5	370
Dichloropropane, 2,2-	<5	<5	<5	<5	<5	n/a
Dichloropropene, 1,1-	<5	<5	<5	<5	<5	n/a
Dichloropropene, 1,3- (cis)	<5	<5	<5	<5	<5	n/a
Dichloropropene, 1,3- (trans)	<5	<5	<5	<5	<5	n/a
Ethyl Chloride	<5	<5	<5	<5	<5	21000
Ethylbenzene	<5	<5	<5	<5	<5	700
Methyl butyl ketone	<5	<5	<5	<5	<5	950
Methyl Ethyl Ketone (2-Butanone)	<50	<50	<50	<50	<50	5600
Methyl Isobutyl Ketone (4-methyl-	<5	<5	<5	<5	<5	6300
Methyl tert-Butyl Ether (MTBE)	<5	<5	<5	<5	<5	140

All values reported in ppb. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

Table 2: Summary of Ground Water Sampling Data

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

PANDEY
ENVIRONMENTAL, LLC

Chemical Name	940 Mayfield-MW (12/22/30)	952 Mayfield-MW (12/22/22)	947-949 Ferndale-MW (12/22/22)	937 Ferndale-MW (12/22/22)	948 Ferndale-MW (12/22/22)	Standard
Volatile Organic Compounds (VOCs)						
Methylene Chloride	<5	<5	<5	<5	<5	5
n-butyl benzene	<5	<5	<5	<5	<5	1000
n-propyl benzene	<5	<5	<5	<5	<5	660
Pentachloroethane	<10	<10	<10	<10	<10	6.5
p-isopropyltoluene (Cymene)	<5	<5	<5	<5	<5	180
Sec-butyl benzene	<5	<5	<5	<5	<5	2000
Styrene	<5	<5	<5	<5	<5	100
Tert-butyl benzene	<5	<5	<5	<5	<5	690
Tetrachloroethane, 1,1,1,2-	<5	<5	<5	<5	<5	5.7
Tetrachloroethane, 1,1,2,2-	<5	<5	<5	<5	<5	0.76
Tetrachloroethylene	<5	<5	<5	<5	<5	5
Toluene	<5	<5	<5	<5	<5	1000
Trichlorobenzene, 1,2,3,-	<5	<5	<5	<5	<5	n/a
Trichlorobenzene, 1,2,4-	<5	<5	<5	<5	<5	70
Trichloroethane, 1,1,1-	<5	<5	<5	<5	<5	200
Trichloroethane, 1,1,2-	<5	<5	<5	<5	<5	5
Trichloroethylene	<5	<5	<5	<5	<5	5
Trichlorofluoromethane	<5	<5	<5	<5	<5	5200
Trichloropropane, 1,2,3 -	<5	<5	<5	<5	<5	0.0075
Trimethylbenzene, 1,2,4-	<5	<5	<5	<5	<5	56
Trimethylbenzene, 1,3,5	<5	<5	<5	<5	<5	60
Vinyl Chloride	<2	<2	<2	<2	<2	2
Xylene, m- p-	<10	<10	<10	<10	<10	n/a
Xylene, o-	<5	<5	<5	<5	<5	n/a
Xylenes	<15	<15	<15	<15	<15	10000
Semi-Volatile Organic Compounds (SVOCs)						
4,6-Dinitro-2-methylphenol	<20	<20	<20	<20	<20	1.5
4-Bromophenyl phenyl ether	<20	<20	<20	<20	<20	n/a
4-Chlorophenyl phenyl ether	<20	<20	<20	<20	<20	n/a
Acenaphthene	<0.2	<0.2	<0.2	<0.2	<0.2	530
Acenaphthylene	<0.2	<0.2	<0.2	<0.2	<0.2	520
Acetophenone	<10	<10	<10	<10	<10	1900
Aniline	<10	<10	<10	<10	<10	130
Anthracene	<0.2	<0.2	<0.2	<0.2	<0.2	1800
Benz[a]anthracene	<0.2	<0.2	<0.2	<0.2	<0.2	0.3
Benzidine	<10	<10	<10	<10	<10	0.0033
Benzo(g,h,i)perylene	<0.2	<0.2	<0.2	<0.2	<0.2	600
Benzo[a]pyrene	<0.2	<0.2	<0.2	<0.2	<0.2	0.2
Benzo[b]fluoranthene	<0.2	<0.2	<0.2	<0.2	<0.2	2.51
Benzo[k]fluoranthene	<0.2	<0.2	<0.2	<0.2	<0.2	25
Benzyl alcohol	<10	<10	<10	<10	<10	n/a
Bis(2-chloro-1-methylethyl) ether	<10	<10	<10	<10	<10	710
Bis(2-chloroethoxy)methane	<10	<10	<10	<10	<10	59
Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10	0.14
Bis(2-ethylhexyl)phthalate	<10	<10	<10	<10	<10	6
Butyl Benzyl Phthlate	<10	<10	<10	<10	<10	160
Carbazole	<0.2	<0.2	<0.2	<0.2	<0.2	20
Chloroaniline, p-	<10	<10	<10	<10	<10	3.7
Chloronaphthalene, Beta-	<10	<10	<10	<10	<10	750
Chlorophenol, 2-	<10	<10	<10	<10	<10	91
Chrysene	<0.2	<0.2	<0.2	<0.2	<0.2	250
Cresol, o-	<10	<10	<10	<10	<10	930
Cresol, p-chloro-m-	<20	<20	<20	<20	<20	1400
Dibenz[a,h]anthracene	<0.2	<0.2	<0.2	<0.2	<0.2	0.251
Dibenzofuran	<10	<10	<10	<10	<10	7.9

All values reported in ppb. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

Table 2: Summary of Ground Water Sampling Data

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

PANDEY
ENVIRONMENTAL, LLC

Chemical Name	940 Mayfield-MW (12/22/30)	952 Mayfield-MW (12/22/22)	947-949 Ferndale-MW (12/22/22)	937 Ferndale-MW (12/22/22)	948 Ferndale-MW (12/22/22)	Standard
Semi-Volatile Organic Compounds (SVOCs)						
Dibutyl Phthalate	<10	<10	<10	<10	<10	900
Dichlorobenzidine, 3,3'-	<10	<10	<10	<10	<10	1.3
Dichlorophenol, 2,4-	<10	<10	<10	<10	<10	46
Diethyl Phthalate	<10	<10	<10	<10	<10	15000
Dimethyl phthalate	<10	<10	<10	<10	<10	16000
Dimethylphenol, 2,4-	<10	<10	<10	<10	<10	360
Dinitrobenzene, 1,3-	<10	<10	<10	<10	<10	2
Dinitrophenol, 2,4-	<10	<10	<10	<10	<10	39
Dinitrotoluene, 2,4-	<10	<10	<10	<10	<10	2.4
Dinitrotoluene, 2,6-	<10	<10	<10	<10	<10	0.49
Fluoranthene	<0.2	<0.2	<0.2	<0.2	<0.2	800
Fluorene	<0.2	<0.2	<0.2	<0.2	<0.2	290
Hexachlorobenzene	<10	<10	<10	<10	<10	1
Hexachlorobutadiene	<5	<5	<5	<5	<5	1.39
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10	50
Hexachloroethane	<10	<10	<10	<10	<10	3.3
Indeno[1,2,3-cd]pyrene	<0.2	<0.2	<0.2	<0.2	<0.2	2.51
Isophorone	<10	<10	<10	<10	<10	780
Methylnaphthalene, 1-	<0.2	<0.2	<0.2	<0.2	<0.2	11
Methylnaphthalene, 2-	<0.2	<0.2	<0.2	<0.2	<0.2	36
Naphthalene	<5	<5	<5	<5	<5	1.7
Nitroaniline, 2-	<10	<10	<10	<10	<10	n/a
Nitroaniline, 3-	<20	<20	<20	<20	<20	n/a
Nitroaniline, 4-	<20	<20	<20	<20	<20	38
Nitrobenzene	<10	<10	<10	<10	<10	1.4
Nitrophenol, 2-	<10	<10	<10	<10	<10	n/a
Nitrophenol, 4-	<10	<10	<10	<10	<10	n/a
Nitroso-di-N-propylamine, N-	<10	<10	<10	<10	<10	0.108
Octyl Phthalate, di-N-	<10	<10	<10	<10	<10	200
Phenanthrene	<0.2	<0.2	<0.2	<0.2	<0.2	4800
Phenol	<10	<10	<10	<10	<10	5800
Pyrene	<0.2	<0.2	<0.2	<0.2	<0.2	120
Pyridine	<10	<10	<10	<10	<10	20
Trichlorophenol, 2,4,5-	<10	<10	<10	<10	<10	1200
Trichlorophenol, 2,4,6-	<10	<10	<10	<10	<10	12
Other/Unassigned						
Acetylaminofluorene, 2-	<10	<10	<10	<10	<10	0.16
Aminobiphenyl, 4-	<10	<10	<10	<10	<10	0.03
Dimethylamino azobenzene [p-]	<10	<10	<10	<10	<10	0.05
Dimethylbenz(a)anthracene, 7,12-	<10	<10	<10	<10	<10	0.0031
Diphenylamine	<10	<10	<10	<10	<10	n/a
Methyl-5-Nitroaniline, 2-	<10	<10	<10	<10	<10	70
Methylcholanthrene, 3-	<20	<20	<20	<20	<20	0.035
Naphthylamine, 2-	<20	<20	<20	<20	<20	0.39
Nitrosodiethylamine, N-	<10	<10	<10	<10	<10	0.0051
Nitrosodimethylamine, N-	<10	<10	<10	<10	<10	0.003
Nitroso-di-N-butylamine, N-	<10	<10	<10	<10	<10	0.027
Nitrosomorpholine [N-]	<10	<10	<10	<10	<10	0.12
Nitrosopiperidine [N-]	<10	<10	<10	<10	<10	0.082
Nitrosopyrrolidine, N-	<10	<10	<10	<10	<10	0.37
Pentachlorobenzene	<10	<10	<10	<10	<10	3.2
Pentachloronitrobenzene	<20	<20	<20	<20	<20	1.2
Phenacetin	<20	<20	<20	<20	<20	340
Tetrachlorobenzene, 1,2,4,5-	<10	<10	<10	<10	<10	1.7
Tetrachlorophenol, 2,3,4,6-	<10	<10	<10	<10	<10	240

All values reported in ppb. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

Table 3: Summary of Sub-Slab & Soil Gas Sampling Data

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

PANDEY
ENVIRONMENTAL, LLC

Chemical Name	937 Ferndale-SG (12/30/22)	940 Mayfield-SG (12/30/22)	946 Mayfield-SG (12/30/22)	947-949 Ferndale-SG (12/30/22)	948 Ferndale-SG (12/30/22)	950-956 Ferndale-SG (12/30/22)	952 Mayfield-SV (12/30/22)	953-955 Ferndale-SG (12/30/22)	VISL Sub-Slab / Soil Gas Res Std	VISL Sub-Slab / Soil Gas Com Std	Indoor Air Residential Standard	Indoor Air Commercial Standard
Acetone	159	108	80.3	122	284	196	7.98	59.7	1070000	4510000	32000	140000
Benzene	2.97	<1.6	3.9	4.06	2.88	3.96	<1.6	3.83	120	524	3.6	16
Benzyl Chloride	<5.18	<5.18	<5.18	<5.18	<5.18	<5.18	<5.18	<5.18	19.1	83.4	0.57	2.5
Bromodichloromethane	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	25.3	110	0.76	3.3
Bromoform	<5.17	<5.17	<5.17	<5.17	<5.17	<5.17	<5.17	<5.17	851	3720	26	110
Bromomethane	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	174	730	5.2	22
Butadiene, 1,3-	<0.442	<0.442	<0.442	<0.442	0.819	<0.442	<0.442	<0.442	31.2	136	0.94	4.1
Carbon Disulfide	<1.56	<1.56	<1.56	8.1	<1.56	9.09	<1.56	<1.56	24300	102000	730	3100
Carbon Tetrachloride	<3.15	<3.15	<3.15	<3.15	<3.15	<3.15	<3.15	<3.15	156	681	4.7	20
Chlorobenzene	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	1740	7300	52	220
Chloroform	<0.976	<0.976	<0.976	<0.976	<0.976	<0.976	<0.976	<0.976	40.7	178	1.2	5.3
Chloromethane	<1.03	<1.03	<1.03	<1.03	1.09	2.02	<1.03	<1.03	3130	13100	94	390
Cumene	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46	<2.46	13900	58400	420	1800
Cyclohexane	<1.72	<1.72	2	1.96	<1.72	<1.72	<1.72	2.03	209000	876000	6300	26000
Dibromochloromethane	<4.26	<4.26	<4.26	<4.26	<4.26	<4.26	<4.26	<4.26	n/a	n/a	n/a	n/a
Dibromoethane, 1,2-	<1.54	<1.54	<1.54	<1.54	<1.54	<1.54	<1.54	<1.54	1.56	6.81	0.047	0.2
Dichlorobenzene, 1,2-	<3.01	<3.01	<3.01	<3.01	<3.01	<3.01	<3.01	<3.01	6950	29200	210	880
Dichlorobenzene, 1,3-	<3.01	<3.01	<3.01	<3.01	<3.01	<3.01	<3.01	<3.01	n/a	n/a	n/a	n/a
Dichlorobenzene, 1,4-	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	85.1	372	2.6	11
Dichlorodifluoromethane	2.82	4.55	<2.47	2.52	2.52	2.52	2.92	<2.47	3480	14600	n/a	n/a
Dichloroethane, 1,1-	<2.02	<2.02	<2.02	<2.02	<2.02	<2.02	<2.02	<2.02	585	2560	18	77

All values reported in µg/m3. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

Table 3: Summary of Sub-Slab & Soil Gas Sampling Data

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

PANDEY
ENVIRONMENTAL, LLC

Chemical Name	937 Ferndale-SG (12/30/22)	940 Mayfield-SG (12/30/22)	946 Mayfield-SG (12/30/22)	947-949 Ferndale-SG (12/30/22)	948 Ferndale-SG (12/30/22)	950-956 Ferndale-SG (12/30/22)	952 Mayfield-SV (12/30/22)	953-955 Ferndale-SG (12/30/22)	VISL Sub-Slab / Soil Gas Res Std	VISL Sub-Slab / Soil Gas Com Std	Indoor Air Residential Standard	Indoor Air Commercial Standard
Dichloroethane, 1,2-	<0.809	<0.809	<0.809	<0.809	<0.809	<0.809	<0.809	<0.809	36	157	1.08	4.7
Dichloroethene, cis - 1,2	<1.98	<1.98	<1.98	<1.98	<1.98	<1.98	<1.98	<1.98	n/a	n/a	n/a	n/a
Dichloroethylene, 1,1-	<1.98	<1.98	<1.98	<1.98	<1.98	<1.98	<1.98	<1.98	6950	29200	210	880
Dichloroethylene, 1,2-trans-	<1.98	39.6	<1.98	<1.98	<1.98	<1.98	<1.98	<1.98	n/a	n/a	n/a	n/a
Dichloropropane, 1,2-	<2.31	<2.31	<2.31	<2.31	<2.31	<2.31	<2.31	<2.31	139	584	4.2	18
Dichloropropene, 1,3- (cis)	<2.27	<2.27	<2.27	<2.27	<2.27	<2.27	<2.27	<2.27	n/a	n/a	n/a	n/a
Dichloropropene, 1,3- (trans)	<2.27	<2.27	<2.27	<2.27	<2.27	<2.27	<2.27	<2.27	n/a	n/a	n/a	n/a
Dioxane, 1,4-	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	187	818	5.6	25
Ethyl Acetate	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	2430	10200	73	310
Ethyl Chloride	<1.32	<1.32	<1.32	<1.32	<1.32	<1.32	<1.32	<1.32	348000	1460000	10000	44000
Ethylbenzene	7.25	<2.17	9.99	11.7	9.03	8.9	<2.17	10.7	374	1640	11	49
Ethyltoluene, 4-	2.56	<2.46	3.79	3.79	3.54	3.24	<2.46	4.67	n/a	n/a	n/a	n/a
Freon 113	<3.83	<3.83	<3.83	<3.83	<3.83	<3.83	<3.83	<3.83	174000	730000	n/a	n/a
Freon 114	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	n/a	n/a	n/a	n/a
Heptane	4.26	<2.05	5.04	5.16	5.08	4.26	<2.05	5.2	13900	58400	n/a	n/a
Hexachlorobutadiene	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	42.5	186	1.3	5.6
Hexane, N-	6.38	<1.76	5.75	5.71	4.86	6.1	<1.76	5.89	24300	102000	730	3100
Isopropyl alcohol	3.56	<2.46	4.52	5.6	4.94	4.03	<2.46	2.78	6950	29200	n/a	n/a
Methyl butyl ketone	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	1040	4380	n/a	n/a
Methyl Ethyl Ketone (2-Butanone)	3.83	<2.95	<2.95	<2.95	13.7	3.21	<2.95	<2.95	174000	730000	5200	22000
Methyl Isobutyl Ketone (4-methyl-	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	104000	438000	3100	13000

All values reported in µg/m3. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

Table 3: Summary of Sub-Slab & Soil Gas Sampling Data

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

PANDEY
ENVIRONMENTAL, LLC

Chemical Name	937 Ferndale-SG (12/30/22)	940 Mayfield-SG (12/30/22)	946 Mayfield-SG (12/30/22)	947-949 Ferndale-SG (12/30/22)	948 Ferndale-SG (12/30/22)	950-956 Ferndale-SG (12/30/22)	952 Mayfield-SV (12/30/22)	953-955 Ferndale-SG (12/30/22)	VISL Sub-Slab / Soil Gas Res Std	VISL Sub-Slab / Soil Gas Com Std	Indoor Air Residential Standard	Indoor Air Commercial Standard
Methyl tert-Butyl Ether (MTBE)	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	3600	15700	110	470
Methylene Chloride	<7	<7	<7	<7	<7	<7	<7	<7	20900	87600	630	2600
Naphthalene	<1.05	<1.05	<1.05	<1.05	<1.05	<1.05	<1.05	<1.05	27.5	120	0.83	3.6
Propene	2.27	2.19	<0.861	<0.861	6.3	4.61	<0.861	<0.861	104000	438000	n/a	n/a
Styrene	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	34800	146000	1000	4400
Tetrachloroethane, 1,1,2,2-	<3.43	<3.43	<3.43	<3.43	<3.43	<3.43	<3.43	<3.43	16.1	70.5	0.48	2.1
Tetrachloroethylene	<3.39	<3.39	<3.39	<3.39	<3.39	<3.39	<3.39	<3.39	1390	5840	42	180
Tetrahydrofuran	10.9	15.5	<1.47	<1.47	58.3	19.1	<1.47	<1.47	69500	292000	2100	8800
Toluene	37.2	16.4	42.7	46.8	70.7	56.5	5.46	42.1	174000	730000	5200	22000
Trichlorobenzene, 1,2,4-	<3.71	<3.71	<3.71	<3.71	<3.71	<3.71	<3.71	<3.71	69.5	292	2.1	8.8
Trichloroethane, 1,1,1-	<2.73	<2.73	<2.73	<2.73	<2.73	<2.73	<2.73	<2.73	174000	730000	5200	22000
Trichloroethane, 1,1,2-	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	1.36	6.95	29.2	1.8	7.7
Trichloroethylene	<1.07	<1.07	<1.07	<1.07	<1.07	<1.07	<1.07	<1.07	69.5	292	2.1	8.8
Trichlorofluoromethane	<2.81	<2.81	<2.81	<2.81	<2.81	<2.81	<2.81	<2.81	n/a	n/a	n/a	n/a
Trimethylbenzene, 1,2,4-	9.49	<2.46	15.1	11.4	10.7	8.55	7.47	16.8	2090	8760	63	260
Trimethylbenzene, 1,3,5	<2.46	<2.46	3.24	<2.46	2.56	<2.46	<2.46	3.64	2090	8760	63	260
Vinyl Acetate	<3.52	<3.52	<3.52	<3.52	<3.52	<3.52	<3.52	<3.52	6950	29200	210	880
Vinyl Chloride	<1.28	<1.28	<1.28	<1.28	<1.28	<1.28	<1.28	<1.28	55.9	929	1.7	28
Xylene, m- p-	31.7	6.6	45.3	43.3	38.7	35.6	7.82	47.6	n/a	n/a	n/a	n/a
Xylene, o-	10	<2.17	15.2	15.6	11.2	11.6	2.82	16.3	3480	14600	n/a	n/a

All values reported in µg/m3. Non-detects are shown as less than reporting limit. n/a = Not Analyzed or Not Applicable

Date	Screening Location	Parameter	Results (ppm)	H2S Action Level* (ppm)	Parameter	Results (%LEL)	Methane Action Level (%LEL)
1/3/2023	940 Mayfield-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0.55	5%
1/3/2023	946 Mayfield-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/3/2023	937 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0.3	5%
1/3/2023	947-949 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/3/2023	948 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0.25	5%
1/3/2023	950-956 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0.25	5%
1/3/2023	953-955 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/3/2023	952 Mayfield-SV	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/3/2023	930 Mayfield-SV	Hydrogen Sulfide	-	0.1 ppm	Methane	-	5%

Date	Screening Location	Parameter	Results (ppm)	H2S Action Level* (ppm)	Parameter	Results (%LEL)	Methane Action Level (%LEL)
1/16/2023	940 Mayfield-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/16/2023	946 Mayfield-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/16/2023	937 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/16/2023	947-949 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/16/2023	948 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/16/2023	950-956 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/16/2023	953-955 Ferndale-SG	Hydrogen Sulfide	0	0.1 ppm	Methane	0	5%
1/16/2023	952 Mayfield-SV	Hydrogen Sulfide	-	0.1 ppm	Methane	-	5%
1/16/2023	930 Mayfield-SV	Hydrogen Sulfide	-	0.1 ppm	Methane	-	5%

*Hydrogen Sulfide does not have a promulgated action level for resdiential settings. However, a threshold of 0.1 ppm was used as this is the lowest detectable limit of hydrogen sulfide in the MiniRae 4-gas meter.

APPENDIX A
LABORATORY ANALYTICAL DATA, CHAIN OF CUSTODY, AND LABORATORY AFFIDAVITS

11-Jan-2023

Jason Martin
Pandey Environmental, LLC
6277 Riverside Drive
Suite Two South
Dublin, OH 43017

Re: **BFM-9** Work Order: **22120921**

Dear Jason,

ALS Environmental received 9 samples on 27-Dec-2022 11:15 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 51.

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

Sincerely,

Shawn Smythe

Electronically approved by: Joe Ribar

Shawn Smythe
Project Manager

Report of Laboratory Analysis

ALS Environmental

Date: 11-Jan-23

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: **22120921**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
22120921-01	952 Mayfield-SB-2-4	Soil		12/19/2022 07:30	12/27/2022 11:15	☐
22120921-02	953-955 Ferndale-SB:2-4	Soil		12/19/2022 10:00	12/27/2022 11:15	☐
22120921-03	947-949 Ferndale-SB:2-4	Soil		12/19/2022 10:30	12/27/2022 11:15	☐
22120921-04	937 Ferndale-SB:2-4	Soil		12/19/2022 11:00	12/27/2022 11:15	☐
22120921-05	946 Mayfield-SB:2-4	Soil		12/19/2022 11:30	12/27/2022 11:15	☐
22120921-06	930 Mayfield-SB:2-4	Soil		12/19/2022 12:00	12/27/2022 11:15	☐
22120921-07	940 Mayfield-SB:2-4	Soil		12/19/2022 13:30	12/27/2022 11:15	☐
22120921-08	956-958 Ferndale-SB:2-4	Soil		12/21/2022 10:30	12/27/2022 11:15	☐
22120921-09	948 Ferndale-SB:2-4	Soil		12/21/2022 11:00	12/27/2022 11:15	☐

ALS Environmental

Date: 11-Jan-23

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 22120921

Case Narrative

The analyses requested were analyzed according to Ohio Voluntary Action Program requirements. Affidavits are available upon request.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 22120921
Sample ID: 952 Mayfield-SB-2-4
Lab ID: 22120921-01
Collection Date: 12/19/2022 07:30 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**			Analyst: **AB**
Moisture	**22**			**% of sample**	1	1/5/2023
MERCURY BY CVAA			**SW7471A**	Prep: EPA 7471 1/3/23 14:27		Analyst: **SLT**
Mercury	ND		0.35	mg/Kg-dry	1	1/4/2023 10:53 AM
METALS BY ICP			**SW6010B**	Prep: SW3050B 1/3/23 14:27		Analyst: **AZ**
Arsenic	**27**		**6.1**	**mg/Kg-dry**	1	1/4/2023 07:37 PM
Barium	**320**		**24**	**mg/Kg-dry**	1	1/4/2023 07:37 PM
Cadmium	**2.8**		**1.2**	**mg/Kg-dry**	1	1/4/2023 07:37 PM
Chromium	**24**		**12**	**mg/Kg-dry**	1	1/4/2023 07:37 PM
Lead	**660**		**24**	**mg/Kg-dry**	1	1/4/2023 07:37 PM
Selenium	ND		3.7	mg/Kg-dry	1	1/4/2023 07:37 PM
Silver	ND		6.1	mg/Kg-dry	1	1/4/2023 07:37 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**	Prep: SW3546 12/29/22 19:24		Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
1,2,4-Trichlorobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
1,2-Dichlorobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
1,3-Dichlorobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
1,3-Dinitrobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
1,4-Dichlorobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
1-Methylnaphthalene	**390**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
1-Naphthylamine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2,3,4,6-Tetrachlorophenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2,4,5-Trichlorophenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2,4,6-Trichlorophenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2,4-Dichlorophenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2,4-Dimethylphenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2,4-Dinitrophenol	ND		2,100	µg/Kg-dry	1	12/30/2022 04:12 PM
2,4-Dinitrotoluene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2,6-Dichlorophenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2,6-Dinitrotoluene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2-Acetylaminofluorene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2-Chloronaphthalene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2-Chlorophenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2-Methylnaphthalene	**500**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
2-Methylphenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2-Naphthylamine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
2-Nitroaniline	ND		2,100	µg/Kg-dry	1	12/30/2022 04:12 PM
2-Nitrophenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 952 Mayfield-SB-2-4 **Lab ID:** 22120921-01
Collection Date: 12/19/2022 07:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Picoline	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
3&4-Methylphenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
3,3`-Dichlorobenzidine	ND		850	µg/Kg-dry	1	12/30/2022 04:12 PM
3-Methylcholanthrene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
3-Nitroaniline	ND		2,100	µg/Kg-dry	1	12/30/2022 04:12 PM
4,6-Dinitro-2-methylphenol	ND		2,100	µg/Kg-dry	1	12/30/2022 04:12 PM
4-Aminobiphenyl	ND		850	µg/Kg-dry	1	12/30/2022 04:12 PM
4-Bromophenyl phenyl ether	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
4-Chloro-3-methylphenol	ND		850	µg/Kg-dry	1	12/30/2022 04:12 PM
4-Chloroaniline	ND		850	µg/Kg-dry	1	12/30/2022 04:12 PM
4-Chlorophenyl phenyl ether	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
4-Nitroaniline	ND		850	µg/Kg-dry	1	12/30/2022 04:12 PM
4-Nitrophenol	ND		2,100	µg/Kg-dry	1	12/30/2022 04:12 PM
4-Nitroquinoline 1-oxide	ND		2,100	µg/Kg-dry	1	12/30/2022 04:12 PM
5-Nitro-o-toluidine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
7,12-Dimethylbenz(a)anthracene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Acenaphthene	ND		260	µg/Kg-dry	1	12/30/2022 04:12 PM
Acenaphthylene	ND		260	µg/Kg-dry	1	12/30/2022 04:12 PM
Acetophenone	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Aniline	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Anthracene	**340**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Azobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Benzidine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Benzo(a)anthracene	**1,000**		**130**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Benzo(a)pyrene	**920**		**130**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Benzo(b)fluoranthene	**1,200**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Benzo(g,h,i)perylene	**570**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Benzo(k)fluoranthene	**440**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Benzyl alcohol	ND		850	µg/Kg-dry	1	12/30/2022 04:12 PM
Bis(2-chloroethoxy)methane	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Bis(2-chloroethyl)ether	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Bis(2-chloroisopropyl)ether	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Bis(2-ethylhexyl)phthalate	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Butyl benzyl phthalate	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Carbazole	ND		260	µg/Kg-dry	1	12/30/2022 04:12 PM
Chrysene	**1,100**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Dibenzo(a,h)anthracene	**150**		**130**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Dibenzofuran	ND		260	µg/Kg-dry	1	12/30/2022 04:12 PM
Diethyl phthalate	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Dimethyl phthalate	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 952 Mayfield-SB-2-4 **Lab ID:** 22120921-01
Collection Date: 12/19/2022 07:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-butyl phthalate	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Di-n-octyl phthalate	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Dinoseb	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Diphenylamine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Ethyl methanesulfonate	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Fluoranthene	**1,900**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Fluorene	ND		260	µg/Kg-dry	1	12/30/2022 04:12 PM
Hexachlorobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Hexachlorobutadiene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Hexachlorocyclopentadiene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Hexachloroethane	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Indeno(1,2,3-cd)pyrene	**500**		**130**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Isophorone	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Isosafrole	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Methapyrilene	ND		2,100	µg/Kg-dry	1	12/30/2022 04:12 PM
Methyl methanesulfonate	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Naphthalene	**350**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Nitrobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
N-Nitrosodiethylamine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
N-Nitrosodimethylamine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
N-Nitroso-di-n-butylamine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
N-Nitrosodi-n-propylamine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
N-Nitrosomethylethylamine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
N-Nitrosomorpholine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
N-Nitrosopiperidine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
N-Nitrosopyrrolidine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
o-Toluidine	ND		2,100	µg/Kg-dry	1	12/30/2022 04:12 PM
p-Dimethylaminoazobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Pentachlorobenzene	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Pentachloroethane	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Pentachloronitrobenzene	ND		850	µg/Kg-dry	1	12/30/2022 04:12 PM
Pentachlorophenol	ND		2,100	µg/Kg-dry	1	12/30/2022 04:12 PM
Phenacetin	ND		850	µg/Kg-dry	1	12/30/2022 04:12 PM
Phenanthrene	**1,600**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Phenol	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Pyrene	**1,600**		**260**	**µg/Kg-dry**	1	12/30/2022 04:12 PM
Pyridine	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Safrole	ND		430	µg/Kg-dry	1	12/30/2022 04:12 PM
Surr: 2,4,6-Tribromophenol	*61.9*		*14.2-136*	*%REC*	1	12/30/2022 04:12 PM
Surr: 2-Fluorobiphenyl	*65.3*		*30-116*	*%REC*	1	12/30/2022 04:12 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 952 Mayfield-SB-2-4 **Lab ID:** 22120921-01
Collection Date: 12/19/2022 07:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorophenol	*45.8*		*24-105*	*%REC*	1	12/30/2022 04:12 PM
Surr: 4-Terphenyl-d14	*66.3*		*27.3-138*	*%REC*	1	12/30/2022 04:12 PM
Surr: Nitrobenzene-d5	*57.0*		*23.7-109*	*%REC*	1	12/30/2022 04:12 PM
Surr: Phenol-d5	*47.9*		*24.9-103*	*%REC*	1	12/30/2022 04:12 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 22120921
Sample ID: 953-955 Ferndale-SB:2-4
Lab ID: 22120921-02
Collection Date: 12/19/2022 10:00 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**			Analyst: **AB**
Moisture	**20**			**% of sample**	1	1/5/2023
MERCURY BY CVAA			**SW7471A**	Prep: EPA 7471 1/3/23 14:27		Analyst: **SLT**
Mercury	ND		0.36	mg/Kg-dry	1	1/4/2023 10:55 AM
METALS BY ICP			**SW6010B**	Prep: SW3050B 1/3/23 14:27		Analyst: **AZ**
Arsenic	**31**		**5.7**	**mg/Kg-dry**	1	1/4/2023 07:57 PM
Barium	**250**		**23**	**mg/Kg-dry**	1	1/4/2023 07:57 PM
Cadmium	**1.9**		**1.1**	**mg/Kg-dry**	1	1/4/2023 07:57 PM
Chromium	**27**		**11**	**mg/Kg-dry**	1	1/4/2023 07:57 PM
Lead	**560**		**23**	**mg/Kg-dry**	1	1/4/2023 07:57 PM
Selenium	ND		3.4	mg/Kg-dry	1	1/4/2023 07:57 PM
Silver	ND		5.7	mg/Kg-dry	1	1/4/2023 07:57 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**	Prep: SW3546 12/29/22 19:24		Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
1,2,4-Trichlorobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
1,2-Dichlorobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
1,3-Dichlorobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
1,3-Dinitrobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
1,4-Dichlorobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
1-Methylnaphthalene	ND		250	µg/Kg-dry	1	12/30/2022 04:33 PM
1-Naphthylamine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2,3,4,6-Tetrachlorophenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2,4,5-Trichlorophenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2,4,6-Trichlorophenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2,4-Dichlorophenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2,4-Dimethylphenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2,4-Dinitrophenol	ND		2,100	µg/Kg-dry	1	12/30/2022 04:33 PM
2,4-Dinitrotoluene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2,6-Dichlorophenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2,6-Dinitrotoluene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2-Acetylaminofluorene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2-Chloronaphthalene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2-Chlorophenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2-Methylnaphthalene	ND		250	µg/Kg-dry	1	12/30/2022 04:33 PM
2-Methylphenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2-Naphthylamine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
2-Nitroaniline	ND		2,100	µg/Kg-dry	1	12/30/2022 04:33 PM
2-Nitrophenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 953-955 Ferndale-SB:2-4 **Lab ID:** 22120921-02
Collection Date: 12/19/2022 10:00 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Picoline	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
3&4-Methylphenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
3,3`-Dichlorobenzidine	ND		820	µg/Kg-dry	1	12/30/2022 04:33 PM
3-Methylcholanthrene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
3-Nitroaniline	ND		2,100	µg/Kg-dry	1	12/30/2022 04:33 PM
4,6-Dinitro-2-methylphenol	ND		2,100	µg/Kg-dry	1	12/30/2022 04:33 PM
4-Aminobiphenyl	ND		820	µg/Kg-dry	1	12/30/2022 04:33 PM
4-Bromophenyl phenyl ether	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
4-Chloro-3-methylphenol	ND		820	µg/Kg-dry	1	12/30/2022 04:33 PM
4-Chloroaniline	ND		820	µg/Kg-dry	1	12/30/2022 04:33 PM
4-Chlorophenyl phenyl ether	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
4-Nitroaniline	ND		820	µg/Kg-dry	1	12/30/2022 04:33 PM
4-Nitrophenol	ND		2,100	µg/Kg-dry	1	12/30/2022 04:33 PM
4-Nitroquinoline 1-oxide	ND		2,100	µg/Kg-dry	1	12/30/2022 04:33 PM
5-Nitro-o-toluidine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
7,12-Dimethylbenz(a)anthracene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Acenaphthene	ND		250	µg/Kg-dry	1	12/30/2022 04:33 PM
Acenaphthylene	ND		250	µg/Kg-dry	1	12/30/2022 04:33 PM
Acetophenone	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Aniline	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Anthracene	**260**		**250**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Azobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Benzidine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Benzo(a)anthracene	**780**		**120**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Benzo(a)pyrene	**730**		**120**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Benzo(b)fluoranthene	**980**		**250**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Benzo(g,h,i)perylene	**460**		**250**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Benzo(k)fluoranthene	**290**		**250**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Benzyl alcohol	ND		820	µg/Kg-dry	1	12/30/2022 04:33 PM
Bis(2-chloroethoxy)methane	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Bis(2-chloroethyl)ether	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Bis(2-chloroisopropyl)ether	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Bis(2-ethylhexyl)phthalate	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Butyl benzyl phthalate	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Carbazole	ND		250	µg/Kg-dry	1	12/30/2022 04:33 PM
Chrysene	**790**		**250**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Dibenzo(a,h)anthracene	ND		120	µg/Kg-dry	1	12/30/2022 04:33 PM
Dibenzofuran	ND		250	µg/Kg-dry	1	12/30/2022 04:33 PM
Diethyl phthalate	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Dimethyl phthalate	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 953-955 Ferndale-SB:2-4 **Lab ID:** 22120921-02
Collection Date: 12/19/2022 10:00 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-butyl phthalate	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Di-n-octyl phthalate	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Dinoseb	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Diphenylamine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Ethyl methanesulfonate	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Fluoranthene	**1,500**		**250**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Fluorene	ND		250	µg/Kg-dry	1	12/30/2022 04:33 PM
Hexachlorobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Hexachlorobutadiene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Hexachlorocyclopentadiene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Hexachloroethane	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Indeno(1,2,3-cd)pyrene	**400**		**120**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Isophorone	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Isosafrole	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Methapyrilene	ND		2,100	µg/Kg-dry	1	12/30/2022 04:33 PM
Methyl methanesulfonate	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Naphthalene	ND		250	µg/Kg-dry	1	12/30/2022 04:33 PM
Nitrobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
N-Nitrosodiethylamine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
N-Nitrosodimethylamine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
N-Nitroso-di-n-butylamine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
N-Nitrosodi-n-propylamine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
N-Nitrosomethylethylamine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
N-Nitrosomorpholine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
N-Nitrosopiperidine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
N-Nitrosopyrrolidine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
o-Toluidine	ND		2,100	µg/Kg-dry	1	12/30/2022 04:33 PM
p-Dimethylaminoazobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Pentachlorobenzene	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Pentachloroethane	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Pentachloronitrobenzene	ND		820	µg/Kg-dry	1	12/30/2022 04:33 PM
Pentachlorophenol	ND		2,100	µg/Kg-dry	1	12/30/2022 04:33 PM
Phenacetin	ND		820	µg/Kg-dry	1	12/30/2022 04:33 PM
Phenanthrene	**1,300**		**250**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Phenol	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Pyrene	**1,200**		**250**	**µg/Kg-dry**	1	12/30/2022 04:33 PM
Pyridine	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Safrole	ND		410	µg/Kg-dry	1	12/30/2022 04:33 PM
Surr: 2,4,6-Tribromophenol	*68.5*		*14.2-136*	*%REC*	1	12/30/2022 04:33 PM
Surr: 2-Fluorobiphenyl	*72.8*		*30-116*	*%REC*	1	12/30/2022 04:33 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 953-955 Ferndale-SB:2-4 **Lab ID:** 22120921-02
Collection Date: 12/19/2022 10:00 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorophenol	*45.5*		*24-105*	*%REC*	1	12/30/2022 04:33 PM
Surr: 4-Terphenyl-d14	*74.3*		*27.3-138*	*%REC*	1	12/30/2022 04:33 PM
Surr: Nitrobenzene-d5	*63.2*		*23.7-109*	*%REC*	1	12/30/2022 04:33 PM
Surr: Phenol-d5	*48.2*		*24.9-103*	*%REC*	1	12/30/2022 04:33 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 947-949 Ferndale-SB:2-4 **Lab ID:** 22120921-03
Collection Date: 12/19/2022 10:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**			Analyst: **AB**
Moisture	**25**			**% of sample**	1	1/5/2023
MERCURY BY CVAA			**SW7471A**	Prep: EPA 7471 1/3/23 14:27		Analyst: **SLT**
Mercury	**0.79**		**0.36**	**mg/Kg-dry**	1	1/4/2023 10:58 AM
METALS BY ICP			**SW6010B**	Prep: SW3050B 1/3/23 14:27		Analyst: **AZ**
Arsenic	**23**		**6.4**	**mg/Kg-dry**	1	1/4/2023 08:00 PM
Barium	**320**		**25**	**mg/Kg-dry**	1	1/4/2023 08:00 PM
Cadmium	**2.4**		**1.3**	**mg/Kg-dry**	1	1/4/2023 08:00 PM
Chromium	**21**		**13**	**mg/Kg-dry**	1	1/4/2023 08:00 PM
Lead	**670**		**25**	**mg/Kg-dry**	1	1/4/2023 08:00 PM
Selenium	ND		3.8	mg/Kg-dry	1	1/4/2023 08:00 PM
Silver	ND		6.4	mg/Kg-dry	1	1/4/2023 08:00 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**	Prep: SW3546 12/29/22 19:24		Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
1,2,4-Trichlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
1,2-Dichlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
1,3-Dichlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
1,3-Dinitrobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
1,4-Dichlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
1-Methylnaphthalene	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
1-Naphthylamine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2,3,4,6-Tetrachlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2,4,5-Trichlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2,4,6-Trichlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2,4-Dichlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2,4-Dimethylphenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2,4-Dinitrophenol	ND		2,200	µg/Kg-dry	1	12/30/2022 04:54 PM
2,4-Dinitrotoluene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2,6-Dichlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2,6-Dinitrotoluene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2-Acetylaminofluorene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2-Chloronaphthalene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2-Chlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2-Methylnaphthalene	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
2-Methylphenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2-Naphthylamine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
2-Nitroaniline	ND		2,200	µg/Kg-dry	1	12/30/2022 04:54 PM
2-Nitrophenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 947-949 Ferndale-SB:2-4 **Lab ID:** 22120921-03
Collection Date: 12/19/2022 10:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Picoline	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
3&4-Methylphenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
3,3`-Dichlorobenzidine	ND		880	µg/Kg-dry	1	12/30/2022 04:54 PM
3-Methylcholanthrene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
3-Nitroaniline	ND		2,200	µg/Kg-dry	1	12/30/2022 04:54 PM
4,6-Dinitro-2-methylphenol	ND		2,200	µg/Kg-dry	1	12/30/2022 04:54 PM
4-Aminobiphenyl	ND		880	µg/Kg-dry	1	12/30/2022 04:54 PM
4-Bromophenyl phenyl ether	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
4-Chloro-3-methylphenol	ND		880	µg/Kg-dry	1	12/30/2022 04:54 PM
4-Chloroaniline	ND		880	µg/Kg-dry	1	12/30/2022 04:54 PM
4-Chlorophenyl phenyl ether	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
4-Nitroaniline	ND		880	µg/Kg-dry	1	12/30/2022 04:54 PM
4-Nitrophenol	ND		2,200	µg/Kg-dry	1	12/30/2022 04:54 PM
4-Nitroquinoline 1-oxide	ND		2,200	µg/Kg-dry	1	12/30/2022 04:54 PM
5-Nitro-o-toluidine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
7,12-Dimethylbenz(a)anthracene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Acenaphthene	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
Acenaphthylene	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
Acetophenone	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Aniline	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Anthracene	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
Azobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Benzidine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Benzo(a)anthracene	**460**		**130**	**µg/Kg-dry**	1	12/30/2022 04:54 PM
Benzo(a)pyrene	**440**		**130**	**µg/Kg-dry**	1	12/30/2022 04:54 PM
Benzo(b)fluoranthene	**590**		**270**	**µg/Kg-dry**	1	12/30/2022 04:54 PM
Benzo(g,h,i)perylene	**280**		**270**	**µg/Kg-dry**	1	12/30/2022 04:54 PM
Benzo(k)fluoranthene	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
Benzyl alcohol	ND		880	µg/Kg-dry	1	12/30/2022 04:54 PM
Bis(2-chloroethoxy)methane	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Bis(2-chloroethyl)ether	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Bis(2-chloroisopropyl)ether	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Bis(2-ethylhexyl)phthalate	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Butyl benzyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Carbazole	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
Chrysene	**490**		**270**	**µg/Kg-dry**	1	12/30/2022 04:54 PM
Dibenzo(a,h)anthracene	ND		130	µg/Kg-dry	1	12/30/2022 04:54 PM
Dibenzofuran	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
Diethyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Dimethyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 947-949 Ferndale-SB:2-4 **Lab ID:** 22120921-03
Collection Date: 12/19/2022 10:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-butyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Di-n-octyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Dinoseb	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Diphenylamine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Ethyl methanesulfonate	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Fluoranthene	**840**		**270**	**µg/Kg-dry**	1	12/30/2022 04:54 PM
Fluorene	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
Hexachlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Hexachlorobutadiene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Hexachlorocyclopentadiene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Hexachloroethane	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Indeno(1,2,3-cd)pyrene	**250**		**130**	**µg/Kg-dry**	1	12/30/2022 04:54 PM
Isophorone	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Isosafrole	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Methapyrilene	ND		2,200	µg/Kg-dry	1	12/30/2022 04:54 PM
Methyl methanesulfonate	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Naphthalene	ND		270	µg/Kg-dry	1	12/30/2022 04:54 PM
Nitrobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
N-Nitrosodiethylamine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
N-Nitrosodimethylamine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
N-Nitroso-di-n-butylamine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
N-Nitrosodi-n-propylamine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
N-Nitrosomethylethylamine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
N-Nitrosomorpholine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
N-Nitrosopiperidine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
N-Nitrosopyrrolidine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
o-Toluidine	ND		2,200	µg/Kg-dry	1	12/30/2022 04:54 PM
p-Dimethylaminoazobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Pentachlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Pentachloroethane	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Pentachloronitrobenzene	ND		880	µg/Kg-dry	1	12/30/2022 04:54 PM
Pentachlorophenol	ND		2,200	µg/Kg-dry	1	12/30/2022 04:54 PM
Phenacetin	ND		880	µg/Kg-dry	1	12/30/2022 04:54 PM
Phenanthrene	**570**		**270**	**µg/Kg-dry**	1	12/30/2022 04:54 PM
Phenol	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Pyrene	**730**		**270**	**µg/Kg-dry**	1	12/30/2022 04:54 PM
Pyridine	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Safrole	ND		440	µg/Kg-dry	1	12/30/2022 04:54 PM
Surr: 2,4,6-Tribromophenol	*73.9*		*14.2-136*	*%REC*	1	12/30/2022 04:54 PM
Surr: 2-Fluorobiphenyl	*73.2*		*30-116*	*%REC*	1	12/30/2022 04:54 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 947-949 Ferndale-SB:2-4 **Lab ID:** 22120921-03
Collection Date: 12/19/2022 10:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorophenol	*51.6*		*24-105*	*%REC*	1	12/30/2022 04:54 PM
Surr: 4-Terphenyl-d14	*76.2*		*27.3-138*	*%REC*	1	12/30/2022 04:54 PM
Surr: Nitrobenzene-d5	*66.9*		*23.7-109*	*%REC*	1	12/30/2022 04:54 PM
Surr: Phenol-d5	*54.8*		*24.9-103*	*%REC*	1	12/30/2022 04:54 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 22120921
Sample ID: 937 Ferndale-SB:2-4
Lab ID: 22120921-04
Collection Date: 12/19/2022 11:00 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**			Analyst: **AB**
Moisture	**21**			**% of sample**	1	1/5/2023
MERCURY BY CVAA			**SW7471A**	Prep: EPA 7471 1/3/23 14:27		Analyst: **SLT**
Mercury	ND		0.37	mg/Kg-dry	1	1/4/2023 11:00 AM
METALS BY ICP			**SW6010B**	Prep: SW3050B 1/3/23 14:27		Analyst: **AZ**
Arsenic	**24**		**6.2**	**mg/Kg-dry**	1	1/4/2023 08:04 PM
Barium	**330**		**25**	**mg/Kg-dry**	1	1/4/2023 08:04 PM
Cadmium	**1.8**		**1.2**	**mg/Kg-dry**	1	1/4/2023 08:04 PM
Chromium	**23**		**12**	**mg/Kg-dry**	1	1/4/2023 08:04 PM
Lead	**380**		**25**	**mg/Kg-dry**	1	1/4/2023 08:04 PM
Selenium	ND		3.7	mg/Kg-dry	1	1/4/2023 08:04 PM
Silver	ND		6.2	mg/Kg-dry	1	1/4/2023 08:04 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**	Prep: SW3546 12/29/22 19:24		Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
1,2,4-Trichlorobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
1,2-Dichlorobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
1,3-Dichlorobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
1,3-Dinitrobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
1,4-Dichlorobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
1-Methylnaphthalene	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
1-Naphthylamine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2,3,4,6-Tetrachlorophenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2,4,5-Trichlorophenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2,4,6-Trichlorophenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2,4-Dichlorophenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2,4-Dimethylphenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2,4-Dinitrophenol	ND		2,100	µg/Kg-dry	1	12/30/2022 05:15 PM
2,4-Dinitrotoluene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2,6-Dichlorophenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2,6-Dinitrotoluene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2-Acetylaminofluorene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2-Chloronaphthalene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2-Chlorophenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2-Methylnaphthalene	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
2-Methylphenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2-Naphthylamine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
2-Nitroaniline	ND		2,100	µg/Kg-dry	1	12/30/2022 05:15 PM
2-Nitrophenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 937 Ferndale-SB:2-4 **Lab ID:** 22120921-04
Collection Date: 12/19/2022 11:00 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Picoline	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
3&4-Methylphenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
3,3`-Dichlorobenzidine	ND		840	µg/Kg-dry	1	12/30/2022 05:15 PM
3-Methylcholanthrene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
3-Nitroaniline	ND		2,100	µg/Kg-dry	1	12/30/2022 05:15 PM
4,6-Dinitro-2-methylphenol	ND		2,100	µg/Kg-dry	1	12/30/2022 05:15 PM
4-Aminobiphenyl	ND		840	µg/Kg-dry	1	12/30/2022 05:15 PM
4-Bromophenyl phenyl ether	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
4-Chloro-3-methylphenol	ND		840	µg/Kg-dry	1	12/30/2022 05:15 PM
4-Chloroaniline	ND		840	µg/Kg-dry	1	12/30/2022 05:15 PM
4-Chlorophenyl phenyl ether	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
4-Nitroaniline	ND		840	µg/Kg-dry	1	12/30/2022 05:15 PM
4-Nitrophenol	ND		2,100	µg/Kg-dry	1	12/30/2022 05:15 PM
4-Nitroquinoline 1-oxide	ND		2,100	µg/Kg-dry	1	12/30/2022 05:15 PM
5-Nitro-o-toluidine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
7,12-Dimethylbenz(a)anthracene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Acenaphthene	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
Acenaphthylene	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
Acetophenone	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Aniline	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Anthracene	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
Azobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Benzidine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Benzo(a)anthracene	**490**		**130**	**µg/Kg-dry**	1	12/30/2022 05:15 PM
Benzo(a)pyrene	**480**		**130**	**µg/Kg-dry**	1	12/30/2022 05:15 PM
Benzo(b)fluoranthene	**730**		**250**	**µg/Kg-dry**	1	12/30/2022 05:15 PM
Benzo(g,h,i)perylene	**280**		**250**	**µg/Kg-dry**	1	12/30/2022 05:15 PM
Benzo(k)fluoranthene	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
Benzyl alcohol	ND		840	µg/Kg-dry	1	12/30/2022 05:15 PM
Bis(2-chloroethoxy)methane	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Bis(2-chloroethyl)ether	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Bis(2-chloroisopropyl)ether	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Bis(2-ethylhexyl)phthalate	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Butyl benzyl phthalate	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Carbazole	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
Chrysene	**450**		**250**	**µg/Kg-dry**	1	12/30/2022 05:15 PM
Dibenzo(a,h)anthracene	ND		130	µg/Kg-dry	1	12/30/2022 05:15 PM
Dibenzofuran	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
Diethyl phthalate	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Dimethyl phthalate	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 937 Ferndale-SB:2-4 **Lab ID:** 22120921-04
Collection Date: 12/19/2022 11:00 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-butyl phthalate	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Di-n-octyl phthalate	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Dinoseb	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Diphenylamine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Ethyl methanesulfonate	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Fluoranthene	**650**		**250**	**µg/Kg-dry**	1	12/30/2022 05:15 PM
Fluorene	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
Hexachlorobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Hexachlorobutadiene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Hexachlorocyclopentadiene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Hexachloroethane	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Indeno(1,2,3-cd)pyrene	**240**		**130**	**µg/Kg-dry**	1	12/30/2022 05:15 PM
Isophorone	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Isosafrole	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Methapyrilene	ND		2,100	µg/Kg-dry	1	12/30/2022 05:15 PM
Methyl methanesulfonate	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Naphthalene	ND		250	µg/Kg-dry	1	12/30/2022 05:15 PM
Nitrobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
N-Nitrosodiethylamine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
N-Nitrosodimethylamine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
N-Nitroso-di-n-butylamine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
N-Nitrosodi-n-propylamine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
N-Nitrosomethylethylamine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
N-Nitrosomorpholine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
N-Nitrosopiperidine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
N-Nitrosopyrrolidine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
o-Toluidine	ND		2,100	µg/Kg-dry	1	12/30/2022 05:15 PM
p-Dimethylaminoazobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Pentachlorobenzene	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Pentachloroethane	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Pentachloronitrobenzene	ND		840	µg/Kg-dry	1	12/30/2022 05:15 PM
Pentachlorophenol	ND		2,100	µg/Kg-dry	1	12/30/2022 05:15 PM
Phenacetin	ND		840	µg/Kg-dry	1	12/30/2022 05:15 PM
Phenanthrene	**480**		**250**	**µg/Kg-dry**	1	12/30/2022 05:15 PM
Phenol	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Pyrene	**610**		**250**	**µg/Kg-dry**	1	12/30/2022 05:15 PM
Pyridine	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Safrole	ND		420	µg/Kg-dry	1	12/30/2022 05:15 PM
Surr: 2,4,6-Tribromophenol	*63.9*		*14.2-136*	*%REC*	1	12/30/2022 05:15 PM
Surr: 2-Fluorobiphenyl	*67.8*		*30-116*	*%REC*	1	12/30/2022 05:15 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 937 Ferndale-SB:2-4 **Lab ID:** 22120921-04
Collection Date: 12/19/2022 11:00 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorophenol	*38.8*		*24-105*	*%REC*	1	12/30/2022 05:15 PM
Surr: 4-Terphenyl-d14	*68.6*		*27.3-138*	*%REC*	1	12/30/2022 05:15 PM
Surr: Nitrobenzene-d5	*58.2*		*23.7-109*	*%REC*	1	12/30/2022 05:15 PM
Surr: Phenol-d5	*39.3*		*24.9-103*	*%REC*	1	12/30/2022 05:15 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 22120921
Sample ID: 946 Mayfield-SB:2-4
Lab ID: 22120921-05
Collection Date: 12/19/2022 11:30 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**			Analyst: **AB**
Moisture	**24**			**% of sample**	1	1/5/2023
MERCURY BY CVAA			**SW7471A**	Prep: EPA 7471 1/3/23 14:27		Analyst: **SLT**
Mercury	**2.9**		**0.74**	**mg/Kg-dry**	2	1/4/2023 02:27 PM
METALS BY ICP			**SW6010B**	Prep: SW3050B 1/3/23 14:27		Analyst: **AZ**
Arsenic	**20**		**6.0**	**mg/Kg-dry**	1	1/4/2023 08:09 PM
Barium	**270**		**24**	**mg/Kg-dry**	1	1/4/2023 08:09 PM
Cadmium	**1.4**		**1.2**	**mg/Kg-dry**	1	1/4/2023 08:09 PM
Chromium	**25**		**12**	**mg/Kg-dry**	1	1/4/2023 08:09 PM
Lead	**1,100**		**24**	**mg/Kg-dry**	1	1/4/2023 08:09 PM
Selenium	ND		3.6	mg/Kg-dry	1	1/4/2023 08:09 PM
Silver	ND		6.0	mg/Kg-dry	1	1/4/2023 08:09 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**	Prep: SW3546 12/29/22 19:24		Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
1,2,4-Trichlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
1,2-Dichlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
1,3-Dichlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
1,3-Dinitrobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
1,4-Dichlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
1-Methylnaphthalene	ND		260	µg/Kg-dry	1	12/30/2022 05:36 PM
1-Naphthylamine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2,3,4,6-Tetrachlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2,4,5-Trichlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2,4,6-Trichlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2,4-Dichlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2,4-Dimethylphenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2,4-Dinitrophenol	ND		2,200	µg/Kg-dry	1	12/30/2022 05:36 PM
2,4-Dinitrotoluene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2,6-Dichlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2,6-Dinitrotoluene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2-Acetylaminofluorene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2-Chloronaphthalene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2-Chlorophenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2-Methylnaphthalene	ND		260	µg/Kg-dry	1	12/30/2022 05:36 PM
2-Methylphenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2-Naphthylamine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
2-Nitroaniline	ND		2,200	µg/Kg-dry	1	12/30/2022 05:36 PM
2-Nitrophenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 946 Mayfield-SB:2-4 **Lab ID:** 22120921-05
Collection Date: 12/19/2022 11:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Picoline	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
3&4-Methylphenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
3,3`-Dichlorobenzidine	ND		870	µg/Kg-dry	1	12/30/2022 05:36 PM
3-Methylcholanthrene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
3-Nitroaniline	ND		2,200	µg/Kg-dry	1	12/30/2022 05:36 PM
4,6-Dinitro-2-methylphenol	ND		2,200	µg/Kg-dry	1	12/30/2022 05:36 PM
4-Aminobiphenyl	ND		870	µg/Kg-dry	1	12/30/2022 05:36 PM
4-Bromophenyl phenyl ether	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
4-Chloro-3-methylphenol	ND		870	µg/Kg-dry	1	12/30/2022 05:36 PM
4-Chloroaniline	ND		870	µg/Kg-dry	1	12/30/2022 05:36 PM
4-Chlorophenyl phenyl ether	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
4-Nitroaniline	ND		870	µg/Kg-dry	1	12/30/2022 05:36 PM
4-Nitrophenol	ND		2,200	µg/Kg-dry	1	12/30/2022 05:36 PM
4-Nitroquinoline 1-oxide	ND		2,200	µg/Kg-dry	1	12/30/2022 05:36 PM
5-Nitro-o-toluidine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
7,12-Dimethylbenz(a)anthracene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Acenaphthene	ND		260	µg/Kg-dry	1	12/30/2022 05:36 PM
Acenaphthylene	ND		260	µg/Kg-dry	1	12/30/2022 05:36 PM
Acetophenone	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Aniline	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Anthracene	**590**		**260**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Azobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Benzidine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Benzo(a)anthracene	**1,800**		**130**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Benzo(a)pyrene	**1,700**		**130**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Benzo(b)fluoranthene	**2,000**		**260**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Benzo(g,h,i)perylene	**950**		**260**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Benzo(k)fluoranthene	**2,100**		**260**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Benzyl alcohol	ND		870	µg/Kg-dry	1	12/30/2022 05:36 PM
Bis(2-chloroethoxy)methane	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Bis(2-chloroethyl)ether	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Bis(2-chloroisopropyl)ether	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Bis(2-ethylhexyl)phthalate	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Butyl benzyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Carbazole	ND		260	µg/Kg-dry	1	12/30/2022 05:36 PM
Chrysene	**1,600**		**260**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Dibenzo(a,h)anthracene	**230**		**130**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Dibenzofuran	ND		260	µg/Kg-dry	1	12/30/2022 05:36 PM
Diethyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Dimethyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 946 Mayfield-SB:2-4 **Lab ID:** 22120921-05
Collection Date: 12/19/2022 11:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-butyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Di-n-octyl phthalate	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Dinoseb	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Diphenylamine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Ethyl methanesulfonate	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Fluoranthene	**3,700**		**260**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Fluorene	ND		260	µg/Kg-dry	1	12/30/2022 05:36 PM
Hexachlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Hexachlorobutadiene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Hexachlorocyclopentadiene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Hexachloroethane	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Indeno(1,2,3-cd)pyrene	**910**		**130**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Isophorone	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Isosafrole	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Methapyrilene	ND		2,200	µg/Kg-dry	1	12/30/2022 05:36 PM
Methyl methanesulfonate	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Naphthalene	ND		260	µg/Kg-dry	1	12/30/2022 05:36 PM
Nitrobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
N-Nitrosodiethylamine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
N-Nitrosodimethylamine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
N-Nitroso-di-n-butylamine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
N-Nitrosodi-n-propylamine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
N-Nitrosomethylethylamine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
N-Nitrosomorpholine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
N-Nitrosopiperidine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
N-Nitrosopyrrolidine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
o-Toluidine	ND		2,200	µg/Kg-dry	1	12/30/2022 05:36 PM
p-Dimethylaminoazobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Pentachlorobenzene	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Pentachloroethane	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Pentachloronitrobenzene	ND		870	µg/Kg-dry	1	12/30/2022 05:36 PM
Pentachlorophenol	ND		2,200	µg/Kg-dry	1	12/30/2022 05:36 PM
Phenacetin	ND		870	µg/Kg-dry	1	12/30/2022 05:36 PM
Phenanthrene	**630**		**260**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Phenol	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Pyrene	**3,000**		**260**	**µg/Kg-dry**	1	12/30/2022 05:36 PM
Pyridine	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Safrole	ND		440	µg/Kg-dry	1	12/30/2022 05:36 PM
Surr: 2,4,6-Tribromophenol	*66.7*		*14.2-136*	*%REC*	1	12/30/2022 05:36 PM
Surr: 2-Fluorobiphenyl	*75.6*		*30-116*	*%REC*	1	12/30/2022 05:36 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 22120921
Sample ID: 946 Mayfield-SB:2-4
Lab ID: 22120921-05
Collection Date: 12/19/2022 11:30 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorophenol	*56.0*		*24-105*	*%REC*	1	12/30/2022 05:36 PM
Surr: 4-Terphenyl-d14	*76.2*		*27.3-138*	*%REC*	1	12/30/2022 05:36 PM
Surr: Nitrobenzene-d5	*63.3*		*23.7-109*	*%REC*	1	12/30/2022 05:36 PM
Surr: Phenol-d5	*58.2*		*24.9-103*	*%REC*	1	12/30/2022 05:36 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 22120921
Sample ID: 930 Mayfield-SB:2-4
Lab ID: 22120921-06
Collection Date: 12/19/2022 12:00 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**			Analyst: **AB**
Moisture	**28**			**% of sample**	1	1/5/2023
MERCURY BY CVAA			**SW7471A**	Prep: EPA 7471 1/3/23 14:27		Analyst: **SLT**
Mercury	**0.98**		**0.40**	**mg/Kg-dry**	1	1/4/2023 11:04 AM
METALS BY ICP			**SW6010B**	Prep: SW3050B 1/3/23 14:27		Analyst: **AZ**
Arsenic	**21**		**6.9**	**mg/Kg-dry**	1	1/4/2023 08:13 PM
Barium	**440**		**27**	**mg/Kg-dry**	1	1/4/2023 08:13 PM
Cadmium	**2.4**		**1.4**	**mg/Kg-dry**	1	1/4/2023 08:13 PM
Chromium	**30**		**14**	**mg/Kg-dry**	1	1/4/2023 08:13 PM
Lead	**540**		**27**	**mg/Kg-dry**	1	1/4/2023 08:13 PM
Selenium	ND		4.1	mg/Kg-dry	1	1/4/2023 08:13 PM
Silver	ND		6.9	mg/Kg-dry	1	1/4/2023 08:13 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**	Prep: SW3546 12/29/22 19:24		Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
1,2,4-Trichlorobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
1,2-Dichlorobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
1,3-Dichlorobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
1,3-Dinitrobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
1,4-Dichlorobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
1-Methylnaphthalene	ND		280	µg/Kg-dry	1	12/30/2022 05:57 PM
1-Naphthylamine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2,3,4,6-Tetrachlorophenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2,4,5-Trichlorophenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2,4,6-Trichlorophenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2,4-Dichlorophenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2,4-Dimethylphenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2,4-Dinitrophenol	ND		2,300	µg/Kg-dry	1	12/30/2022 05:57 PM
2,4-Dinitrotoluene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2,6-Dichlorophenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2,6-Dinitrotoluene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2-Acetylaminofluorene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2-Chloronaphthalene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2-Chlorophenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2-Methylnaphthalene	ND		280	µg/Kg-dry	1	12/30/2022 05:57 PM
2-Methylphenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2-Naphthylamine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
2-Nitroaniline	ND		2,300	µg/Kg-dry	1	12/30/2022 05:57 PM
2-Nitrophenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 930 Mayfield-SB:2-4 **Lab ID:** 22120921-06
Collection Date: 12/19/2022 12:00 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Picoline	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
3&4-Methylphenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
3,3`-Dichlorobenzidine	ND		910	µg/Kg-dry	1	12/30/2022 05:57 PM
3-Methylcholanthrene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
3-Nitroaniline	ND		2,300	µg/Kg-dry	1	12/30/2022 05:57 PM
4,6-Dinitro-2-methylphenol	ND		2,300	µg/Kg-dry	1	12/30/2022 05:57 PM
4-Aminobiphenyl	ND		910	µg/Kg-dry	1	12/30/2022 05:57 PM
4-Bromophenyl phenyl ether	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
4-Chloro-3-methylphenol	ND		910	µg/Kg-dry	1	12/30/2022 05:57 PM
4-Chloroaniline	ND		910	µg/Kg-dry	1	12/30/2022 05:57 PM
4-Chlorophenyl phenyl ether	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
4-Nitroaniline	ND		910	µg/Kg-dry	1	12/30/2022 05:57 PM
4-Nitrophenol	ND		2,300	µg/Kg-dry	1	12/30/2022 05:57 PM
4-Nitroquinoline 1-oxide	ND		2,300	µg/Kg-dry	1	12/30/2022 05:57 PM
5-Nitro-o-toluidine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
7,12-Dimethylbenz(a)anthracene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Acenaphthene	**510**		**280**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Acenaphthylene	ND		280	µg/Kg-dry	1	12/30/2022 05:57 PM
Acetophenone	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Aniline	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Anthracene	**1,800**		**280**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Azobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Benzidine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Benzo(a)anthracene	**3,800**		**140**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Benzo(a)pyrene	**3,600**		**140**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Benzo(b)fluoranthene	**4,400**		**280**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Benzo(g,h,i)perylene	**2,100**		**280**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Benzo(k)fluoranthene	**1,700**		**280**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Benzyl alcohol	ND		910	µg/Kg-dry	1	12/30/2022 05:57 PM
Bis(2-chloroethoxy)methane	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Bis(2-chloroethyl)ether	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Bis(2-chloroisopropyl)ether	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Bis(2-ethylhexyl)phthalate	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Butyl benzyl phthalate	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Carbazole	**650**		**280**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Chrysene	**3,800**		**280**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Dibenzo(a,h)anthracene	**610**		**140**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Dibenzofuran	**420**		**280**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Diethyl phthalate	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Dimethyl phthalate	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 930 Mayfield-SB:2-4 **Lab ID:** 22120921-06
Collection Date: 12/19/2022 12:00 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-butyl phthalate	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Di-n-octyl phthalate	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Dinoseb	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Diphenylamine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Ethyl methanesulfonate	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Fluoranthene	**12,000**		**1,400**	**µg/Kg-dry**	5	1/3/2023 03:50 PM
Fluorene	**570**		**280**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Hexachlorobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Hexachlorobutadiene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Hexachlorocyclopentadiene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Hexachloroethane	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Indeno(1,2,3-cd)pyrene	**1,900**		**140**	**µg/Kg-dry**	1	12/30/2022 05:57 PM
Isophorone	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Isosafrole	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Methapyrilene	ND		2,300	µg/Kg-dry	1	12/30/2022 05:57 PM
Methyl methanesulfonate	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Naphthalene	ND		280	µg/Kg-dry	1	12/30/2022 05:57 PM
Nitrobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
N-Nitrosodiethylamine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
N-Nitrosodimethylamine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
N-Nitroso-di-n-butylamine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
N-Nitrosodi-n-propylamine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
N-Nitrosomethylethylamine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
N-Nitrosomorpholine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
N-Nitrosopiperidine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
N-Nitrosopyrrolidine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
o-Toluidine	ND		2,300	µg/Kg-dry	1	12/30/2022 05:57 PM
p-Dimethylaminoazobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Pentachlorobenzene	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Pentachloroethane	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Pentachloronitrobenzene	ND		910	µg/Kg-dry	1	12/30/2022 05:57 PM
Pentachlorophenol	ND		2,300	µg/Kg-dry	1	12/30/2022 05:57 PM
Phenacetin	ND		910	µg/Kg-dry	1	12/30/2022 05:57 PM
Phenanthrene	**8,200**		**1,400**	**µg/Kg-dry**	5	1/3/2023 03:50 PM
Phenol	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Pyrene	**9,500**		**1,400**	**µg/Kg-dry**	5	1/3/2023 03:50 PM
Pyridine	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Safrole	ND		460	µg/Kg-dry	1	12/30/2022 05:57 PM
Surr: 2,4,6-Tribromophenol	*71.8*		*14.2-136*	*%REC*	1	12/30/2022 05:57 PM
Surr: 2-Fluorobiphenyl	*72.7*		*30-116*	*%REC*	1	12/30/2022 05:57 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 22120921
Sample ID: 930 Mayfield-SB:2-4
Lab ID: 22120921-06
Collection Date: 12/19/2022 12:00 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorophenol	*53.2*		*24-105*	*%REC*	1	12/30/2022 05:57 PM
Surr: 4-Terphenyl-d14	*71.5*		*27.3-138*	*%REC*	1	12/30/2022 05:57 PM
Surr: Nitrobenzene-d5	*62.0*		*23.7-109*	*%REC*	1	12/30/2022 05:57 PM
Surr: Phenol-d5	*55.7*		*24.9-103*	*%REC*	1	12/30/2022 05:57 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Sample ID: 940 Mayfield-SB:2-4
Collection Date: 12/19/2022 01:30 PM

Work Order: 22120921
Lab ID: 22120921-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**			Analyst: **AB**
Moisture	**13**			**% of sample**	1	1/5/2023
MERCURY BY CVAA			**SW7471A**	Prep: EPA 7471 1/3/23 14:27		Analyst: **SLT**
Mercury	**24**		**17**	**mg/Kg-dry**	50	1/4/2023 02:51 PM
METALS BY ICP			**SW6010B**	Prep: SW3050B 1/3/23 14:27		Analyst: **AZ**
Arsenic	**28**		**5.5**	**mg/Kg-dry**	1	1/4/2023 08:16 PM
Barium	**350**		**22**	**mg/Kg-dry**	1	1/4/2023 08:16 PM
Cadmium	**17**		**1.1**	**mg/Kg-dry**	1	1/4/2023 08:16 PM
Chromium	**20**		**11**	**mg/Kg-dry**	1	1/4/2023 08:16 PM
Lead	**610**		**22**	**mg/Kg-dry**	1	1/4/2023 08:16 PM
Selenium	**5.3**		**3.3**	**mg/Kg-dry**	1	1/4/2023 08:16 PM
Silver	ND		5.5	mg/Kg-dry	1	1/6/2023 10:47 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**	Prep: SW3546 12/29/22 19:24		Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
1,2,4-Trichlorobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
1,2-Dichlorobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
1,3-Dichlorobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
1,3-Dinitrobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
1,4-Dichlorobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
1-Methylnaphthalene	ND		230	µg/Kg-dry	1	12/30/2022 06:18 PM
1-Naphthylamine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2,3,4,6-Tetrachlorophenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2,4,5-Trichlorophenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2,4,6-Trichlorophenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2,4-Dichlorophenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2,4-Dimethylphenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2,4-Dinitrophenol	ND		1,900	µg/Kg-dry	1	12/30/2022 06:18 PM
2,4-Dinitrotoluene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2,6-Dichlorophenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2,6-Dinitrotoluene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2-Acetylaminofluorene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2-Chloronaphthalene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2-Chlorophenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2-Methylnaphthalene	ND		230	µg/Kg-dry	1	12/30/2022 06:18 PM
2-Methylphenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2-Naphthylamine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
2-Nitroaniline	ND		1,900	µg/Kg-dry	1	12/30/2022 06:18 PM
2-Nitrophenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 940 Mayfield-SB:2-4 **Lab ID:** 22120921-07
Collection Date: 12/19/2022 01:30 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Picoline	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
3&4-Methylphenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
3,3`-Dichlorobenzidine	ND		760	µg/Kg-dry	1	12/30/2022 06:18 PM
3-Methylcholanthrene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
3-Nitroaniline	ND		1,900	µg/Kg-dry	1	12/30/2022 06:18 PM
4,6-Dinitro-2-methylphenol	ND		1,900	µg/Kg-dry	1	12/30/2022 06:18 PM
4-Aminobiphenyl	ND		760	µg/Kg-dry	1	12/30/2022 06:18 PM
4-Bromophenyl phenyl ether	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
4-Chloro-3-methylphenol	ND		760	µg/Kg-dry	1	12/30/2022 06:18 PM
4-Chloroaniline	ND		760	µg/Kg-dry	1	12/30/2022 06:18 PM
4-Chlorophenyl phenyl ether	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
4-Nitroaniline	ND		760	µg/Kg-dry	1	12/30/2022 06:18 PM
4-Nitrophenol	ND		1,900	µg/Kg-dry	1	12/30/2022 06:18 PM
4-Nitroquinoline 1-oxide	ND		1,900	µg/Kg-dry	1	12/30/2022 06:18 PM
5-Nitro-o-toluidine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
7,12-Dimethylbenz(a)anthracene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Acenaphthene	ND		230	µg/Kg-dry	1	12/30/2022 06:18 PM
Acenaphthylene	ND		230	µg/Kg-dry	1	12/30/2022 06:18 PM
Acetophenone	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Aniline	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Anthracene	**290**		**230**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Azobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Benzidine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Benzo(a)anthracene	**1,200**		**110**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Benzo(a)pyrene	**1,100**		**110**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Benzo(b)fluoranthene	**1,500**		**230**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Benzo(g,h,i)perylene	**640**		**230**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Benzo(k)fluoranthene	**500**		**230**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Benzyl alcohol	ND		760	µg/Kg-dry	1	12/30/2022 06:18 PM
Bis(2-chloroethoxy)methane	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Bis(2-chloroethyl)ether	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Bis(2-chloroisopropyl)ether	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Bis(2-ethylhexyl)phthalate	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Butyl benzyl phthalate	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Carbazole	ND		230	µg/Kg-dry	1	12/30/2022 06:18 PM
Chrysene	**1,200**		**230**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Dibenzo(a,h)anthracene	**180**		**110**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Dibenzofuran	ND		230	µg/Kg-dry	1	12/30/2022 06:18 PM
Diethyl phthalate	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Dimethyl phthalate	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 940 Mayfield-SB:2-4 **Lab ID:** 22120921-07
Collection Date: 12/19/2022 01:30 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-butyl phthalate	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Di-n-octyl phthalate	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Dinoseb	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Diphenylamine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Ethyl methanesulfonate	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Fluoranthene	**1,800**		**230**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Fluorene	ND		230	µg/Kg-dry	1	12/30/2022 06:18 PM
Hexachlorobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Hexachlorobutadiene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Hexachlorocyclopentadiene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Hexachloroethane	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Indeno(1,2,3-cd)pyrene	**610**		**110**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Isophorone	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Isosafrole	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Methapyrilene	ND		1,900	µg/Kg-dry	1	12/30/2022 06:18 PM
Methyl methanesulfonate	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Naphthalene	ND		230	µg/Kg-dry	1	12/30/2022 06:18 PM
Nitrobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
N-Nitrosodiethylamine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
N-Nitrosodimethylamine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
N-Nitroso-di-n-butylamine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
N-Nitrosodi-n-propylamine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
N-Nitrosomethylethylamine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
N-Nitrosomorpholine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
N-Nitrosopiperidine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
N-Nitrosopyrrolidine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
o-Toluidine	ND		1,900	µg/Kg-dry	1	12/30/2022 06:18 PM
p-Dimethylaminoazobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Pentachlorobenzene	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Pentachloroethane	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Pentachloronitrobenzene	ND		760	µg/Kg-dry	1	12/30/2022 06:18 PM
Pentachlorophenol	ND		1,900	µg/Kg-dry	1	12/30/2022 06:18 PM
Phenacetin	ND		760	µg/Kg-dry	1	12/30/2022 06:18 PM
Phenanthrene	**1,100**		**230**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Phenol	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Pyrene	**1,500**		**230**	**µg/Kg-dry**	1	12/30/2022 06:18 PM
Pyridine	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Safrole	ND		380	µg/Kg-dry	1	12/30/2022 06:18 PM
Surr: 2,4,6-Tribromophenol	*32.4*		*14.2-136*	*%REC*	1	12/30/2022 06:18 PM
Surr: 2-Fluorobiphenyl	*61.1*		*30-116*	*%REC*	1	12/30/2022 06:18 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 940 Mayfield-SB:2-4 **Lab ID:** 22120921-07
Collection Date: 12/19/2022 01:30 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorophenol	*22.8*	S	*24-105*	*%REC*	1	12/30/2022 06:18 PM
Surr: 4-Terphenyl-d14	*63.7*		*27.3-138*	*%REC*	1	12/30/2022 06:18 PM
Surr: Nitrobenzene-d5	*51.6*		*23.7-109*	*%REC*	1	12/30/2022 06:18 PM
Surr: Phenol-d5	*29.5*		*24.9-103*	*%REC*	1	12/30/2022 06:18 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 22120921
Sample ID: 956-958 Ferndale-SB:2-4
Lab ID: 22120921-08
Collection Date: 12/21/2022 10:30 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**			Analyst: **AB**
Moisture	**56**			**% of sample**	1	1/5/2023
MERCURY BY CVAA			**SW7471A**	Prep: EPA 7471 1/3/23 14:27		Analyst: **SLT**
Mercury	ND		0.66	mg/Kg-dry	1	1/4/2023 11:12 AM
METALS BY ICP			**SW6010B**	Prep: SW3050B 1/3/23 14:27		Analyst: **AZ**
Arsenic	**50**		**11**	**mg/Kg-dry**	1	1/4/2023 08:20 PM
Barium	**650**		**43**	**mg/Kg-dry**	1	1/4/2023 08:20 PM
Cadmium	**2.7**		**2.1**	**mg/Kg-dry**	1	1/4/2023 08:20 PM
Chromium	**47**		**21**	**mg/Kg-dry**	1	1/4/2023 08:20 PM
Lead	**1,300**		**43**	**mg/Kg-dry**	1	1/4/2023 08:20 PM
Selenium	ND		6.4	mg/Kg-dry	1	1/4/2023 08:20 PM
Silver	ND		11	mg/Kg-dry	1	1/4/2023 08:20 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**	Prep: SW3546 12/29/22 19:24		Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
1,2,4-Trichlorobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
1,2-Dichlorobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
1,3-Dichlorobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
1,3-Dinitrobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
1,4-Dichlorobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
1-Methylnaphthalene	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
1-Naphthylamine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2,3,4,6-Tetrachlorophenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2,4,5-Trichlorophenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2,4,6-Trichlorophenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2,4-Dichlorophenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2,4-Dimethylphenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2,4-Dinitrophenol	ND		3,700	µg/Kg-dry	1	12/30/2022 06:39 PM
2,4-Dinitrotoluene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2,6-Dichlorophenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2,6-Dinitrotoluene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2-Acetylaminofluorene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2-Chloronaphthalene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2-Chlorophenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2-Methylnaphthalene	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
2-Methylphenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2-Naphthylamine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
2-Nitroaniline	ND		3,700	µg/Kg-dry	1	12/30/2022 06:39 PM
2-Nitrophenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 956-958 Ferndale-SB:2-4 **Lab ID:** 22120921-08
Collection Date: 12/21/2022 10:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Picoline	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
3&4-Methylphenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
3,3`-Dichlorobenzidine	ND		1,500	µg/Kg-dry	1	12/30/2022 06:39 PM
3-Methylcholanthrene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
3-Nitroaniline	ND		3,700	µg/Kg-dry	1	12/30/2022 06:39 PM
4,6-Dinitro-2-methylphenol	ND		3,700	µg/Kg-dry	1	12/30/2022 06:39 PM
4-Aminobiphenyl	ND		1,500	µg/Kg-dry	1	12/30/2022 06:39 PM
4-Bromophenyl phenyl ether	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
4-Chloro-3-methylphenol	ND		1,500	µg/Kg-dry	1	12/30/2022 06:39 PM
4-Chloroaniline	ND		1,500	µg/Kg-dry	1	12/30/2022 06:39 PM
4-Chlorophenyl phenyl ether	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
4-Nitroaniline	ND		1,500	µg/Kg-dry	1	12/30/2022 06:39 PM
4-Nitrophenol	ND		3,700	µg/Kg-dry	1	12/30/2022 06:39 PM
4-Nitroquinoline 1-oxide	ND		3,700	µg/Kg-dry	1	12/30/2022 06:39 PM
5-Nitro-o-toluidine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
7,12-Dimethylbenz(a)anthracene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Acenaphthene	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
Acenaphthylene	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
Acetophenone	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Aniline	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Anthracene	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
Azobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Benzidine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Benzo(a)anthracene	**660**		**230**	**µg/Kg-dry**	1	12/30/2022 06:39 PM
Benzo(a)pyrene	**670**		**230**	**µg/Kg-dry**	1	12/30/2022 06:39 PM
Benzo(b)fluoranthene	**890**		**450**	**µg/Kg-dry**	1	12/30/2022 06:39 PM
Benzo(g,h,i)perylene	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
Benzo(k)fluoranthene	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
Benzyl alcohol	ND		1,500	µg/Kg-dry	1	12/30/2022 06:39 PM
Bis(2-chloroethoxy)methane	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Bis(2-chloroethyl)ether	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Bis(2-chloroisopropyl)ether	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Bis(2-ethylhexyl)phthalate	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Butyl benzyl phthalate	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Carbazole	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
Chrysene	**700**		**450**	**µg/Kg-dry**	1	12/30/2022 06:39 PM
Dibenzo(a,h)anthracene	ND		230	µg/Kg-dry	1	12/30/2022 06:39 PM
Dibenzofuran	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
Diethyl phthalate	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Dimethyl phthalate	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 956-958 Ferndale-SB:2-4 **Lab ID:** 22120921-08
Collection Date: 12/21/2022 10:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-butyl phthalate	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Di-n-octyl phthalate	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Dinoseb	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Diphenylamine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Ethyl methanesulfonate	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Fluoranthene	**1,400**		**450**	**µg/Kg-dry**	1	12/30/2022 06:39 PM
Fluorene	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
Hexachlorobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Hexachlorobutadiene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Hexachlorocyclopentadiene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Hexachloroethane	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Indeno(1,2,3-cd)pyrene	**360**		**230**	**µg/Kg-dry**	1	12/30/2022 06:39 PM
Isophorone	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Isosafrole	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Methapyrilene	ND		3,700	µg/Kg-dry	1	12/30/2022 06:39 PM
Methyl methanesulfonate	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Naphthalene	ND		450	µg/Kg-dry	1	12/30/2022 06:39 PM
Nitrobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
N-Nitrosodiethylamine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
N-Nitrosodimethylamine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
N-Nitroso-di-n-butylamine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
N-Nitrosodi-n-propylamine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
N-Nitrosomethylethylamine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
N-Nitrosomorpholine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
N-Nitrosopiperidine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
N-Nitrosopyrrolidine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
o-Toluidine	ND		3,700	µg/Kg-dry	1	12/30/2022 06:39 PM
p-Dimethylaminoazobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Pentachlorobenzene	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Pentachloroethane	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Pentachloronitrobenzene	ND		1,500	µg/Kg-dry	1	12/30/2022 06:39 PM
Pentachlorophenol	ND		3,700	µg/Kg-dry	1	12/30/2022 06:39 PM
Phenacetin	ND		1,500	µg/Kg-dry	1	12/30/2022 06:39 PM
Phenanthrene	**1,100**		**450**	**µg/Kg-dry**	1	12/30/2022 06:39 PM
Phenol	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Pyrene	**1,200**		**450**	**µg/Kg-dry**	1	12/30/2022 06:39 PM
Pyridine	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Safrole	ND		750	µg/Kg-dry	1	12/30/2022 06:39 PM
Surr: 2,4,6-Tribromophenol	*79.9*		*14.2-136*	*%REC*	1	12/30/2022 06:39 PM
Surr: 2-Fluorobiphenyl	*78.1*		*30-116*	*%REC*	1	12/30/2022 06:39 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 956-958 Ferndale-SB:2-4 **Lab ID:** 22120921-08
Collection Date: 12/21/2022 10:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorophenol	*65.6*		*24-105*	*%REC*	1	12/30/2022 06:39 PM
Surr: 4-Terphenyl-d14	*79.1*		*27.3-138*	*%REC*	1	12/30/2022 06:39 PM
Surr: Nitrobenzene-d5	*70.9*		*23.7-109*	*%REC*	1	12/30/2022 06:39 PM
Surr: Phenol-d5	*66.5*		*24.9-103*	*%REC*	1	12/30/2022 06:39 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Sample ID: 948 Ferndale-SB:2-4
Collection Date: 12/21/2022 11:00 AM

Work Order: 22120921
Lab ID: 22120921-09
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**			Analyst: **AB**
Moisture	**1.5**			**% of sample**	1	1/5/2023
MERCURY BY CVAA			**SW7471A**	Prep: EPA 7471 1/3/23 14:27		Analyst: **SLT**
Mercury	ND		0.29	mg/Kg-dry	1	1/4/2023 11:18 AM
METALS BY ICP			**SW6010B**	Prep: SW3050B 1/3/23 14:27		Analyst: **AZ**
Arsenic	**16**		**5.0**	**mg/Kg-dry**	1	1/4/2023 08:24 PM
Barium	**250**		**20**	**mg/Kg-dry**	1	1/4/2023 08:24 PM
Cadmium	**1.3**		**1.0**	**mg/Kg-dry**	1	1/4/2023 08:24 PM
Chromium	**13**		**10**	**mg/Kg-dry**	1	1/4/2023 08:24 PM
Lead	**200**		**20**	**mg/Kg-dry**	1	1/4/2023 08:24 PM
Selenium	ND		3.0	mg/Kg-dry	1	1/4/2023 08:24 PM
Silver	ND		5.0	mg/Kg-dry	1	1/4/2023 08:24 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**	Prep: SW3546 12/29/22 19:24		Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
1,2,4-Trichlorobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
1,2-Dichlorobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
1,3-Dichlorobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
1,3-Dinitrobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
1,4-Dichlorobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
1-Methylnaphthalene	ND		200	µg/Kg-dry	1	12/30/2022 07:00 PM
1-Naphthylamine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2,3,4,6-Tetrachlorophenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2,4,5-Trichlorophenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2,4,6-Trichlorophenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2,4-Dichlorophenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2,4-Dimethylphenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2,4-Dinitrophenol	ND		1,700	µg/Kg-dry	1	12/30/2022 07:00 PM
2,4-Dinitrotoluene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2,6-Dichlorophenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2,6-Dinitrotoluene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2-Acetylaminofluorene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2-Chloronaphthalene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2-Chlorophenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2-Methylnaphthalene	ND		200	µg/Kg-dry	1	12/30/2022 07:00 PM
2-Methylphenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2-Naphthylamine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
2-Nitroaniline	ND		1,700	µg/Kg-dry	1	12/30/2022 07:00 PM
2-Nitrophenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 948 Ferndale-SB:2-4 **Lab ID:** 22120921-09
Collection Date: 12/21/2022 11:00 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Picoline	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
3&4-Methylphenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
3,3`-Dichlorobenzidine	ND		670	µg/Kg-dry	1	12/30/2022 07:00 PM
3-Methylcholanthrene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
3-Nitroaniline	ND		1,700	µg/Kg-dry	1	12/30/2022 07:00 PM
4,6-Dinitro-2-methylphenol	ND		1,700	µg/Kg-dry	1	12/30/2022 07:00 PM
4-Aminobiphenyl	ND		670	µg/Kg-dry	1	12/30/2022 07:00 PM
4-Bromophenyl phenyl ether	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
4-Chloro-3-methylphenol	ND		670	µg/Kg-dry	1	12/30/2022 07:00 PM
4-Chloroaniline	ND		670	µg/Kg-dry	1	12/30/2022 07:00 PM
4-Chlorophenyl phenyl ether	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
4-Nitroaniline	ND		670	µg/Kg-dry	1	12/30/2022 07:00 PM
4-Nitrophenol	ND		1,700	µg/Kg-dry	1	12/30/2022 07:00 PM
4-Nitroquinoline 1-oxide	ND		1,700	µg/Kg-dry	1	12/30/2022 07:00 PM
5-Nitro-o-toluidine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
7,12-Dimethylbenz(a)anthracene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Acenaphthene	ND		200	µg/Kg-dry	1	12/30/2022 07:00 PM
Acenaphthylene	ND		200	µg/Kg-dry	1	12/30/2022 07:00 PM
Acetophenone	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Aniline	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Anthracene	ND		200	µg/Kg-dry	1	12/30/2022 07:00 PM
Azobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Benzidine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Benzo(a)anthracene	**670**		**100**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Benzo(a)pyrene	**640**		**100**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Benzo(b)fluoranthene	**810**		**200**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Benzo(g,h,i)perylene	**370**		**200**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Benzo(k)fluoranthene	**300**		**200**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Benzyl alcohol	ND		670	µg/Kg-dry	1	12/30/2022 07:00 PM
Bis(2-chloroethoxy)methane	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Bis(2-chloroethyl)ether	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Bis(2-chloroisopropyl)ether	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Bis(2-ethylhexyl)phthalate	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Butyl benzyl phthalate	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Carbazole	ND		200	µg/Kg-dry	1	12/30/2022 07:00 PM
Chrysene	**650**		**200**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Dibenzo(a,h)anthracene	ND		100	µg/Kg-dry	1	12/30/2022 07:00 PM
Dibenzofuran	ND		200	µg/Kg-dry	1	12/30/2022 07:00 PM
Diethyl phthalate	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Dimethyl phthalate	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM

Note:

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 948 Ferndale-SB:2-4 **Lab ID:** 22120921-09
Collection Date: 12/21/2022 11:00 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-butyl phthalate	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Di-n-octyl phthalate	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Dinoseb	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Diphenylamine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Ethyl methanesulfonate	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Fluoranthene	**1,300**		**200**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Fluorene	ND		200	µg/Kg-dry	1	12/30/2022 07:00 PM
Hexachlorobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Hexachlorobutadiene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Hexachlorocyclopentadiene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Hexachloroethane	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Indeno(1,2,3-cd)pyrene	**330**		**100**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Isophorone	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Isosafrole	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Methapyrilene	ND		1,700	µg/Kg-dry	1	12/30/2022 07:00 PM
Methyl methanesulfonate	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Naphthalene	ND		200	µg/Kg-dry	1	12/30/2022 07:00 PM
Nitrobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
N-Nitrosodiethylamine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
N-Nitrosodimethylamine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
N-Nitroso-di-n-butylamine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
N-Nitrosodi-n-propylamine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
N-Nitrosomethylethylamine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
N-Nitrosomorpholine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
N-Nitrosopiperidine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
N-Nitrosopyrrolidine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
o-Toluidine	ND		1,700	µg/Kg-dry	1	12/30/2022 07:00 PM
p-Dimethylaminoazobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Pentachlorobenzene	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Pentachloroethane	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Pentachloronitrobenzene	ND		670	µg/Kg-dry	1	12/30/2022 07:00 PM
Pentachlorophenol	ND		1,700	µg/Kg-dry	1	12/30/2022 07:00 PM
Phenacetin	ND		670	µg/Kg-dry	1	12/30/2022 07:00 PM
Phenanthrene	**810**		**200**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Phenol	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Pyrene	**1,100**		**200**	**µg/Kg-dry**	1	12/30/2022 07:00 PM
Pyridine	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Safrole	ND		340	µg/Kg-dry	1	12/30/2022 07:00 PM
Surr: 2,4,6-Tribromophenol	*75.5*		*14.2-136*	*%REC*	1	12/30/2022 07:00 PM
Surr: 2-Fluorobiphenyl	*77.5*		*30-116*	*%REC*	1	12/30/2022 07:00 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 22120921
Sample ID: 948 Ferndale-SB:2-4 **Lab ID:** 22120921-09
Collection Date: 12/21/2022 11:00 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorophenol	*58.4*		*24-105*	*%REC*	1	12/30/2022 07:00 PM
Surr: 4-Terphenyl-d14	*78.2*		*27.3-138*	*%REC*	1	12/30/2022 07:00 PM
Surr: Nitrobenzene-d5	*67.5*		*23.7-109*	*%REC*	1	12/30/2022 07:00 PM
Surr: Phenol-d5	*60.4*		*24.9-103*	*%REC*	1	12/30/2022 07:00 PM

Note:

ALS Environmental

Date: 11-Jan-23

Client: Pandey Environmental, LLC
Project: BFM-9
WorkOrder: **22120921**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
% of sample	
µg/Kg-dry	
mg/Kg-dry	

ALS Environmental

Date: 11-Jan-23

Client: Pandey Environmental, LLC

Work Order: 22120921

Project: BFM-9

QC BATCH REPORT

Batch ID: **88528** Instrument ID **HG2** Method: **SW7471A**

MBLK	Sample ID: **mblk-88528-88528**				Units: **mg/Kg**			Analysis Date: **1/4/2023 10:49 AM**			
Client ID:	Run ID: **HG2_230104A**				SeqNo: **2940517**			Prep Date: **1/3/2023**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.30								

LCS	Sample ID: **lcs-88528-88528**				Units: **mg/Kg**			Analysis Date: **1/4/2023 02:25 PM**			
Client ID:	Run ID: **HG2_230104A**				SeqNo: **2940539**			Prep Date: **1/3/2023**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	1.558	0.30	1.12	0	139	70.1-161	0			

MS	Sample ID: **22120995-09A MS**				Units: **mg/Kg**			Analysis Date: **1/4/2023 11:50 AM**			
Client ID:	Run ID: **HG2_230104A**				SeqNo: **2940537**			Prep Date: **1/3/2023**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.8493	0.30	0.8275	0.5993	30.2	69-147	0			S

MSD	Sample ID: **22120995-09A MSD**				Units: **mg/Kg**			Analysis Date: **1/4/2023 11:52 AM**			
Client ID:	Run ID: **HG2_230104A**				SeqNo: **2940538**			Prep Date: **1/3/2023**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.899	0.30	0.8275	0.5993	36.2	62.6-127	0.8493	5.68	20	S

The following samples were analyzed in this batch:

22120921-01A	22120921-02A	22120921-03A
22120921-04A	22120921-05A	22120921-06A
22120921-07A	22120921-08A	22120921-09A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120921
Project: BFM-9

QC BATCH REPORT

Batch ID: **88527** Instrument ID **ICP1** Method: **SW6010B**

MBLK Sample ID: **MBLK-88527-88527** Units: **mg/Kg** Analysis Date: **1/4/2023 07:25 PM**
Client ID: Run ID: **ICP1_230104B** SeqNo: **2941104** Prep Date: **1/3/2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	5.0								
Barium	ND	20								
Cadmium	ND	1.0								
Chromium	ND	10								
Lead	ND	20								
Selenium	ND	3.0								
Silver	ND	5.0								

LCS Sample ID: **LCS-88527-88527** Units: **mg/Kg** Analysis Date: **1/4/2023 07:29 PM**
Client ID: Run ID: **ICP1_230104B** SeqNo: **2941105** Prep Date: **1/3/2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	99.03	5.0	100	0	99	80-120	0			
Barium	98.77	20	100	0	98.8	81.6-112	0			
Cadmium	100.6	1.0	100	0	101	87.2-119	0			
Chromium	98.79	10	100	0	98.8	74.6-110	0			
Lead	101.4	20	100	0	101	82.9-117	0			
Selenium	101.7	3.0	100	0	102	86.2-110	0			
Silver	89.75	5.0	100	0	89.8	77.1-118	0			

LCSD Sample ID: **LCSD-88527-88527** Units: **mg/Kg** Analysis Date: **1/4/2023 07:33 PM**
Client ID: Run ID: **ICP1_230104B** SeqNo: **2941106** Prep Date: **1/3/2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	97.99	5.0	100	0	98	79.7-118	99.03	1.06	20	
Barium	97.22	20	100	0	97.2	81.6-112	98.77	1.58	20	
Cadmium	99.16	1.0	100	0	99.2	87.2-119	100.6	1.44	20	
Chromium	99.3	10	100	0	99.3	74.6-110	98.79	0.515	20	
Lead	100.6	20	100	0	101	82.9-117	101.4	0.792	20	
Selenium	99.61	3.0	100	0	99.6	86.2-110	101.7	2.08	20	
Silver	92.49	5.0	100	0	92.5	77.1-118	89.75	3.01	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120921
Project: BFM-9

QC BATCH REPORT

Batch ID: **88527** Instrument ID **ICP1** Method: **SW6010B**

MS Sample ID: **22120995-08A MS** Units: **mg/Kg** Analysis Date: **1/4/2023 09:16 PM**

Client ID: Run ID: **ICP1_230104B** SeqNo: **2941126** Prep Date: **1/3/2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	83.9	4.7	93.46	7.324	81.9	75-125	0			
Barium	109.7	19	93.46	55.42	58.1	75-125	0			S
Cadmium	81.63	0.93	93.46	1.265	86	75-125	0			
Chromium	279.3	9.3	93.46	113.6	177	69.3-116	0			S
Lead	176.4	19	93.46	836.6	-706	69.3-107	0			SO
Selenium	79.26	2.8	93.46	0	84.8	75-125	0			
Silver	74.21	4.7	93.46	0	79.4	75-125	0			

MSD Sample ID: **22120995-08A MSD** Units: **mg/Kg** Analysis Date: **1/4/2023 09:20 PM**

Client ID: Run ID: **ICP1_230104B** SeqNo: **2941127** Prep Date: **1/3/2023** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	89.14	4.7	93.2	7.324	87.8	69.6-115	83.9	6.06	20	
Barium	145.8	19	93.2	55.42	96.9	60.1-114	109.7	28.2	20	R
Cadmium	83.61	0.93	93.2	1.265	88.4	69.1-120	81.63	2.4	20	
Chromium	129.3	9.3	93.2	113.6	16.8	69.3-116	279.3	73.4	20	SR
Lead	659.3	19	93.2	836.6	-190	69.3-107	176.4	116	20	SRO
Selenium	80.34	2.8	93.2	0	86.2	66.5-109	79.26	1.36	20	
Silver	78.99	4.7	93.2	0	84.8	70.3-116	74.21	6.24	20	

The following samples were analyzed in this batch:

22120921-01A	22120921-02A	22120921-03A
22120921-04A	22120921-05A	22120921-06A
22120921-07A	22120921-08A	22120921-09A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120921
Project: BFM-9

QC BATCH REPORT

Batch ID: **88450** Instrument ID **SVMS1** Method: **SW8270C**

MBLK	Sample ID: **MBLK-88450-88450**				Units: **µg/Kg**		Analysis Date: **12/30/2022 01:41 PM**			
Client ID:	Run ID: **SVMS1_221230A**				SeqNo: **2938992**		Prep Date: **12/29/2022**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	ND	330								
1,2,4-Trichlorobenzene	ND	330								
1,2-Dichlorobenzene	ND	330								
1,3-Dichlorobenzene	ND	330								
1,3-Dinitrobenzene	ND	330								
1,4-Dichlorobenzene	ND	330								
1-Methylnaphthalene	ND	200								
1-Naphthylamine	ND	330								
2,3,4,6-Tetrachlorophenol	ND	330								
2,4,5-Trichlorophenol	ND	330								
2,4,6-Trichlorophenol	ND	330								
2,4-Dichlorophenol	ND	330								
2,4-Dimethylphenol	ND	330								
2,4-Dinitrophenol	ND	1,600								
2,4-Dinitrotoluene	ND	330								
2,6-Dichlorophenol	ND	330								
2,6-Dinitrotoluene	ND	330								
2-Acetylaminofluorene	ND	330								
2-Chloronaphthalene	ND	330								
2-Chlorophenol	ND	330								
2-Methylnaphthalene	ND	200								
2-Methylphenol	ND	330								
2-Naphthylamine	ND	330								
2-Nitroaniline	ND	1,600								
2-Nitrophenol	ND	330								
2-Picoline	ND	330								
3&4-Methylphenol	ND	330								
3,3`-Dichlorobenzidine	ND	660								
3-Methylcholanthrene	ND	330								
3-Nitroaniline	ND	1,600								
4,6-Dinitro-2-methylphenol	ND	1,600								
4-Aminobiphenyl	ND	660								
4-Bromophenyl phenyl ether	ND	330								
4-Chloro-3-methylphenol	ND	660								
4-Chloroaniline	ND	660								
4-Chlorophenyl phenyl ether	ND	330								
4-Nitroaniline	ND	660								
4-Nitrophenol	ND	1,600								
4-Nitroquinoline 1-oxide	ND	1,600								
5-Nitro-o-toluidine	ND	330								
7,12-Dimethylbenz(a)anthracene	ND	330								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **88450** Instrument ID **SVMS1** Method: **SW8270C**

Acenaphthene	ND	200	
Acenaphthylene	ND	200	
Acetophenone	ND	330	
Aniline	ND	330	
Anthracene	ND	200	
Azobenzene	ND	330	
Benzidine	ND	330	
Benzo(a)anthracene	ND	100	
Benzo(a)pyrene	ND	100	
Benzo(b)fluoranthene	ND	200	
Benzo(g,h,i)perylene	ND	200	
Benzo(k)fluoranthene	ND	200	
Benzyl alcohol	ND	660	
Bis(2-chloroethoxy)methane	ND	330	
Bis(2-chloroethyl)ether	ND	330	
Bis(2-chloroisopropyl)ether	ND	330	
Bis(2-ethylhexyl)phthalate	ND	330	
Butyl benzyl phthalate	ND	330	
Carbazole	ND	200	
Chrysene	ND	200	
Dibenzo(a,h)anthracene	ND	100	
Dibenzofuran	ND	200	
Diethyl phthalate	ND	330	
Dimethyl phthalate	ND	330	
Di-n-butyl phthalate	67.33	330	J
Di-n-octyl phthalate	ND	330	
Dinoseb	ND	330	
Diphenylamine	ND	330	
Ethyl methanesulfonate	ND	330	
Fluoranthene	ND	200	
Fluorene	ND	200	
Hexachlorobenzene	ND	330	
Hexachlorobutadiene	ND	330	
Hexachlorocyclopentadiene	ND	330	
Hexachloroethane	ND	330	
Indeno(1,2,3-cd)pyrene	ND	100	
Isophorone	ND	330	
Isosafrole	ND	330	
Methapyrilene	ND	1,600	
Methyl methanesulfonate	ND	330	
Naphthalene	ND	200	
Nitrobenzene	ND	330	
N-Nitrosodiethylamine	ND	330	
N-Nitrosodimethylamine	ND	330	
N-Nitroso-di-n-butylamine	ND	330	
N-Nitrosodi-n-propylamine	ND	330	
N-Nitrosomethylethylamine	ND	330	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **88450** Instrument ID **SVMS1** Method: **SW8270C**

N-Nitrosomorpholine	ND	330					
N-Nitrosopiperidine	ND	330					
N-Nitrosopyrrolidine	ND	330					
o-Toluidine	ND	1,600					
p-Dimethylaminoazobenzene	ND	330					
Pentachlorobenzene	ND	330					
Pentachloroethane	ND	330					
Pentachloronitrobenzene	ND	660					
Pentachlorophenol	ND	1,600					
Phenacetin	ND	660					
Phenanthrene	ND	200					
Phenol	ND	330					
Pyrene	ND	200					
Pyridine	ND	330					
Safrole	ND	330					
Surr: 2,4,6-Tribromophenol	*5484*	0	*6660*	0	*82.3*	*14.2-136*	0
Surr: 2-Fluorobiphenyl	*2580*	0	*3330*	0	*77.5*	*30-116*	0
Surr: 2-Fluorophenol	*4963*	0	*6660*	0	*74.5*	*24-105*	0
Surr: 4-Terphenyl-d14	*3047*	0	*3330*	0	*91.5*	*27.3-138*	0
Surr: Nitrobenzene-d5	*2068*	0	*3330*	0	*62.1*	*23.7-109*	0
Surr: Phenol-d5	*4805*	0	*6660*	0	*72.1*	*24.9-103*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120921
Project: BFM-9

QC BATCH REPORT

Batch ID: **88450** Instrument ID **SVMS1** Method: **SW8270C**

LCS	Sample ID: **LCS-88450-88450**				Units: **µg/Kg**			Analysis Date: **12/30/2022 02:01 PM**			
Client ID:		Run ID: **SVMS1_221230A**			SeqNo: **2938993**			Prep Date: **12/29/2022**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	2483	330	3330	0	74.6	39-104	0			
1,4-Dichlorobenzene	2261	330	3330	0	67.9	38.7-95.1	0			
2,4-Dinitrotoluene	2792	330	3330	0	83.8	58.8-123	0			
2-Chlorophenol	2266	330	3330	0	68	34.7-116	0			
4-Chloro-3-methylphenol	2517	660	3330	0	75.6	32.1-109	0			
4-Nitrophenol	2499	1,600	3330	0	75.1	36.2-146	0			
Acenaphthene	2589	200	3330	0	77.7	52-119	0			
Acenaphthylene	2597	200	3330	0	78	46-118	0			
Anthracene	2682	200	3330	0	80.5	56-109	0			
Benzo(a)anthracene	2527	100	3330	0	75.9	48-121	0			
Benzo(a)pyrene	2664	100	3330	0	80	40.1-114	0			
Benzo(b)fluoranthene	2549	200	3330	0	76.5	44-115	0			
Benzo(g,h,i)perylene	2647	200	3330	0	79.5	47.9-113	0			
Benzo(k)fluoranthene	2655	200	3330	0	79.7	39.5-116	0			
Carbazole	2723	200	3330	0	81.8	43.3-146	0			
Chrysene	2623	200	3330	0	78.8	49.2-115	0			
Dibenzo(a,h)anthracene	2704	100	3330	0	81.2	41.7-123	0			
Fluoranthene	2803	200	3330	0	84.2	52.7-118	0			
Fluorene	2659	200	3330	0	79.9	56.3-103	0			
Indeno(1,2,3-cd)pyrene	2851	100	3330	0	85.6	41.1-124	0			
Naphthalene	2359	200	3330	0	70.8	42.5-103	0			
N-Nitrosodi-n-propylamine	1143	330	3330	0	34.3	25.3-127	0			
Pentachlorophenol	2647	1,600	3330	0	79.5	22.1-105	0			
Phenanthrene	2706	200	3330	0	81.3	52.8-114	0			
Phenol	2140	330	3330	0	64.3	36.9-97.8	0			
Pyrene	2858	200	3330	0	85.8	50.7-109	0			
Surr: 2,4,6-Tribromophenol	*5885*	0	*6660*	0	*88.4*	*14.2-136*	0			
Surr: 2-Fluorobiphenyl	*2802*	0	*3330*	0	*84.1*	*30-116*	0			
Surr: 2-Fluorophenol	*4469*	0	*6660*	0	*67.1*	*24-105*	0			
Surr: 4-Terphenyl-d14	*3257*	0	*3330*	0	*97.8*	*27.3-138*	0			
Surr: Nitrobenzene-d5	*2233*	0	*3330*	0	*67*	*23.7-109*	0			
Surr: Phenol-d5	*4497*	0	*6660*	0	*67.5*	*24.9-103*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120921
Project: BFM-9

QC BATCH REPORT

Batch ID: **88450** Instrument ID **SVMS1** Method: **SW8270C**

MS	Sample ID: **22120783-09BMSS**				Units: **µg/Kg**		Analysis Date: **12/30/2022 03:03 PM**			
Client ID:		Run ID: **SVMS1_221230A**			SeqNo: **2938996**		Prep Date: **12/29/2022**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	2340	330	3341	0	70	39-91.8	0			
1,4-Dichlorobenzene	2063	330	3341	0	61.7	32.9-90	0			
2,4-Dinitrotoluene	2572	330	3341	0	77	29.7-121	0			
2-Chlorophenol	2138	330	3341	0	64	33.3-109	0			
4-Chloro-3-methylphenol	2381	660	3341	0	71.3	35.8-116	0			
4-Nitrophenol	2070	1,700	3341	0	61.9	34.1-120	0			
Acenaphthene	2393	200	3341	0	71.6	44-108	0			
Acenaphthylene	2403	200	3341	0	71.9	43.6-110	0			
Anthracene	2553	200	3341	0	76.4	35.8-104	0			
Benzo(a)anthracene	2365	100	3341	0	70.8	47-114	0			
Benzo(a)pyrene	2477	100	3341	0	74.1	43.8-115	0			
Benzo(b)fluoranthene	2383	200	3341	0	71.3	40-106	0			
Benzo(g,h,i)perylene	2446	200	3341	0	73.2	38.2-110	0			
Benzo(k)fluoranthene	2475	200	3341	0	74.1	48.6-107	0			
Carbazole	2517	200	3341	0	75.3	28.5-114	0			
Chrysene	2439	200	3341	0	73	44.3-97.5	0			
Dibenzo(a,h)anthracene	2471	100	3341	0	74	46-116	0			
Fluoranthene	2633	200	3341	0	78.8	40.2-129	0			
Fluorene	2484	200	3341	0	74.4	42.8-106	0			
Indeno(1,2,3-cd)pyrene	2536	100	3341	0	75.9	33-115	0			
Naphthalene	2215	200	3341	0	66.3	18.2-126	0			
N-Nitrosodi-n-propylamine	1116	330	3341	0	33.4	23.5-76.2	0			
Pentachlorophenol	2457	1,700	3341	0	73.5	9.31-107	0			
Phenanthrene	2514	200	3341	0	75.2	31.2-127	0			
Phenol	1983	330	3341	0	59.4	25.9-90.3	0			
Pyrene	2676	200	3341	0	80.1	33.7-129	0			
Surr: 2,4,6-Tribromophenol	*5656*	0	*6682*	0	*84.6*	*14.2-136*	0			
Surr: 2-Fluorobiphenyl	*2530*	0	*3341*	0	*75.7*	*30-116*	0			
Surr: 2-Fluorophenol	*4078*	0	*6682*	0	*61*	*24-105*	0			
Surr: 4-Terphenyl-d14	*3056*	0	*3341*	0	*91.5*	*27.3-138*	0			
Surr: Nitrobenzene-d5	*2060*	0	*3341*	0	*61.7*	*23.7-109*	0			
Surr: Phenol-d5	*4121*	0	*6682*	0	*61.7*	*24.9-103*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120921
Project: BFM-9

QC BATCH REPORT

Batch ID: **88450** Instrument ID **SVMS1** Method: **SW8270C**

MSD	Sample ID: **22120783-09BMSDD**				Units: **µg/Kg**		Analysis Date: **12/30/2022 03:23 PM**			
Client ID:	Run ID: **SVMS1_221230A**				SeqNo: **2938997**		Prep Date: **12/29/2022**		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	1946	330	3334	0	58.4	39-91.8	2340	18.4	18	R
1,4-Dichlorobenzene	1772	330	3334	0	53.1	32.9-90	2063	15.2	20	
2,4-Dinitrotoluene	2127	330	3334	0	63.8	29.7-121	2572	18.9	20	
2-Chlorophenol	1782	330	3334	0	53.5	33.3-109	2138	18.2	20	
4-Chloro-3-methylphenol	1935	660	3334	0	58	35.8-116	2381	20.7	20	R
4-Nitrophenol	1903	1,700	3334	0	57.1	34.1-120	2070	8.41	20	
Acenaphthene	2001	200	3334	0	60	44-108	2393	17.8	20	
Acenaphthylene	2009	200	3334	0	60.2	43.6-110	2403	17.9	20	
Anthracene	2093	200	3334	0	62.8	35.8-104	2553	19.8	24	
Benzo(a)anthracene	1961	100	3334	0	58.8	47-114	2365	18.7	21	
Benzo(a)pyrene	2041	100	3334	0	61.2	43.8-115	2477	19.3	20	
Benzo(b)fluoranthene	1910	200	3334	0	57.3	40-106	2383	22.1	20	R
Benzo(g,h,i)perylene	2027	200	3334	0	60.8	38.2-110	2446	18.7	20	
Benzo(k)fluoranthene	2079	200	3334	0	62.4	48.6-107	2475	17.4	24	
Carbazole	1951	200	3334	0	58.5	28.5-114	2517	25.4	20	R
Chrysene	2014	200	3334	0	60.4	44.3-97.5	2439	19.1	19	R
Dibenzo(a,h)anthracene	2068	100	3334	0	62	46-116	2471	17.7	20	
Fluoranthene	2144	200	3334	0	64.3	40.2-129	2633	20.5	20	R
Fluorene	2079	200	3334	0	62.3	42.8-106	2484	17.8	20	
Indeno(1,2,3-cd)pyrene	2148	100	3334	0	64.4	33-115	2536	16.6	20	
Naphthalene	1836	200	3334	0	55.1	18.2-126	2215	18.7	20	
N-Nitrosodi-n-propylamine	897.2	330	3334	0	26.9	23.5-76.2	1116	21.8	17	R
Pentachlorophenol	1975	1,700	3334	0	59.2	9.31-107	2457	21.7	20	R
Phenanthrene	2067	200	3334	0	62	31.2-127	2514	19.5	20	
Phenol	1656	330	3334	0	49.7	25.9-90.3	1983	18	17	R
Pyrene	2176	200	3334	0	65.3	33.7-129	2676	20.6	20	R
Surr: 2,4,6-Tribromophenol	*4527*	0	*6669*	0	*67.9*	*14.2-136*	5656	*22.2*		
Surr: 2-Fluorobiphenyl	*2139*	0	*3334*	0	*64.1*	*30-116*	2530	*16.8*		
Surr: 2-Fluorophenol	*3425*	0	*6669*	0	*51.4*	*24-105*	4078	*17.4*		
Surr: 4-Terphenyl-d14	*2465*	0	*3334*	0	*73.9*	*27.3-138*	3056	*21.4*		
Surr: Nitrobenzene-d5	*1708*	0	*3334*	0	*51.2*	*23.7-109*	2060	*18.7*		
Surr: Phenol-d5	*3455*	0	*6669*	0	*51.8*	*24.9-103*	4121	*17.6*		

The following samples were analyzed in this batch:

22120921-01A	22120921-02A	22120921-03A
22120921-04A	22120921-05A	22120921-06A
22120921-07A	22120921-08A	22120921-09A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Sample Receipt Checklist

Client Name: **PANDEYENVIRONMENTAL-COLU** Date/Time Received: **27-Dec-22 11:15**

Work Order: **22120921** Received by: **AB**

Checklist completed by Madison Bufler 27-Dec-22 Reviewed by: Rob Nieman 04-Jan-23

eSignature / Date / eSignature / Date

Matrices: Soil

Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	5.8	119059	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	12/27/2022 12:25		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

Field Chain-of-Custody Record

Page 1 of 1

71245

REV 10/2017

Ship To: ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (513) 733-5336
Fax: (513) 733-5347

22120921

REGULAR Status [X] RUSH Status [ ] RESULTS REQUIRED BY: (Date) _____
CONTACT ALS ENVIRONMENTAL PRIOR TO SENDING SAMPLES

OH VAP: [X] YES [ ] NO BUSTR: [ ] YES [X] NO NELAC: [ ] YES [X] NO

Date: 12-21-22
Company Name: PANDEY Environmental
Address: 6277 Riverside DR
Dublin (City) OH (State) 43017 (Zip)
Person to Contact: Jason Martin
Email Address: jmartin@pandeyenvironmental.com
Telephone (614): 444-8078
Alternate Contact:

Purchase Order No.:
Project No.: BFM-9
Sampling Site:
Billing Address (if different):

ALS Lab ID	Sample ID / Description	Date	Time	Preservation Key #	Sample Type / Matrix Key Abbr.	# of Sample Containers	ANALYSIS REQUESTED: SVOC	RCRA-8 Metals
1	952 Mayfield-SB:2-4	12-19-22	7:30	-	S	2	X	X
2	953-955 Ferndale-SB:2-4		12:00	-	S	2	X	X
3	947-949 Ferndale-SB:2-4		10:30	-	S	2	X	X
4	937 Ferndale-SB:2-4		11:00	-	S	2	X	X
5	946 Mayfield-SB:2-4		11:30	-	S	2	X	X
6	930 Mayfield-SB:2-4		12:00	-	S	2	X	X
7	940 Mayfield-SB:2-4		1:30	-	S	2	X	X
8	956-958 Ferndale-SB:2-4	12-21-22	10:30	-	S	2	X	X
9	948 Ferndale-SB:2-4	"	11:00	-	S	2	X	X

Notes:

Preservation Key: 1 - HCl 2 - HNO_3 3 - H_2SO_4 4 - NaOH 5 - $Na_2S_2O_3$ 6 - $NaHSO_4$ 7 - NaOH/ZnAcetate 8 - Other 9 - 4°C

Matrix Key: A - Air B - Bulk S - Soil W - Water

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

Relinquished By: (Signature)	Time / Date	Received By: (Signature)	Time / Date
	12:00 / 12-21-22		0900 12/22/22
	1110 12/22/22		12-27-22 1115

ALS LAB USE ONLY

COOLER TEMP: 5.8 °C TAKEN WITH IR#: 119063 119059

COOLING METHOD: NONE COOLER WET ICE DRY ICE ICE PACK

DELIVERY METHOD: CLIENT DROP BOX FEDEX UPS STD MAIL PRTY MAIL ALS COURIER OTHER:

CUSTODY SEALS: NOT REQUIRED COOLER PACKAGE SAMPLES

pH ADJUSTMENTS:

Affidavit of VAP Certified Laboratory

[For VAP certified laboratories to attest to "certified data" under OAC 3745-300-13(N) and OAC 3745-300-04(A). Note that Ohio EPA is to receive a legible copy of the CL's affidavit. The entity that received the CL's analytical report under affidavit may retain the CL's affidavit original.]

State of Ohio)
) ss:
County of Hamilton)

I, Tracey Earle, being first duly sworn according to law, state that, to the best of my knowledge, information and belief:

1. I am an adult over the age of eighteen years old and competent to testify herein.

2. I am employed by ALS Environmental ("the laboratory") as the Quality Assurance Manager. I am authorized to submit this affidavit on behalf of the laboratory.

3. The purpose of this submission is to support a request for a no further action letter or other aspects of a voluntary action, under Ohio's Voluntary Action Program (VAP) as set forth in Ohio Revised Code Chapter 3746 and Ohio Administrative Code (OAC) Chapter 3745-300.

4. ALS Environmental performed analyses for Pandey Environmental, LLC for a voluntary action at a property known as the BFM-9 project located at 952, 946, 930, and 940 Mayfield Place and 953/955, 947/949, 948, 956/958, and 937 Ferndale Place Bexley, OH 43209.

5. This affidavit applies to and is submitted with the following information, data, documents or reports for the property:

ALS Work Order ID	Date of Document
22120921 Metals (SW6010B)	1/11/23
22120921 Mercury (SW7471A)	1/11/23
22120921 SVOCs (SW8270C)	1/11/23

6. ALS Environmental was a VAP certified laboratory pursuant to OAC 3745-300-04 when it performed the analyses referenced herein.

7. All analyses under this affidavit consist of VAP "certified data" as described in OAC 3745-300-04(A) - - unless paragraph b., below, specifies the exceptions:

   a. The laboratory performed the analyses within its current VAP certification. The laboratory was certified for each analyte, parameter group, and method used at the time that it performed the analyses. The analyses were performed consistent with the laboratory's standard operating procedures and quality assurance program plan as approved under OAC 3745-300-04. Please refer to the case narrative, sample receipt checklist, and the analytical comments sections of the

report for possible outliers.

b. Exceptions, if any: the lab was not VAP certified for the following analytes:

ALS Work Order #	Analyte / Parameter Group	Method
22120921	Moisture	SM2540B
22120921	1-methylnaphthalene , Carbazole, Pentachloroethane/SVOC	SW8270C

8. The information, data, documents and reports identified under this affidavit are true, accurate and complete.

Further affiant sayeth naught.

Tracy Earle
Signature of Affiant

Sworn to before me and subscribed in my presence this 20 day of January, 2023

Hannah Wall
Notary Public

Hannah Wall
Notary Public, State of Ohio
My Commission Expires:
March 22, 2026

11-Jan-2023

Jason Martin
Pandey Environmental, LLC
6277 Riverside Drive
Suite Two South
Dublin, OH 43017

Re: **Ferndale/Mayfield Bexley OH** Work Order: **22120947**

Dear Jason,

ALS Environmental received 5 samples on 27-Dec-2022 02:15 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 43.

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

Sincerely,

Shawn Smythe

Electronically approved by: Joe Ribar

Shawn Smythe
Project Manager

Report of Laboratory Analysis

ALS Environmental

Date: 11-Jan-23

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: **22120947**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
22120947-01	940 Mayfield-mw	Water		12/22/2022 09:40	12/27/2022 14:15	☐
22120947-02	952 Mayfield-mw	Water		12/22/2022 10:55	12/27/2022 14:15	☐
22120947-03	947-949 Ferndale-mw	Water		12/22/2022 12:10	12/27/2022 14:15	☐
22120947-04	937 Ferndale-mw	Water		12/22/2022 13:20	12/27/2022 14:15	☐
22120947-05	948 Ferndale-mw	Water		12/22/2022 14:35	12/27/2022 14:15	☐

ALS Environmental

Date: 11-Jan-23

Client:	Pandey Environmental, LLC
Project:	Ferndale/Mayfield Bexley OH
Work Order:	22120947

Case Narrative

The analyses requested were analyzed according to Ohio Voluntary Action Program requirements. Affidavits are available upon request.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 940 Mayfield-mw
Lab ID: 22120947-01
Collection Date: 12/22/2022 09:40 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7470A**		Prep: SW7470A 12/29/22 10:59	Analyst: **SLT**
Mercury	ND		0.25	µg/L	1	12/30/2022 12:09 PM
METALS BY ICP			**SW6010B**		Prep: SW3010A 12/29/22 10:55	Analyst: **AZ**
Arsenic	ND		0.010	mg/L	1	12/30/2022 05:52 PM
Barium	**0.14**		**0.10**	**mg/L**	1	12/30/2022 05:52 PM
Cadmium	ND		0.010	mg/L	1	12/30/2022 05:52 PM
Chromium	ND		0.010	mg/L	1	12/30/2022 05:52 PM
Lead	ND		0.015	mg/L	1	12/30/2022 05:52 PM
Selenium	ND		0.030	mg/L	1	12/30/2022 05:52 PM
Silver	ND		0.050	mg/L	1	12/30/2022 05:52 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**		Prep: SW3510C 12/28/22 13:08	Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
1,2,4-Trichlorobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
1,2-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
1,3-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
1,3-Dinitrobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
1,4-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
1-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
1-Naphthylamine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2,3,4,6-Tetrachlorophenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2,4,5-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2,4,6-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2,4-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2,4-Dimethylphenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2,4-Dinitrophenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2,4-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2,6-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2,6-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2-Acetylaminofluorene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2-Chloronaphthalene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2-Chlorophenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
2-Methylphenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2-Naphthylamine	ND		20.0	µg/L	1	12/29/2022 03:50 PM
2-Nitroaniline	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
2-Picoline	ND		20.0	µg/L	1	12/29/2022 03:50 PM
3&4-Methylphenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
3,3`-Dichlorobenzidine	ND		10.0	µg/L	1	12/29/2022 03:50 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 940 Mayfield-mw **Lab ID:** 22120947-01
Collection Date: 12/22/2022 09:40 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
3-Methylcholanthrene	ND		20.0	µg/L	1	12/29/2022 03:50 PM
3-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 03:50 PM
4,6-Dinitro-2-methylphenol	ND		20.0	µg/L	1	12/29/2022 03:50 PM
4-Aminobiphenyl	ND		10.0	µg/L	1	12/29/2022 03:50 PM
4-Bromophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 03:50 PM
4-Chloro-3-methylphenol	ND		20.0	µg/L	1	12/29/2022 03:50 PM
4-Chloroaniline	ND		10.0	µg/L	1	12/29/2022 03:50 PM
4-Chlorophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 03:50 PM
4-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 03:50 PM
4-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
4-Nitroquinoline 1-oxide	ND		10.0	µg/L	1	12/29/2022 03:50 PM
5-Nitro-o-toluidine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
7,12-Dimethylbenz(a)anthracene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Acenaphthene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Acenaphthylene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Acetophenone	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Aniline	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Anthracene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Azobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Benzidine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Benzo(a)anthracene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Benzo(a)pyrene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Benzo(b)fluoranthene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Benzo(g,h,i)perylene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Benzo(k)fluoranthene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Benzyl alcohol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Bis(2-chloroethoxy)methane	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Bis(2-chloroethyl)ether	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Bis(2-chloroisopropyl)ether	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Bis(2-ethylhexyl)phthalate	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Butyl benzyl phthalate	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Carbazole	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Chrysene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Dibenzo(a,h)anthracene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Dibenzofuran	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Diethyl phthalate	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Dimethyl phthalate	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Di-n-butyl phthalate	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Di-n-octyl phthalate	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Dinoseb	ND		20.0	µg/L	1	12/29/2022 03:50 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 940 Mayfield-mw **Lab ID:** 22120947-01
Collection Date: 12/22/2022 09:40 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Diphenylamine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Ethyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Fluoranthene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Fluorene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Hexachlorobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Hexachlorobutadiene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Hexachlorocyclopentadiene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Hexachloroethane	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Indeno(1,2,3-cd)pyrene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Isophorone	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Isosafrole	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Methapyrilene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Methyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Naphthalene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Nitrobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
N-Nitrosodiethylamine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
N-Nitrosodimethylamine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
N-Nitroso-di-n-butylamine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
N-Nitrosodi-n-propylamine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
N-Nitrosomethylethylamine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
N-Nitrosomorpholine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
N-Nitrosopiperidine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
N-Nitrosopyrrolidine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
o-Toluidine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
p-Dimethylaminoazobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Pentachlorobenzene	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Pentachloroethane	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Pentachloronitrobenzene	ND		20.0	µg/L	1	12/29/2022 03:50 PM
Pentachlorophenol	ND		20.0	µg/L	1	12/29/2022 03:50 PM
Phenacetin	ND		20.0	µg/L	1	12/29/2022 03:50 PM
Phenanthrene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Phenol	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Pyrene	ND		0.200	µg/L	1	12/29/2022 03:50 PM
Pyridine	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Safrole	ND		10.0	µg/L	1	12/29/2022 03:50 PM
Surr: 2,4,6-Tribromophenol	*97.5*		*42.3-142*	*%REC*	1	12/29/2022 03:50 PM
Surr: 2-Fluorobiphenyl	*86.4*		*36.8-125*	*%REC*	1	12/29/2022 03:50 PM
Surr: 2-Fluorophenol	*64.9*		*12-89*	*%REC*	1	12/29/2022 03:50 PM
Surr: 4-Terphenyl-d14	*83.1*		*38.3-160*	*%REC*	1	12/29/2022 03:50 PM
Surr: Nitrobenzene-d5	*94.0*		*28-120*	*%REC*	1	12/29/2022 03:50 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 940 Mayfield-mw **Lab ID:** 22120947-01
Collection Date: 12/22/2022 09:40 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Phenol-d5	*41.0*		*4.27-70.1*	*%REC*	1	12/29/2022 03:50 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **TJH**
1,1,1,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,1-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,2,3-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,2,3-Trichloropropane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,2,4-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,2-Dibromo-3-chloropropane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,2-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,3-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,3-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
1,4-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
2,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
2-Butanone	ND		50	µg/L	1	12/30/2022 04:16 PM
2-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
2-Hexanone	ND		5.0	µg/L	1	12/30/2022 04:16 PM
4-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Acetone	ND		50	µg/L	1	12/30/2022 04:16 PM
Benzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Bromobenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Bromochloromethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Bromoform	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Bromomethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Carbon disulfide	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Chlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Chloroethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Chloroform	ND		5.0	µg/L	1	12/30/2022 04:16 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 940 Mayfield-mw
Lab ID: 22120947-01
Collection Date: 12/22/2022 09:40 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Dibromomethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Dichlorodifluoromethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Ethylbenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Hexachlorobutadiene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
m,p-Xylene	ND		10	µg/L	1	12/30/2022 04:16 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Methylene chloride	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Naphthalene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
o-Xylene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
p-Isopropyltoluene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Styrene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
tert-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Toluene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Trichloroethene	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Trichlorofluoromethane	ND		5.0	µg/L	1	12/30/2022 04:16 PM
Vinyl chloride	ND		2.0	µg/L	1	12/30/2022 04:16 PM
Xylenes, Total	ND		15	µg/L	1	12/30/2022 04:16 PM
Surr: 4-Bromofluorobenzene	*97.6*		*61-131*	*%REC*	1	12/30/2022 04:16 PM
Surr: Dibromofluoromethane	*100*		*72-137*	*%REC*	1	12/30/2022 04:16 PM
Surr: Toluene-d8	*101*		*80.4-119*	*%REC*	1	12/30/2022 04:16 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 952 Mayfield-mw
Lab ID: 22120947-02
Collection Date: 12/22/2022 10:55 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7470A**		Prep: SW7470A 12/29/22 10:59	Analyst: **SLT**
Mercury	ND		0.25	µg/L	1	12/30/2022 12:15 PM
METALS BY ICP			**SW6010B**		Prep: SW3010A 12/29/22 10:55	Analyst: **AZ**
Arsenic	ND		0.010	mg/L	1	12/30/2022 06:03 PM
Barium	ND		0.10	mg/L	1	12/30/2022 06:03 PM
Cadmium	ND		0.010	mg/L	1	12/30/2022 06:03 PM
Chromium	ND		0.010	mg/L	1	12/30/2022 06:03 PM
Lead	ND		0.015	mg/L	1	12/30/2022 06:03 PM
Selenium	ND		0.030	mg/L	1	12/30/2022 06:03 PM
Silver	ND		0.050	mg/L	1	12/30/2022 06:03 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**		Prep: SW3510C 12/28/22 13:08	Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
1,2,4-Trichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
1,2-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
1,3-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
1,3-Dinitrobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
1,4-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
1-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
1-Naphthylamine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2,3,4,6-Tetrachlorophenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2,4,5-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2,4,6-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2,4-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2,4-Dimethylphenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2,4-Dinitrophenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2,4-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2,6-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2,6-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2-Acetylaminofluorene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2-Chloronaphthalene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2-Chlorophenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
2-Methylphenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2-Naphthylamine	ND		20.0	µg/L	1	12/29/2022 04:10 PM
2-Nitroaniline	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
2-Picoline	ND		20.0	µg/L	1	12/29/2022 04:10 PM
3&4-Methylphenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
3,3`-Dichlorobenzidine	ND		10.0	µg/L	1	12/29/2022 04:10 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 952 Mayfield-mw **Lab ID:** 22120947-02
Collection Date: 12/22/2022 10:55 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
3-Methylcholanthrene	ND		20.0	µg/L	1	12/29/2022 04:10 PM
3-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 04:10 PM
4,6-Dinitro-2-methylphenol	ND		20.0	µg/L	1	12/29/2022 04:10 PM
4-Aminobiphenyl	ND		10.0	µg/L	1	12/29/2022 04:10 PM
4-Bromophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 04:10 PM
4-Chloro-3-methylphenol	ND		20.0	µg/L	1	12/29/2022 04:10 PM
4-Chloroaniline	ND		10.0	µg/L	1	12/29/2022 04:10 PM
4-Chlorophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 04:10 PM
4-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 04:10 PM
4-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
4-Nitroquinoline 1-oxide	ND		10.0	µg/L	1	12/29/2022 04:10 PM
5-Nitro-o-toluidine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
7,12-Dimethylbenz(a)anthracene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Acenaphthene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Acenaphthylene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Acetophenone	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Aniline	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Anthracene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Azobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Benzidine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Benzo(a)anthracene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Benzo(a)pyrene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Benzo(b)fluoranthene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Benzo(g,h,i)perylene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Benzo(k)fluoranthene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Benzyl alcohol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Bis(2-chloroethoxy)methane	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Bis(2-chloroethyl)ether	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Bis(2-chloroisopropyl)ether	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Bis(2-ethylhexyl)phthalate	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Butyl benzyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Carbazole	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Chrysene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Dibenzo(a,h)anthracene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Dibenzofuran	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Diethyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Dimethyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Di-n-butyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Di-n-octyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Dinoseb	ND		20.0	µg/L	1	12/29/2022 04:10 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 952 Mayfield-mw **Lab ID:** 22120947-02
Collection Date: 12/22/2022 10:55 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Diphenylamine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Ethyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Fluoranthene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Fluorene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Hexachlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Hexachlorobutadiene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Hexachlorocyclopentadiene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Hexachloroethane	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Indeno(1,2,3-cd)pyrene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Isophorone	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Isosafrole	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Methapyrilene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Methyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Naphthalene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Nitrobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
N-Nitrosodiethylamine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
N-Nitrosodimethylamine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
N-Nitroso-di-n-butylamine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
N-Nitrosodi-n-propylamine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
N-Nitrosomethylethylamine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
N-Nitrosomorpholine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
N-Nitrosopiperidine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
N-Nitrosopyrrolidine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
o-Toluidine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
p-Dimethylaminoazobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Pentachlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Pentachloroethane	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Pentachloronitrobenzene	ND		20.0	µg/L	1	12/29/2022 04:10 PM
Pentachlorophenol	ND		20.0	µg/L	1	12/29/2022 04:10 PM
Phenacetin	ND		20.0	µg/L	1	12/29/2022 04:10 PM
Phenanthrene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Phenol	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Pyrene	ND		0.200	µg/L	1	12/29/2022 04:10 PM
Pyridine	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Safrole	ND		10.0	µg/L	1	12/29/2022 04:10 PM
Surr: 2,4,6-Tribromophenol	*100*		*42.3-142*	*%REC*	1	12/29/2022 04:10 PM
Surr: 2-Fluorobiphenyl	*89.8*		*36.8-125*	*%REC*	1	12/29/2022 04:10 PM
Surr: 2-Fluorophenol	*63.8*		*12-89*	*%REC*	1	12/29/2022 04:10 PM
Surr: 4-Terphenyl-d14	*88.1*		*38.3-160*	*%REC*	1	12/29/2022 04:10 PM
Surr: Nitrobenzene-d5	*94.0*		*28-120*	*%REC*	1	12/29/2022 04:10 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 952 Mayfield-mw **Lab ID:** 22120947-02
Collection Date: 12/22/2022 10:55 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Phenol-d5	*40.6*		*4.27-70.1*	*%REC*	1	12/29/2022 04:10 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **TJH**
1,1,1,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,1-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,2,3-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,2,3-Trichloropropane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,2,4-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,2-Dibromo-3-chloropropane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,2-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,3-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,3-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
1,4-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
2,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
2-Butanone	ND		50	µg/L	1	12/30/2022 04:37 PM
2-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
2-Hexanone	ND		5.0	µg/L	1	12/30/2022 04:37 PM
4-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Acetone	ND		50	µg/L	1	12/30/2022 04:37 PM
Benzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Bromobenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Bromochloromethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Bromoform	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Bromomethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Carbon disulfide	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Chlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Chloroethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Chloroform	ND		5.0	µg/L	1	12/30/2022 04:37 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 952 Mayfield-mw
Lab ID: 22120947-02
Collection Date: 12/22/2022 10:55 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Dibromomethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Dichlorodifluoromethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Ethylbenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Hexachlorobutadiene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
m,p-Xylene	ND		10	µg/L	1	12/30/2022 04:37 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Methylene chloride	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Naphthalene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
o-Xylene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
p-Isopropyltoluene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Styrene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
tert-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Toluene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Trichloroethene	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Trichlorofluoromethane	ND		5.0	µg/L	1	12/30/2022 04:37 PM
Vinyl chloride	ND		2.0	µg/L	1	12/30/2022 04:37 PM
Xylenes, Total	ND		15	µg/L	1	12/30/2022 04:37 PM
Surr: 4-Bromofluorobenzene	*99.0*		*61-131*	*%REC*	1	12/30/2022 04:37 PM
Surr: Dibromofluoromethane	*99.5*		*72-137*	*%REC*	1	12/30/2022 04:37 PM
Surr: Toluene-d8	*102*		*80.4-119*	*%REC*	1	12/30/2022 04:37 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 947-949 Ferndale-mw
Lab ID: 22120947-03
Collection Date: 12/22/2022 12:10 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7470A**		Prep: SW7470A 12/29/22 10:59	Analyst: **SLT**
Mercury	ND		0.25	µg/L	1	12/30/2022 12:18 PM
METALS BY ICP			**SW6010B**		Prep: SW3010A 12/29/22 10:55	Analyst: **AZ**
Arsenic	**0.014**		**0.010**	**mg/L**	1	12/30/2022 06:07 PM
Barium	ND		0.10	mg/L	1	12/30/2022 06:07 PM
Cadmium	ND		0.010	mg/L	1	12/30/2022 06:07 PM
Chromium	ND		0.010	mg/L	1	12/30/2022 06:07 PM
Lead	ND		0.015	mg/L	1	12/30/2022 06:07 PM
Selenium	ND		0.030	mg/L	1	12/30/2022 06:07 PM
Silver	ND		0.050	mg/L	1	12/30/2022 06:07 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**		Prep: SW3510C 12/28/22 13:08	Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
1,2,4-Trichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
1,2-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
1,3-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
1,3-Dinitrobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
1,4-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
1-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
1-Naphthylamine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2,3,4,6-Tetrachlorophenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2,4,5-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2,4,6-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2,4-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2,4-Dimethylphenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2,4-Dinitrophenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2,4-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2,6-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2,6-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2-Acetylaminofluorene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2-Chloronaphthalene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2-Chlorophenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
2-Methylphenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2-Naphthylamine	ND		20.0	µg/L	1	12/29/2022 04:28 PM
2-Nitroaniline	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
2-Picoline	ND		20.0	µg/L	1	12/29/2022 04:28 PM
3&4-Methylphenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
3,3`-Dichlorobenzidine	ND		10.0	µg/L	1	12/29/2022 04:28 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 947-949 Ferndale-mw
Lab ID: 22120947-03
Collection Date: 12/22/2022 12:10 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
3-Methylcholanthrene	ND		20.0	µg/L	1	12/29/2022 04:28 PM
3-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 04:28 PM
4,6-Dinitro-2-methylphenol	ND		20.0	µg/L	1	12/29/2022 04:28 PM
4-Aminobiphenyl	ND		10.0	µg/L	1	12/29/2022 04:28 PM
4-Bromophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 04:28 PM
4-Chloro-3-methylphenol	ND		20.0	µg/L	1	12/29/2022 04:28 PM
4-Chloroaniline	ND		10.0	µg/L	1	12/29/2022 04:28 PM
4-Chlorophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 04:28 PM
4-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 04:28 PM
4-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
4-Nitroquinoline 1-oxide	ND		10.0	µg/L	1	12/29/2022 04:28 PM
5-Nitro-o-toluidine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
7,12-Dimethylbenz(a)anthracene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Acenaphthene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Acenaphthylene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Acetophenone	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Aniline	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Anthracene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Azobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Benzidine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Benzo(a)anthracene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Benzo(a)pyrene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Benzo(b)fluoranthene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Benzo(g,h,i)perylene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Benzo(k)fluoranthene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Benzyl alcohol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Bis(2-chloroethoxy)methane	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Bis(2-chloroethyl)ether	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Bis(2-chloroisopropyl)ether	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Bis(2-ethylhexyl)phthalate	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Butyl benzyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Carbazole	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Chrysene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Dibenzo(a,h)anthracene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Dibenzofuran	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Diethyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Dimethyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Di-n-butyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Di-n-octyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Dinoseb	ND		20.0	µg/L	1	12/29/2022 04:28 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 947-949 Ferndale-mw **Lab ID:** 22120947-03
Collection Date: 12/22/2022 12:10 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Diphenylamine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Ethyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Fluoranthene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Fluorene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Hexachlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Hexachlorobutadiene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Hexachlorocyclopentadiene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Hexachloroethane	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Indeno(1,2,3-cd)pyrene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Isophorone	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Isosafrole	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Methapyrilene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Methyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Naphthalene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Nitrobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
N-Nitrosodiethylamine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
N-Nitrosodimethylamine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
N-Nitroso-di-n-butylamine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
N-Nitrosodi-n-propylamine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
N-Nitrosomethylethylamine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
N-Nitrosomorpholine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
N-Nitrosopiperidine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
N-Nitrosopyrrolidine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
o-Toluidine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
p-Dimethylaminoazobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Pentachlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Pentachloroethane	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Pentachloronitrobenzene	ND		20.0	µg/L	1	12/29/2022 04:28 PM
Pentachlorophenol	ND		20.0	µg/L	1	12/29/2022 04:28 PM
Phenacetin	ND		20.0	µg/L	1	12/29/2022 04:28 PM
Phenanthrene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Phenol	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Pyrene	ND		0.200	µg/L	1	12/29/2022 04:28 PM
Pyridine	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Safrole	ND		10.0	µg/L	1	12/29/2022 04:28 PM
Surr: 2,4,6-Tribromophenol	*91.8*		*42.3-142*	*%REC*	1	12/29/2022 04:28 PM
Surr: 2-Fluorobiphenyl	*84.2*		*36.8-125*	*%REC*	1	12/29/2022 04:28 PM
Surr: 2-Fluorophenol	*60.3*		*12-89*	*%REC*	1	12/29/2022 04:28 PM
Surr: 4-Terphenyl-d14	*80.2*		*38.3-160*	*%REC*	1	12/29/2022 04:28 PM
Surr: Nitrobenzene-d5	*87.8*		*28-120*	*%REC*	1	12/29/2022 04:28 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 947-949 Ferndale-mw **Lab ID:** 22120947-03
Collection Date: 12/22/2022 12:10 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Phenol-d5	*37.9*		*4.27-70.1*	*%REC*	1	12/29/2022 04:28 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **TJH**
1,1,1,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,1-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,2,3-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,2,3-Trichloropropane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,2,4-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,2-Dibromo-3-chloropropane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,2-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,3-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,3-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
1,4-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
2,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
2-Butanone	ND		50	µg/L	1	12/30/2022 04:57 PM
2-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
2-Hexanone	ND		5.0	µg/L	1	12/30/2022 04:57 PM
4-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Acetone	ND		50	µg/L	1	12/30/2022 04:57 PM
Benzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Bromobenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Bromochloromethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Bromoform	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Bromomethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Carbon disulfide	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Chlorobenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Chloroethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Chloroform	ND		5.0	µg/L	1	12/30/2022 04:57 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 947-949 Ferndale-mw
Lab ID: 22120947-03
Collection Date: 12/22/2022 12:10 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Dibromomethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Dichlorodifluoromethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Ethylbenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Hexachlorobutadiene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
m,p-Xylene	ND		10	µg/L	1	12/30/2022 04:57 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Methylene chloride	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Naphthalene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
o-Xylene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
p-Isopropyltoluene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Styrene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
tert-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Toluene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Trichloroethene	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Trichlorofluoromethane	ND		5.0	µg/L	1	12/30/2022 04:57 PM
Vinyl chloride	ND		2.0	µg/L	1	12/30/2022 04:57 PM
Xylenes, Total	ND		15	µg/L	1	12/30/2022 04:57 PM
Surr: 4-Bromofluorobenzene	*99.7*		*61-131*	*%REC*	1	12/30/2022 04:57 PM
Surr: Dibromofluoromethane	*100*		*72-137*	*%REC*	1	12/30/2022 04:57 PM
Surr: Toluene-d8	*101*		*80.4-119*	*%REC*	1	12/30/2022 04:57 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 937 Ferndale-mw
Lab ID: 22120947-04
Collection Date: 12/22/2022 01:20 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7470A**		Prep: SW7470A 12/29/22 10:59	Analyst: **SLT**
Mercury	ND		0.25	µg/L	1	12/30/2022 12:20 PM
METALS BY ICP			**SW6010B**		Prep: SW3010A 12/29/22 10:55	Analyst: **AZ**
Arsenic	ND		0.010	mg/L	1	12/30/2022 06:10 PM
Barium	ND		0.10	mg/L	1	12/30/2022 06:10 PM
Cadmium	ND		0.010	mg/L	1	12/30/2022 06:10 PM
Chromium	ND		0.010	mg/L	1	12/30/2022 06:10 PM
Lead	ND		0.015	mg/L	1	12/30/2022 06:10 PM
Selenium	ND		0.030	mg/L	1	12/30/2022 06:10 PM
Silver	ND		0.050	mg/L	1	12/30/2022 06:10 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**		Prep: SW3510C 12/28/22 13:08	Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
1,2,4-Trichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
1,2-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
1,3-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
1,3-Dinitrobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
1,4-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
1-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
1-Naphthylamine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2,3,4,6-Tetrachlorophenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2,4,5-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2,4,6-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2,4-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2,4-Dimethylphenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2,4-Dinitrophenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2,4-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2,6-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2,6-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2-Acetylaminofluorene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2-Chloronaphthalene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2-Chlorophenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
2-Methylphenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2-Naphthylamine	ND		20.0	µg/L	1	12/29/2022 04:47 PM
2-Nitroaniline	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
2-Picoline	ND		20.0	µg/L	1	12/29/2022 04:47 PM
3&4-Methylphenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
3,3`-Dichlorobenzidine	ND		10.0	µg/L	1	12/29/2022 04:47 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 937 Ferndale-mw
Lab ID: 22120947-04
Collection Date: 12/22/2022 01:20 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
3-Methylcholanthrene	ND		20.0	µg/L	1	12/29/2022 04:47 PM
3-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 04:47 PM
4,6-Dinitro-2-methylphenol	ND		20.0	µg/L	1	12/29/2022 04:47 PM
4-Aminobiphenyl	ND		10.0	µg/L	1	12/29/2022 04:47 PM
4-Bromophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 04:47 PM
4-Chloro-3-methylphenol	ND		20.0	µg/L	1	12/29/2022 04:47 PM
4-Chloroaniline	ND		10.0	µg/L	1	12/29/2022 04:47 PM
4-Chlorophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 04:47 PM
4-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 04:47 PM
4-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
4-Nitroquinoline 1-oxide	ND		10.0	µg/L	1	12/29/2022 04:47 PM
5-Nitro-o-toluidine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
7,12-Dimethylbenz(a)anthracene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Acenaphthene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Acenaphthylene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Acetophenone	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Aniline	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Anthracene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Azobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Benzidine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Benzo(a)anthracene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Benzo(a)pyrene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Benzo(b)fluoranthene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Benzo(g,h,i)perylene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Benzo(k)fluoranthene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Benzyl alcohol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Bis(2-chloroethoxy)methane	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Bis(2-chloroethyl)ether	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Bis(2-chloroisopropyl)ether	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Bis(2-ethylhexyl)phthalate	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Butyl benzyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Carbazole	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Chrysene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Dibenzo(a,h)anthracene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Dibenzofuran	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Diethyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Dimethyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Di-n-butyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Di-n-octyl phthalate	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Dinoseb	ND		20.0	µg/L	1	12/29/2022 04:47 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 937 Ferndale-mw **Lab ID:** 22120947-04
Collection Date: 12/22/2022 01:20 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Diphenylamine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Ethyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Fluoranthene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Fluorene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Hexachlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Hexachlorobutadiene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Hexachlorocyclopentadiene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Hexachloroethane	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Indeno(1,2,3-cd)pyrene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Isophorone	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Isosafrole	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Methapyrilene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Methyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Naphthalene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Nitrobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
N-Nitrosodiethylamine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
N-Nitrosodimethylamine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
N-Nitroso-di-n-butylamine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
N-Nitrosodi-n-propylamine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
N-Nitrosomethylethylamine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
N-Nitrosomorpholine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
N-Nitrosopiperidine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
N-Nitrosopyrrolidine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
o-Toluidine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
p-Dimethylaminoazobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Pentachlorobenzene	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Pentachloroethane	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Pentachloronitrobenzene	ND		20.0	µg/L	1	12/29/2022 04:47 PM
Pentachlorophenol	ND		20.0	µg/L	1	12/29/2022 04:47 PM
Phenacetin	ND		20.0	µg/L	1	12/29/2022 04:47 PM
Phenanthrene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Phenol	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Pyrene	ND		0.200	µg/L	1	12/29/2022 04:47 PM
Pyridine	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Safrole	ND		10.0	µg/L	1	12/29/2022 04:47 PM
Surr: 2,4,6-Tribromophenol	*101*		*42.3-142*	*%REC*	1	12/29/2022 04:47 PM
Surr: 2-Fluorobiphenyl	*91.6*		*36.8-125*	*%REC*	1	12/29/2022 04:47 PM
Surr: 2-Fluorophenol	*64.2*		*12-89*	*%REC*	1	12/29/2022 04:47 PM
Surr: 4-Terphenyl-d14	*80.1*		*38.3-160*	*%REC*	1	12/29/2022 04:47 PM
Surr: Nitrobenzene-d5	*93.4*		*28-120*	*%REC*	1	12/29/2022 04:47 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 937 Ferndale-mw
Lab ID: 22120947-04
Collection Date: 12/22/2022 01:20 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Phenol-d5	*40.7*		*4.27-70.1*	*%REC*	1	12/29/2022 04:47 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **TJH**
1,1,1,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,1-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,2,3-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,2,3-Trichloropropane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,2,4-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,2-Dibromo-3-chloropropane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,2-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,3-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,3-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
1,4-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
2,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
2-Butanone	ND		50	µg/L	1	12/30/2022 05:18 PM
2-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
2-Hexanone	ND		5.0	µg/L	1	12/30/2022 05:18 PM
4-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Acetone	ND		50	µg/L	1	12/30/2022 05:18 PM
Benzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Bromobenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Bromochloromethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Bromoform	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Bromomethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Carbon disulfide	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Chlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Chloroethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Chloroform	ND		5.0	µg/L	1	12/30/2022 05:18 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 937 Ferndale-mw
Lab ID: 22120947-04
Collection Date: 12/22/2022 01:20 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Dibromomethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Dichlorodifluoromethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Ethylbenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Hexachlorobutadiene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
m,p-Xylene	ND		10	µg/L	1	12/30/2022 05:18 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Methylene chloride	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Naphthalene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
o-Xylene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
p-Isopropyltoluene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Styrene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
tert-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Toluene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Trichloroethene	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Trichlorofluoromethane	ND		5.0	µg/L	1	12/30/2022 05:18 PM
Vinyl chloride	ND		2.0	µg/L	1	12/30/2022 05:18 PM
Xylenes, Total	ND		15	µg/L	1	12/30/2022 05:18 PM
Surr: 4-Bromofluorobenzene	*100*		*61-131*	*%REC*	1	12/30/2022 05:18 PM
Surr: Dibromofluoromethane	*100*		*72-137*	*%REC*	1	12/30/2022 05:18 PM
Surr: Toluene-d8	*101*		*80.4-119*	*%REC*	1	12/30/2022 05:18 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 948 Ferndale-mw
Lab ID: 22120947-05
Collection Date: 12/22/2022 02:35 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7470A**		Prep: SW7470A 12/29/22 10:59	Analyst: **SLT**
Mercury	ND		0.25	µg/L	1	12/30/2022 12:22 PM
METALS BY ICP			**SW6010B**		Prep: SW3010A 12/29/22 10:55	Analyst: **AZ**
Arsenic	ND		0.010	mg/L	1	12/30/2022 06:14 PM
Barium	ND		0.10	mg/L	1	12/30/2022 06:14 PM
Cadmium	ND		0.010	mg/L	1	12/30/2022 06:14 PM
Chromium	ND		0.010	mg/L	1	12/30/2022 06:14 PM
Lead	ND		0.015	mg/L	1	12/30/2022 06:14 PM
Selenium	ND		0.030	mg/L	1	12/30/2022 06:14 PM
Silver	ND		0.050	mg/L	1	12/30/2022 06:14 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270C**		Prep: SW3510C 12/28/22 13:08	Analyst: **RA**
1,2,4,5-Tetrachlorobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
1,2,4-Trichlorobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
1,2-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
1,3-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
1,3-Dinitrobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
1,4-Dichlorobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
1-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
1-Naphthylamine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2,3,4,6-Tetrachlorophenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2,4,5-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2,4,6-Trichlorophenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2,4-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2,4-Dimethylphenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2,4-Dinitrophenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2,4-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2,6-Dichlorophenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2,6-Dinitrotoluene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2-Acetylaminofluorene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2-Chloronaphthalene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2-Chlorophenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2-Methylnaphthalene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
2-Methylphenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2-Naphthylamine	ND		20.0	µg/L	1	12/29/2022 05:07 PM
2-Nitroaniline	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
2-Picoline	ND		20.0	µg/L	1	12/29/2022 05:07 PM
3&4-Methylphenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
3,3`-Dichlorobenzidine	ND		10.0	µg/L	1	12/29/2022 05:07 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 948 Ferndale-mw
Lab ID: 22120947-05
Collection Date: 12/22/2022 02:35 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
3-Methylcholanthrene	ND		20.0	µg/L	1	12/29/2022 05:07 PM
3-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 05:07 PM
4,6-Dinitro-2-methylphenol	ND		20.0	µg/L	1	12/29/2022 05:07 PM
4-Aminobiphenyl	ND		10.0	µg/L	1	12/29/2022 05:07 PM
4-Bromophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 05:07 PM
4-Chloro-3-methylphenol	ND		20.0	µg/L	1	12/29/2022 05:07 PM
4-Chloroaniline	ND		10.0	µg/L	1	12/29/2022 05:07 PM
4-Chlorophenyl phenyl ether	ND		20.0	µg/L	1	12/29/2022 05:07 PM
4-Nitroaniline	ND		20.0	µg/L	1	12/29/2022 05:07 PM
4-Nitrophenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
4-Nitroquinoline 1-oxide	ND		10.0	µg/L	1	12/29/2022 05:07 PM
5-Nitro-o-toluidine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
7,12-Dimethylbenz(a)anthracene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Acenaphthene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Acenaphthylene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Acetophenone	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Aniline	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Anthracene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Azobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Benzidine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Benzo(a)anthracene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Benzo(a)pyrene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Benzo(b)fluoranthene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Benzo(g,h,i)perylene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Benzo(k)fluoranthene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Benzyl alcohol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Bis(2-chloroethoxy)methane	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Bis(2-chloroethyl)ether	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Bis(2-chloroisopropyl)ether	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Bis(2-ethylhexyl)phthalate	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Butyl benzyl phthalate	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Carbazole	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Chrysene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Dibenzo(a,h)anthracene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Dibenzofuran	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Diethyl phthalate	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Dimethyl phthalate	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Di-n-butyl phthalate	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Di-n-octyl phthalate	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Dinoseb	ND		20.0	µg/L	1	12/29/2022 05:07 PM

Note:

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH **Work Order:** 22120947
Sample ID: 948 Ferndale-mw **Lab ID:** 22120947-05
Collection Date: 12/22/2022 02:35 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Diphenylamine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Ethyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Fluoranthene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Fluorene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Hexachlorobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Hexachlorobutadiene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Hexachlorocyclopentadiene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Hexachloroethane	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Indeno(1,2,3-cd)pyrene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Isophorone	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Isosafrole	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Methapyrilene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Methyl methanesulfonate	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Naphthalene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Nitrobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
N-Nitrosodiethylamine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
N-Nitrosodimethylamine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
N-Nitroso-di-n-butylamine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
N-Nitrosodi-n-propylamine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
N-Nitrosomethylethylamine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
N-Nitrosomorpholine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
N-Nitrosopiperidine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
N-Nitrosopyrrolidine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
o-Toluidine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
p-Dimethylaminoazobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Pentachlorobenzene	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Pentachloroethane	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Pentachloronitrobenzene	ND		20.0	µg/L	1	12/29/2022 05:07 PM
Pentachlorophenol	ND		20.0	µg/L	1	12/29/2022 05:07 PM
Phenacetin	ND		20.0	µg/L	1	12/29/2022 05:07 PM
Phenanthrene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Phenol	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Pyrene	ND		0.200	µg/L	1	12/29/2022 05:07 PM
Pyridine	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Safrole	ND		10.0	µg/L	1	12/29/2022 05:07 PM
Surr: 2,4,6-Tribromophenol	*94.5*		*42.3-142*	*%REC*	1	12/29/2022 05:07 PM
Surr: 2-Fluorobiphenyl	*88.4*		*36.8-125*	*%REC*	1	12/29/2022 05:07 PM
Surr: 2-Fluorophenol	*59.7*		*12-89*	*%REC*	1	12/29/2022 05:07 PM
Surr: 4-Terphenyl-d14	*77.8*		*38.3-160*	*%REC*	1	12/29/2022 05:07 PM
Surr: Nitrobenzene-d5	*87.3*		*28-120*	*%REC*	1	12/29/2022 05:07 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 948 Ferndale-mw
Lab ID: 22120947-05
Collection Date: 12/22/2022 02:35 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Phenol-d5	*37.6*		*4.27-70.1*	*%REC*	1	12/29/2022 05:07 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **TJH**
1,1,1,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,1-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,2,3-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,2,3-Trichloropropane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,2,4-Trichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,2-Dibromo-3-chloropropane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,2-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,3-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,3-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
1,4-Dichlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
2,2-Dichloropropane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
2-Butanone	ND		50	µg/L	1	12/30/2022 05:38 PM
2-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
2-Hexanone	ND		5.0	µg/L	1	12/30/2022 05:38 PM
4-Chlorotoluene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Acetone	ND		50	µg/L	1	12/30/2022 05:38 PM
Benzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Bromobenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Bromochloromethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Bromoform	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Bromomethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Carbon disulfide	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Chlorobenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Chloroethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Chloroform	ND		5.0	µg/L	1	12/30/2022 05:38 PM

Note:

ALS Environmental

Date: *11-Jan-23*

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
Work Order: 22120947
Sample ID: 948 Ferndale-mw
Lab ID: 22120947-05
Collection Date: 12/22/2022 02:35 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Dibromomethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Dichlorodifluoromethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Ethylbenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Hexachlorobutadiene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
m,p-Xylene	ND		10	µg/L	1	12/30/2022 05:38 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Methylene chloride	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Naphthalene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
o-Xylene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
p-Isopropyltoluene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Styrene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
tert-Butylbenzene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Toluene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Trichloroethene	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Trichlorofluoromethane	ND		5.0	µg/L	1	12/30/2022 05:38 PM
Vinyl chloride	ND		2.0	µg/L	1	12/30/2022 05:38 PM
Xylenes, Total	ND		15	µg/L	1	12/30/2022 05:38 PM
Surr: 4-Bromofluorobenzene	*97.5*		*61-131*	*%REC*	1	12/30/2022 05:38 PM
Surr: Dibromofluoromethane	*101*		*72-137*	*%REC*	1	12/30/2022 05:38 PM
Surr: Toluene-d8	*102*		*80.4-119*	*%REC*	1	12/30/2022 05:38 PM

Note:

ALS Environmental

Date: 11-Jan-23

Client: Pandey Environmental, LLC
Project: Ferndale/Mayfield Bexley OH
WorkOrder: 22120947

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/L	
mg/L	

ALS Environmental

Date: 11-Jan-23

Client: Pandey Environmental, LLC

Work Order: 22120947

Project: Ferndale/Mayfield Bexley OH

QC BATCH REPORT

Batch ID: **88475** Instrument ID **HG2** Method: **SW7470A**

MBLK Sample ID: **mblk-88475-88475** Units: **µg/L** Analysis Date: **12/30/2022 11:27 AM**

Client ID: Run ID: **HG2_221230A** SeqNo: **2937569** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.25								

LCS Sample ID: **lcs-88475-88475** Units: **µg/L** Analysis Date: **12/30/2022 11:29 AM**

Client ID: Run ID: **HG2_221230A** SeqNo: **2937570** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	4.51	0.25	5	0	90.2	78.7-113	0			

LCSD Sample ID: **lcsd-88475-88475** Units: **µg/L** Analysis Date: **12/30/2022 12:29 PM**

Client ID: Run ID: **HG2_221230A** SeqNo: **2937579** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	4.14	0.25	5	0	82.8	78.7-113	4.51	8.55	20	

MS Sample ID: **22120947-01C MS** Units: **µg/L** Analysis Date: **12/30/2022 12:11 PM**

Client ID: **940 Mayfield-mw** Run ID: **HG2_221230A** SeqNo: **2937573** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	3.91	0.25	5	0	78.2	67.3-108	0			

MSD Sample ID: **22120947-01C MSD** Units: **µg/L** Analysis Date: **12/30/2022 12:13 PM**

Client ID: **940 Mayfield-mw** Run ID: **HG2_221230A** SeqNo: **2937574** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	4.17	0.25	5	0	83.4	67.3-108	3.91	6.44	20	

The following samples were analyzed in this batch:

22120947-01C	22120947-02C	22120947-03C
22120947-04C	22120947-05C	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120947
Project: Ferndale/Mayfield Bexley OH

QC BATCH REPORT

Batch ID: **88473** Instrument ID **ICP1** Method: **SW6010B**

MBLK Sample ID: **MBLK-88473-88473** Units: **mg/L** Analysis Date: **12/30/2022 01:23 PM**
Client ID: Run ID: **ICP1_221230A** SeqNo: **2937926** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.010								
Barium	ND	0.10								
Cadmium	ND	0.010								
Chromium	ND	0.010								
Lead	ND	0.015								
Selenium	ND	0.030								
Silver	ND	0.050								

LCS Sample ID: **LCS-88473-88473** Units: **mg/L** Analysis Date: **12/30/2022 01:26 PM**
Client ID: Run ID: **ICP1_221230A** SeqNo: **2937927** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	1.007	0.010	1.1	0	91.6	81.7-107	0			
Barium	1.008	0.10	1.1	0	91.7	81.2-107	0			
Cadmium	1.017	0.010	1.1	0	92.5	80-120	0			
Chromium	1.031	0.010	1.1	0	93.7	80-120	0			
Lead	1.012	0.015	1.1	0	92	84.6-109	0			
Selenium	1.012	0.030	1.1	0	92	80-120	0			
Silver	0.9818	0.050	1.1	0	89.2	80-120	0			

LCSD Sample ID: **LCSD-88473-88473** Units: **mg/L** Analysis Date: **12/30/2022 01:30 PM**
Client ID: Run ID: **ICP1_221230A** SeqNo: **2937928** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	1.012	0.010	1.1	0	92	81.7-107	1.007	0.458	20	
Barium	1.014	0.10	1.1	0	92.2	81.2-107	1.008	0.566	20	
Cadmium	1.021	0.010	1.1	0	92.8	77.6-114	1.017	0.313	20	
Chromium	1.033	0.010	1.1	0	93.9	72.9-109	1.031	0.192	20	
Lead	1.015	0.015	1.1	0	92.3	73.7-110	1.012	0.304	20	
Selenium	1.011	0.030	1.1	0	91.9	70.7-106	1.012	0.0653	20	
Silver	0.9844	0.050	1.1	0	89.5	77.5-99.3	0.9818	0.269	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120947
Project: Ferndale/Mayfield Bexley OH

QC BATCH REPORT

Batch ID: **88473** Instrument ID **ICP1** Method: **SW6010B**

MS Sample ID: **22120947-05C MS** Units: **mg/L** Analysis Date: **12/30/2022 06:18 PM**

Client ID: **948 Ferndale-mw** Run ID: **ICP1_221230A** SeqNo: **2938590** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.9788	0.010	1.1	0	89	75-125	0			
Barium	1.001	0.10	1.1	0.09658	82.2	75-125	0			
Cadmium	0.9537	0.010	1.1	0	86.7	75-125	0			
Chromium	0.9378	0.010	1.1	0	85.2	75-125	0			
Lead	0.8925	0.015	1.1	0	81.1	59.3-111	0			
Selenium	0.951	0.030	1.1	0	86.4	75-125	0			
Silver	0.916	0.050	1.1	0	83.3	75-125	0			

MSD Sample ID: **22120947-05C MSD** Units: **mg/L** Analysis Date: **12/30/2022 06:21 PM**

Client ID: **948 Ferndale-mw** Run ID: **ICP1_221230A** SeqNo: **2938591** Prep Date: **12/29/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.9766	0.010	1.1	0	88.8	73.2-107	0.9788	0.225	20	
Barium	0.9995	0.10	1.1	0.09658	82.1	75-125	1.001	0.132	20	
Cadmium	0.9515	0.010	1.1	0	86.5	76.4-108	0.9537	0.231	20	
Chromium	0.9494	0.010	1.1	0	86.3	73-104	0.9378	1.24	20	
Lead	0.8901	0.015	1.1	0	80.9	59.3-111	0.8925	0.272	20	
Selenium	0.951	0.030	1.1	0	86.4	71.3-104	0.951	0	20	
Silver	0.9331	0.050	1.1	0	84.8	74.6-98.9	0.916	1.86	20	

The following samples were analyzed in this batch:

22120947-01C	22120947-02C	22120947-03C
22120947-04C	22120947-05C	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **88434** Instrument ID **SVMS4** Method: **SW8270C**

MBLK Sample ID: **MBLK-88434-88434** Units: **µg/L** Analysis Date: **12/29/2022 01:18 PM**
Client ID: Run ID: **SVMS4_221229A** SeqNo: **2937718** Prep Date: **12/28/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	ND	10								
1,2,4-Trichlorobenzene	ND	10								
1,2-Dichlorobenzene	ND	10								
1,3-Dichlorobenzene	ND	10								
1,3-Dinitrobenzene	ND	10								
1,4-Dichlorobenzene	ND	10								
1-Methylnaphthalene	ND	0.20								
1-Naphthylamine	ND	10								
2,3,4,6-Tetrachlorophenol	ND	10								
2,4,5-Trichlorophenol	ND	10								
2,4,6-Trichlorophenol	ND	10								
2,4-Dichlorophenol	ND	10								
2,4-Dimethylphenol	ND	10								
2,4-Dinitrophenol	ND	10								
2,4-Dinitrotoluene	ND	10								
2,6-Dichlorophenol	ND	10								
2,6-Dinitrotoluene	ND	10								
2-Acetylaminofluorene	ND	10								
2-Chloronaphthalene	ND	10								
2-Chlorophenol	ND	10								
2-Methylnaphthalene	ND	0.20								
2-Methylphenol	ND	10								
2-Naphthylamine	ND	20								
2-Nitroaniline	ND	10								
2-Nitrophenol	ND	10								
2-Picoline	ND	20								
3&4-Methylphenol	ND	10								
3,3`-Dichlorobenzidine	ND	10								
3-Methylcholanthrene	ND	20								
3-Nitroaniline	ND	20								
4,6-Dinitro-2-methylphenol	ND	20								
4-Aminobiphenyl	ND	10								
4-Bromophenyl phenyl ether	ND	20								
4-Chloro-3-methylphenol	ND	20								
4-Chloroaniline	ND	10								
4-Chlorophenyl phenyl ether	ND	20								
4-Nitroaniline	ND	20								
4-Nitrophenol	ND	10								
4-Nitroquinoline 1-oxide	ND	10								
5-Nitro-o-toluidine	ND	10								
7,12-Dimethylbenz(a)anthracene	ND	10								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **88434** Instrument ID **SVMS4** Method: **SW8270C**

Acenaphthene	ND	0.20
Acenaphthylene	ND	0.20
Acetophenone	ND	10
Aniline	ND	10
Anthracene	ND	0.20
Azobenzene	ND	10
Benzidine	ND	10
Benzo(a)anthracene	ND	0.20
Benzo(a)pyrene	ND	0.20
Benzo(b)fluoranthene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Benzo(k)fluoranthene	ND	0.20
Benzyl alcohol	ND	10
Bis(2-chloroethoxy)methane	ND	10
Bis(2-chloroethyl)ether	ND	10
Bis(2-chloroisopropyl)ether	ND	10
Bis(2-ethylhexyl)phthalate	ND	10
Butyl benzyl phthalate	ND	10
Carbazole	ND	0.20
Chrysene	ND	0.20
Dibenzo(a,h)anthracene	ND	0.20
Dibenzofuran	ND	10
Diethyl phthalate	ND	10
Dimethyl phthalate	ND	10
Di-n-butyl phthalate	ND	10
Di-n-octyl phthalate	ND	10
Dinoseb	ND	20
Diphenylamine	ND	10
Ethyl methanesulfonate	ND	10
Fluoranthene	ND	0.20
Fluorene	ND	0.20
Hexachlorobenzene	ND	10
Hexachlorobutadiene	ND	10
Hexachlorocyclopentadiene	ND	10
Hexachloroethane	ND	10
Indeno(1,2,3-cd)pyrene	ND	0.20
Isophorone	ND	10
Isosafrole	ND	10
Methapyrilene	ND	10
Methyl methanesulfonate	ND	10
Naphthalene	ND	0.20
Nitrobenzene	ND	10
N-Nitrosodiethylamine	ND	10
N-Nitrosodimethylamine	ND	10
N-Nitroso-di-n-butylamine	ND	10
N-Nitrosodi-n-propylamine	ND	10
N-Nitrosomethylethylamine	ND	10

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **88434** Instrument ID **SVMS4** Method: **SW8270C**

N-Nitrosomorpholine	ND	10					
N-Nitrosopiperidine	ND	10					
N-Nitrosopyrrolidine	ND	10					
o-Toluidine	ND	10					
p-Dimethylaminoazobenzene	ND	10					
Pentachlorobenzene	ND	10					
Pentachloroethane	ND	10					
Pentachloronitrobenzene	ND	20					
Pentachlorophenol	ND	20					
Phenacetin	ND	20					
Phenanthrene	ND	0.20					
Phenol	ND	10					
Pyrene	ND	0.20					
Pyridine	ND	10					
Safrole	ND	10					
Surr: 2,4,6-Tribromophenol	*403.6*	0	*400*	0	*101*	*42.3-142*	0
Surr: 2-Fluorobiphenyl	*160.5*	0	*200*	0	*80.2*	*36.8-125*	0
Surr: 2-Fluorophenol	*231.3*	0	*400*	0	*57.8*	*12-89*	0
Surr: 4-Terphenyl-d14	*173.7*	0	*200*	0	*86.8*	*38.3-160*	0
Surr: Nitrobenzene-d5	*173.3*	0	*200*	0	*86.7*	*28-120*	0
Surr: Phenol-d5	*144*	0	*400*	0	*36*	*4.27-70.1*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120947
Project: Ferndale/Mayfield Bexley OH

QC BATCH REPORT

Batch ID: **88434** Instrument ID **SVMS4** Method: **SW8270C**

LCS Sample ID: **LCS-88434-88434** Units: **µg/L** Analysis Date: **12/29/2022 01:37 PM**
Client ID: Run ID: **SVMS4_221229A** SeqNo: **2937719** Prep Date: **12/28/2022** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	153.5	10	200	0	76.8	33.3-96.9	0			
1,4-Dichlorobenzene	130.3	10	200	0	65.1	24.6-94.5	0			
2,4-Dinitrotoluene	188.5	10	200	0	94.2	58.9-126	0			
2-Chlorophenol	149.6	10	200	0	74.8	53-97.3	0			
4-Chloro-3-methylphenol	177.9	20	200	0	88.9	58.1-110	0			
4-Nitrophenol	74.1	10	200	0	37	17.3-80.3	0			
Acenaphthene	164	0.20	200	0	82	40.1-123	0			
Acenaphthylene	175.5	0.20	200	0	87.8	59.3-126	0			
Anthracene	172.4	0.20	200	0	86.2	62.1-110	0			
Benzo(a)anthracene	176.2	0.20	200	0	88.1	55.5-112	0			
Benzo(a)pyrene	199.7	0.20	200	0	99.9	62.1-118	0			
Benzo(b)fluoranthene	180	0.20	200	0	90	59.9-113	0			
Benzo(g,h,i)perylene	185.9	0.20	200	0	92.9	42.3-123	0			
Benzo(k)fluoranthene	195.4	0.20	200	0	97.7	54.7-99.1	0			
Carbazole	193.8	0.20	200	0	96.9	49.9-163	0			
Chrysene	169.1	0.20	200	0	84.5	63.1-116	0			
Dibenzo(a,h)anthracene	197	0.20	200	0	98.5	47.1-168	0			
Fluoranthene	191.6	0.20	200	0	95.8	62.1-121	0			
Fluorene	170.3	0.20	200	0	85.2	59.5-120	0			
Indeno(1,2,3-cd)pyrene	207.6	0.20	200	0	104	56.3-141	0			
Naphthalene	145.4	0.20	200	0	72.7	46.6-104	0			
N-Nitrosodi-n-propylamine	110.6	10	200	0	55.3	42.7-95.9	0			
Pentachlorophenol	202.8	20	200	0	101	34.1-130	0			
Phenanthrene	162.5	0.20	200	0	81.2	63-118	0			
Phenol	62.72	10	200	0	31.4	17.5-68	0			
Pyrene	187.6	0.20	200	0	93.8	42-125	0			
Surr: 2,4,6-Tribromophenol	*445.4*	0	*400*	0	*111*	*42.3-142*	0			
Surr: 2-Fluorobiphenyl	*188*	0	*200*	0	*94*	*36.8-125*	0			
Surr: 2-Fluorophenol	*199.5*	0	*400*	0	*49.9*	*12-89*	0			
Surr: 4-Terphenyl-d14	*189.7*	0	*200*	0	*94.9*	*38.3-160*	0			
Surr: Nitrobenzene-d5	*172.6*	0	*200*	0	*86.3*	*28-120*	0			
Surr: Phenol-d5	*134*	0	*400*	0	*33.5*	*4.27-70.1*	0			

The following samples were analyzed in this batch: 22120947-01B 22120947-02B 22120947-03B 22120947-04B 22120947-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R212208** Instrument ID **VMS6** Method: **SW8260B**

MBLK Sample ID: **MBLK-R212208** Units: **µg/L** Analysis Date: **12/30/2022 02:29 PM**
Client ID: Run ID: **VMS6_221230A** SeqNo: **2938402** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0								
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,1-Dichloropropene	ND	5.0								
1,2,3-Trichlorobenzene	ND	5.0								
1,2,3-Trichloropropane	ND	5.0								
1,2,4-Trichlorobenzene	ND	5.0								
1,2,4-Trimethylbenzene	ND	5.0								
1,2-Dibromo-3-chloropropane	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichlorobenzene	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3,5-Trimethylbenzene	ND	5.0								
1,3-Dichlorobenzene	ND	5.0								
1,3-Dichloropropane	ND	5.0								
1,4-Dichlorobenzene	ND	5.0								
2,2-Dichloropropane	ND	5.0								
2-Butanone	ND	50								
2-Chlorotoluene	ND	5.0								
2-Hexanone	ND	5.0								
4-Chlorotoluene	ND	5.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	50								
Benzene	ND	5.0								
Bromobenzene	ND	5.0								
Bromochloromethane	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	5.0								
Carbon disulfide	ND	5.0								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	5.0								
Chloroform	ND	5.0								
Chloromethane	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R212208** Instrument ID **VMS6** Method: **SW8260B**

Dibromochloromethane	ND	5.0					
Dibromomethane	ND	5.0					
Dichlorodifluoromethane	ND	5.0					
Ethylbenzene	ND	5.0					
Hexachlorobutadiene	ND	5.0					
Isopropylbenzene	ND	5.0					
m,p-Xylene	ND	10					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
Naphthalene	ND	5.0					
n-Butylbenzene	ND	5.0					
n-Propylbenzene	ND	5.0					
o-Xylene	ND	5.0					
p-Isopropyltoluene	ND	5.0					
sec-Butylbenzene	ND	5.0					
Styrene	ND	5.0					
tert-Butylbenzene	ND	5.0					
Tetrachloroethene	ND	5.0					
Toluene	ND	5.0					
trans-1,2-Dichloroethene	ND	5.0					
trans-1,3-Dichloropropene	ND	5.0					
Trichloroethene	ND	5.0					
Trichlorofluoromethane	ND	5.0					
Vinyl chloride	ND	2.0					
Xylenes, Total	ND	15					
Surr: 4-Bromofluorobenzene	*50.55*	0	*50*	0	*101*	*61-131*	0
Surr: Dibromofluoromethane	*49.62*	0	*50*	0	*99.2*	*72-137*	0
Surr: Toluene-d8	*51.02*	0	*50*	0	*102*	*80.4-119*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120947
Project: Ferndale/Mayfield Bexley OH

QC BATCH REPORT

Batch ID: **R212208** Instrument ID **VMS6** Method: **SW8260B**

LCS	Sample ID: **LCS-R212208**				Units: **µg/L**			Analysis Date: **12/30/2022 01:07 PM**		
Client ID:	Run ID: **VMS6_221230A**				SeqNo: **2938399**		Prep Date:		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	49.26	5.0	50	0	98.5	48.4-140	0			
1,1-Dichloroethene	55.56	5.0	50	0	111	45.5-150	0			
1,2-Dichloroethane	48.14	5.0	50	0	96.3	46.5-141	0			
1,3-Dichlorobenzene	47.79	5.0	50	0	95.6	42.5-133	0			
1,4-Dichlorobenzene	46.42	5.0	50	0	92.8	38.9-136	0			
Benzene	49.99	5.0	50	0	100	50.7-134	0			
Carbon tetrachloride	52.71	5.0	50	0	105	45.5-143	0			
Chlorobenzene	46.52	5.0	50	0	93	45-133	0			
Chloroform	48.96	5.0	50	0	97.9	52.4-136	0			
cis-1,2-Dichloroethene	49.12	5.0	50	0	98.2	49.7-138	0			
Ethylbenzene	46.12	5.0	50	0	92.2	37.8-145	0			
m,p-Xylene	95.45	10	100	0	95.4	25.1-163	0			
Methyl tert-butyl ether	57.69	5.0	50	0	115	26.7-174	0			
Styrene	49.15	5.0	50	0	98.3	26.3-172	0			
Tetrachloroethene	39.8	5.0	50	0	79.6	37.3-139	0			
Toluene	47.89	5.0	50	0	95.8	44-135	0			
Trichloroethene	51.72	5.0	50	0	103	45.9-140	0			
Xylenes, Total	142.3	15	150	0	94.9	47.3-132	0			
Surr: 4-Bromofluorobenzene	*49.92*	0	*50*	0	*99.8*	*61-131*	0			
Surr: Dibromofluoromethane	*52.93*	0	*50*	0	*106*	*72-137*	0			
Surr: Toluene-d8	*50.84*	0	*50*	0	*102*	*80.4-119*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120947
Project: Ferndale/Mayfield Bexley OH

QC BATCH REPORT

Batch ID: **R212208** Instrument ID **VMS6** Method: **SW8260B**

MS Sample ID: **22120999-03A MS** Units: **µg/L** Analysis Date: **12/30/2022 01:28 PM**
Client ID: Run ID: **VMS6_221230A** SeqNo: **2938400** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52.85	5.0	50	0	106	40.4-134	0			
1,1-Dichloroethene	58.4	5.0	50	0	117	45.3-151	0			
1,2-Dichloroethane	51.1	5.0	50	0	102	37-139	0			
1,3-Dichlorobenzene	49.05	5.0	50	0	98.1	42.9-121	0			
1,4-Dichlorobenzene	48.07	5.0	50	0	96.1	53.4-129	0			
Benzene	53.43	5.0	50	0	107	37.4-144	0			
Carbon tetrachloride	57.72	5.0	50	0	115	33.8-150	0			
Chlorobenzene	48.97	5.0	50	0	97.9	52.4-132	0			
Chloroform	51.05	5.0	50	0	102	45.5-135	0			
cis-1,2-Dichloroethene	50.97	5.0	50	0	102	35.2-150	0			
Ethylbenzene	48.77	5.0	50	0	97.5	46.5-146	0			
m,p-Xylene	101.6	10	100	0	102	38.2-167	0			
Styrene	51.72	5.0	50	0	103	20.9-184	0			
Tetrachloroethene	41.76	5.0	50	0	83.5	55.2-134	0			
Toluene	51.52	5.0	50	0	103	32.7-140	0			
Trichloroethene	55.92	5.0	50	0	112	29.1-153	0			
Xylenes, Total	151.7	15	150	0	101	43.6-148	0			
Surr: 4-Bromofluorobenzene	*49.9*	0	*50*	0	*99.8*	*61-131*	0			
Surr: Dibromofluoromethane	*52.11*	0	*50*	0	*104*	*72-137*	0			
Surr: Toluene-d8	*51.48*	0	*50*	0	*103*	*80.4-119*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 22120947
Project: Ferndale/Mayfield Bexley OH

QC BATCH REPORT

Batch ID: **R212208** Instrument ID **VMS6** Method: **SW8260B**

MSD Sample ID: **22120999-03A MSD** Units: **µg/L** Analysis Date: **12/30/2022 01:48 PM**

Client ID: Run ID: **VMS6_221230A** SeqNo: **2938401** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51.06	5.0	50	0	102	40.4-134	52.85	3.45	20	
1,1-Dichloroethene	54.89	5.0	50	0	110	45.3-151	58.4	6.2	20	
1,2-Dichloroethane	50.61	5.0	50	0	101	37-139	51.1	0.964	20	
1,3-Dichlorobenzene	47.97	5.0	50	0	95.9	42.9-121	49.05	2.23	20	
1,4-Dichlorobenzene	46.19	5.0	50	0	92.4	53.4-129	48.07	3.99	20	
Benzene	51.36	5.0	50	0	103	37.4-144	53.43	3.95	20	
Carbon tetrachloride	54.85	5.0	50	0	110	33.8-150	57.72	5.1	20	
Chlorobenzene	46.81	5.0	50	0	93.6	52.4-132	48.97	4.51	20	
Chloroform	48.56	5.0	50	0	97.1	45.5-135	51.05	5	20	
cis-1,2-Dichloroethene	48.84	5.0	50	0	97.7	35.2-150	50.97	4.27	21	
Ethylbenzene	46.4	5.0	50	0	92.8	46.5-146	48.77	4.98	20	
m,p-Xylene	96.23	10	100	0	96.2	38.2-167	101.6	5.45	20	
Styrene	49.41	5.0	50	0	98.8	20.9-184	51.72	4.57	20	
Tetrachloroethene	39.54	5.0	50	0	79.1	55.2-134	41.76	5.46	20	
Toluene	49.66	5.0	50	0	99.3	32.7-140	51.52	3.68	20	
Trichloroethene	52.86	5.0	50	0	106	29.1-153	55.92	5.63	20	
Xylenes, Total	143.7	15	150	0	95.8	43.6-148	151.7	5.47	20	
Surr: 4-Bromofluorobenzene	*50.6*	0	*50*	0	*101*	*61-131*	49.9	*1.39*		
Surr: Dibromofluoromethane	*51.5*	0	*50*	0	*103*	*72-137*	52.11	*1.18*		
Surr: Toluene-d8	*52.07*	0	*50*	0	*104*	*80.4-119*	51.48	*1.14*		

The following samples were analyzed in this batch:

22120947-01A	22120947-02A	22120947-03A
22120947-04A	22120947-05A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Sample Receipt Checklist

Client Name: **PANDEYENVIRONMENTAL-COLU** Date/Time Received: **27-Dec-22 14:15**

Work Order: **22120947** Received by: **AB**

Checklist completed by Alec Bolender 27-Dec-22 Reviewed by: Rob Nieman 05-Jan-23

eSignature | Date | eSignature | Date

Matrices: water

Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.4	119059	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

Field Chain-of-Custody Record

Page 1 of 1

71514 REV 10/2017

22120947

Ship To: ALS Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (513) 733-5336
Fax: (513) 733-5347

☒ REGULAR Status ☐ RUSH Status — RESULTS REQUIRED BY: (Date) — CONTACT ALS ENVIRONMENTAL PRIOR TO SENDING SAMPLES

OH VAP: ☒ YES ☐ NO — BUSTR: ☐ YES ☒ NO — NELAC: ☐ YES ☒ NO

Date: 12/27/22 — Purchase Order No.:

Company Name: PANDEY Environmental, LLC — Project No.:

Address: 6277 Riverside Dr. Suite 2 South — Sampling Site: Femdale / mayfield

Dublin (City) OH (State) 43017 (Zip) — Berkley, Ohio

Person to Contact: Jason martin — Billing Address (if different):

Email Address: Jmartin@pandyenvironmental.com

Telephone ( ): 6144448078

Alternate Contact: dragusa@pandyenvironmental.com

ALS Lab ID	Sample ID / Description	Date	Time	Preservation Key #	Sample Type / Matrix Key Abbr.	# of Sample Containers	ANALYSIS REQUESTED: VOC's	SVOC's	RCRA 8 metals
1	940 Mayfield - mw	12/22/22	9:40	1,2	W	4	X	X	X
2	952 Mayfield - mw	12/22/22	10:55	1,2	W	4	X	X	X
3	947-949 Femdale - mw	12/22/22	12:10	1,2	W	4	X	X	X
4	937 Femdale - mw	12/22/22	1:20	1,2	W	4	X	X	X
5	948 Femdale - mw	12/22/22	2:35	1,2	W	4	X	X	X

Notes:

Preservation Key: 1 - HCl 2 - HNO_3 3 - H_2SO_4 4 - NaOH 5 - $Na_2S_2O_3$ 6 - $NaHSO_4$ 7 - NaOH/ZnAcetate 8 - Other 9 - 4°C

Matrix Key: A - Air B - Bulk S - Soil W - Water

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

Relinquished By: (Signature)	Time / Date	Received By: (Signature)	Time / Date
Tom Pugsley	12:00 12/27		
		Alex Ben	12-27-22 1915

ALS LAB USE ONLY

COOLER TEMP: 3.4 °C — TAKEN WITH IR#: 119063 119059

COOLING METHOD: NONE COOLER WET ICE DRY ICE ICE PACK

DELIVERY METHOD: CLIENT DROP BOX FEDEX UPS STD MAIL PRTY MAIL ALS COURIER OTHER:

CUSTODY SEALS: NOT REQUIRED COOLER PACKAGE SAMPLES

pH ADJUSTMENTS:

Affidavit of VAP Certified Laboratory

[For VAP certified laboratories to attest to "certified data" under OAC 3745-300-13(N) and OAC 3745-300-04(A). Note that Ohio EPA is to receive a legible copy of the CL's affidavit. The entity that received the CL's analytical report under affidavit may retain the CL's affidavit original.]

State of Ohio)
) ss:
County of Hamilton)

I, Tracey Earle, being first duly sworn according to law, state that, to the best of my knowledge, information and belief:

1. I am an adult over the age of eighteen years old and competent to testify herein.

2. I am employed by ALS Environmental ("the laboratory") as the Quality Assurance Manager. I am authorized to submit this affidavit on behalf of the laboratory.

3. The purpose of this submission is to support a request for a no further action letter or other aspects of a voluntary action, under Ohio's Voluntary Action Program (VAP) as set forth in Ohio Revised Code Chapter 3746 and Ohio Administrative Code (OAC) Chapter 3745-300.

4. ALS Environmental performed analyses for Pandey Environmental, LLC for a voluntary action at a property known as the BFM-9 project located at 952 and 940 Mayfield Place and 947/949, 948, and 937 Ferndale Place Bexley, OH 43209.

5. This affidavit applies to and is submitted with the following information, data, documents or reports for the property:

ALS Work Order ID	Date of Document
22120947 Metals (SW6010B)	1/11/23
22120947 Mercury (SW7470A)	1/11/23
22120947 SVOCs (SW8270C)	1/11/23
22120947 VOCs (SW8260B)	1/11/23

6. ALS Environmental was a VAP certified laboratory pursuant to OAC 3745-300-04 when it performed the analyses referenced herein.

7. All analyses under this affidavit consist of VAP "certified data" as described in OAC 3745-300-04(A) - - unless paragraph b., below, specifies the exceptions:

   a. The laboratory performed the analyses within its current VAP certification. The laboratory was certified for each analyte, parameter group, and method used at the time that it performed the analyses. The analyses were performed consistent with the laboratory's standard operating procedures and quality assurance program plan as approved under OAC 3745-300-04. Please refer to the case narrative, sample receipt checklist, and the analytical comments sections of the

report for possible outliers.

b. Exceptions, if any: the lab was not VAP certified for the following analytes:

ALS Work Order #	Analyte / Parameter Group	Method
22120947	1-methylnaphthalene , Carbazole, Pentachloroethane/SVOC	SW8270C

8. The information, data, documents and reports identified under this affidavit are true, accurate and complete.

Further affiant sayeth naught.

Tracy Eade
Signature of Affiant

Sworn to before me and subscribed in my presence this 26 day of January, 2023

Hannah Wall
Notary Public

NOTARIAL SEAL
STATE OF OHIO

Hannah Wall
Notary Public, State of Ohio
My Commission Expires:
March 22, 2026

19-Jan-2023

Jason Martin
Pandey Environmental, LLC
6277 Riverside Drive
Suite Two South
Dublin, OH 43017

Re: **BFM-9** Work Order: **23010091**

Dear Jason,

ALS Environmental received 7 samples on 04-Jan-2023 02:43 PM for the analyses presented in the following report.

This is a REVISED REPORT. The Case Narrative provides information discussing the reason for issuing a revised report. The total number of pages in this revision is 42.

If you have any questions regarding these test results, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Hannah Ponder

Shawn Smythe
Project Manager

Report of Laboratory Analysis

ALS Environmental

Date: 19-Jan-23

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: **23010091**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
23010091-01	940 Mayfield-SG	Air		12/30/2022	1/4/2023 14:43	☐
23010091-02	946 Mayfield-SG	Air		12/30/2022	1/4/2023 14:43	☐
23010091-03	947-949 Ferndale-SG	Air		12/30/2022	1/4/2023 14:43	☐
23010091-04	953-955 Ferndale-SG	Air		12/30/2022	1/4/2023 14:43	☐
23010091-05	950-956 Ferndale-SG	Air		12/30/2022	1/4/2023 14:43	☐
23010091-06	948 Ferndale-SG	Air		12/30/2022	1/4/2023 14:43	☐
23010091-07	937 Ferndale-SG	Air		12/30/2022	1/4/2023 14:43	☐

ALS Environmental

Date: 19-Jan-23

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010091

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS is an EPA recognized NLLAP laboratory for lead paint, soil, and dust wipe analyses under its AIHA-LAP accreditation.The analyses requested were analyzed according to Ohio Voluntary Action Program requirements. Affidavits are available upon request.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

Report revised 1/19/2023 to update the case narrative.
QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 940 Mayfield-SG **Lab ID:** 23010091-01
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,1,2,2-Tetrachloroethane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,1,2-Trichloroethane	ND		0.20	ppbv	1	1/12/2023 05:53 PM
1,1-Dichloroethane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,1-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,2,4-Trichlorobenzene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,2,4-Trimethylbenzene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,2-Dibromoethane	ND		0.20	ppbv	1	1/12/2023 05:53 PM
1,2-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,2-Dichloroethane	ND		0.20	ppbv	1	1/12/2023 05:53 PM
1,2-Dichloropropane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,3,5-Trimethylbenzene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,3-Butadiene	ND		0.20	ppbv	1	1/12/2023 05:53 PM
1,3-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
1,4-Dichlorobenzene	ND		0.20	ppbv	1	1/12/2023 05:53 PM
1,4-Dioxane	ND		1.0	ppbv	1	1/12/2023 05:53 PM
2-Butanone	ND		1.0	ppbv	1	1/12/2023 05:53 PM
2-Hexanone	ND		1.0	ppbv	1	1/12/2023 05:53 PM
2-Propanol	ND		1.0	ppbv	1	1/12/2023 05:53 PM
4-Ethyltoluene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
4-Methyl-2-pentanone	ND		1.0	ppbv	1	1/12/2023 05:53 PM
Acetone	**45**	E	**1.0**	**ppbv**	1	1/12/2023 05:53 PM
Benzene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Benzyl chloride	ND		1.0	ppbv	1	1/12/2023 05:53 PM
Bromodichloromethane	ND		0.20	ppbv	1	1/12/2023 05:53 PM
Bromoform	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Bromomethane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Carbon disulfide	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Carbon tetrachloride	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Chlorobenzene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Chloroethane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Chloroform	ND		0.20	ppbv	1	1/12/2023 05:53 PM
Chloromethane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
cis-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
cis-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Cumene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Cyclohexane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Dibromochloromethane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Dichlorodifluoromethane	**0.92**		**0.50**	**ppbv**	1	1/12/2023 05:53 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 940 Mayfield-SG **Lab ID:** 23010091-01
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Ethyl acetate	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Ethylbenzene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Freon 113	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Freon 114	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Heptane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Hexachlorobutadiene	ND		0.20	ppbv	1	1/12/2023 05:53 PM
Hexane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
m,p-Xylene	**1.5**		**0.50**	**ppbv**	1	1/12/2023 05:53 PM
Methylene chloride	ND		2.0	ppbv	1	1/12/2023 05:53 PM
MTBE	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Naphthalene	ND		0.20	ppbv	1	1/12/2023 05:53 PM
o-Xylene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Propene	**1.3**		**0.50**	**ppbv**	1	1/12/2023 05:53 PM
Styrene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Tetrachloroethene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Tetrahydrofuran	**5.3**		**0.50**	**ppbv**	1	1/12/2023 05:53 PM
Toluene	**4.3**		**0.50**	**ppbv**	1	1/12/2023 05:53 PM
trans-1,2-Dichloroethene	**10**		**0.50**	**ppbv**	1	1/12/2023 05:53 PM
trans-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Trichloroethene	ND		0.20	ppbv	1	1/12/2023 05:53 PM
Trichlorofluoromethane	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Vinyl acetate	ND		1.0	ppbv	1	1/12/2023 05:53 PM
Vinyl chloride	ND		0.50	ppbv	1	1/12/2023 05:53 PM
Surr: Bromofluorobenzene	*102*		*60-140*	*%REC*	1	1/12/2023 05:53 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		2.73	µg/m3	1	1/12/2023 05:53 PM
1,1,2,2-Tetrachloroethane	ND		3.43	µg/m3	1	1/12/2023 05:53 PM
1,1,2-Trichloroethane	ND		1.09	µg/m3	1	1/12/2023 05:53 PM
1,1-Dichloroethane	ND		2.02	µg/m3	1	1/12/2023 05:53 PM
1,1-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 05:53 PM
1,2,4-Trichlorobenzene	ND		3.71	µg/m3	1	1/12/2023 05:53 PM
1,2,4-Trimethylbenzene	ND		2.46	µg/m3	1	1/12/2023 05:53 PM
1,2-Dibromoethane	ND		1.54	µg/m3	1	1/12/2023 05:53 PM
1,2-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 05:53 PM
1,2-Dichloroethane	ND		0.809	µg/m3	1	1/12/2023 05:53 PM
1,2-Dichloropropane	ND		2.31	µg/m3	1	1/12/2023 05:53 PM
1,3,5-Trimethylbenzene	ND		2.46	µg/m3	1	1/12/2023 05:53 PM
1,3-Butadiene	ND		0.442	µg/m3	1	1/12/2023 05:53 PM
1,3-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 05:53 PM
1,4-Dichlorobenzene	ND		1.20	µg/m3	1	1/12/2023 05:53 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 940 Mayfield-SG **Lab ID:** 23010091-01
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,4-Dioxane	ND		3.60	µg/m3	1	1/12/2023 05:53 PM
2-Butanone	ND		2.95	µg/m3	1	1/12/2023 05:53 PM
2-Hexanone	ND		4.10	µg/m3	1	1/12/2023 05:53 PM
2-Propanol	ND		2.46	µg/m3	1	1/12/2023 05:53 PM
4-Ethyltoluene	ND		2.46	µg/m3	1	1/12/2023 05:53 PM
4-Methyl-2-pentanone	ND		4.10	µg/m3	1	1/12/2023 05:53 PM
Acetone	**108**	E	**2.38**	**µg/m3**	1	1/12/2023 05:53 PM
Benzene	ND		1.60	µg/m3	1	1/12/2023 05:53 PM
Benzyl chloride	ND		5.18	µg/m3	1	1/12/2023 05:53 PM
Bromodichloromethane	ND		1.34	µg/m3	1	1/12/2023 05:53 PM
Bromoform	ND		5.17	µg/m3	1	1/12/2023 05:53 PM
Bromomethane	ND		1.94	µg/m3	1	1/12/2023 05:53 PM
Carbon disulfide	ND		1.56	µg/m3	1	1/12/2023 05:53 PM
Carbon tetrachloride	ND		3.15	µg/m3	1	1/12/2023 05:53 PM
Chlorobenzene	ND		2.30	µg/m3	1	1/12/2023 05:53 PM
Chloroethane	ND		1.32	µg/m3	1	1/12/2023 05:53 PM
Chloroform	ND		0.976	µg/m3	1	1/12/2023 05:53 PM
Chloromethane	ND		1.03	µg/m3	1	1/12/2023 05:53 PM
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 05:53 PM
cis-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 05:53 PM
Cumene	ND		2.46	µg/m3	1	1/12/2023 05:53 PM
Cyclohexane	ND		1.72	µg/m3	1	1/12/2023 05:53 PM
Dibromochloromethane	ND		4.26	µg/m3	1	1/12/2023 05:53 PM
Dichlorodifluoromethane	**4.55**		**2.47**	**µg/m3**	1	1/12/2023 05:53 PM
Ethyl acetate	ND		1.80	µg/m3	1	1/12/2023 05:53 PM
Ethylbenzene	ND		2.17	µg/m3	1	1/12/2023 05:53 PM
Freon 113	ND		3.83	µg/m3	1	1/12/2023 05:53 PM
Freon 114	ND		3.50	µg/m3	1	1/12/2023 05:53 PM
Heptane	ND		2.05	µg/m3	1	1/12/2023 05:53 PM
Hexachlorobutadiene	ND		2.13	µg/m3	1	1/12/2023 05:53 PM
Hexane	ND		1.76	µg/m3	1	1/12/2023 05:53 PM
m,p-Xylene	**6.60**		**2.17**	**µg/m3**	1	1/12/2023 05:53 PM
Methylene chloride	ND		7.00	µg/m3	1	1/12/2023 05:53 PM
MTBE	ND		1.80	µg/m3	1	1/12/2023 05:53 PM
Naphthalene	ND		1.05	µg/m3	1	1/12/2023 05:53 PM
o-Xylene	ND		2.17	µg/m3	1	1/12/2023 05:53 PM
Propene	**2.19**		**0.861**	**µg/m3**	1	1/12/2023 05:53 PM
Styrene	ND		2.13	µg/m3	1	1/12/2023 05:53 PM
Tetrachloroethene	ND		3.39	µg/m3	1	1/12/2023 05:53 PM
Tetrahydrofuran	**15.5**		**1.47**	**µg/m3**	1	1/12/2023 05:53 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010091
Sample ID: 940 Mayfield-SG
Lab ID: 23010091-01
Collection Date: 12/30/2022
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	**16.4**		**1.88**	**µg/m3**	1	1/12/2023 05:53 PM
trans-1,2-Dichloroethene	**39.6**		**1.98**	**µg/m3**	1	1/12/2023 05:53 PM
trans-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 05:53 PM
Trichloroethene	ND		1.07	µg/m3	1	1/12/2023 05:53 PM
Trichlorofluoromethane	ND		2.81	µg/m3	1	1/12/2023 05:53 PM
Vinyl acetate	ND		3.52	µg/m3	1	1/12/2023 05:53 PM
Vinyl chloride	ND		1.28	µg/m3	1	1/12/2023 05:53 PM
Surr: Bromofluorobenzene	*102*		*60-140*	*%REC*	1	1/12/2023 05:53 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 946 Mayfield-SG **Lab ID:** 23010091-02
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		0.50	ppbv	1	1/12/2023 06:41 PM
1,1,2,2-Tetrachloroethane	ND		0.50	ppbv	1	1/12/2023 06:41 PM
1,1,2-Trichloroethane	ND		0.20	ppbv	1	1/12/2023 06:41 PM
1,1-Dichloroethane	ND		0.50	ppbv	1	1/12/2023 06:41 PM
1,1-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
1,2,4-Trichlorobenzene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
1,2,4-Trimethylbenzene	**3.1**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
1,2-Dibromoethane	ND		0.20	ppbv	1	1/12/2023 06:41 PM
1,2-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
1,2-Dichloroethane	ND		0.20	ppbv	1	1/12/2023 06:41 PM
1,2-Dichloropropane	ND		0.50	ppbv	1	1/12/2023 06:41 PM
1,3,5-Trimethylbenzene	**0.66**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
1,3-Butadiene	ND		0.20	ppbv	1	1/12/2023 06:41 PM
1,3-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
1,4-Dichlorobenzene	ND		0.20	ppbv	1	1/12/2023 06:41 PM
1,4-Dioxane	ND		1.0	ppbv	1	1/12/2023 06:41 PM
2-Butanone	ND		1.0	ppbv	1	1/12/2023 06:41 PM
2-Hexanone	ND		1.0	ppbv	1	1/12/2023 06:41 PM
2-Propanol	**1.8**		**1.0**	**ppbv**	1	1/12/2023 06:41 PM
4-Ethyltoluene	**0.77**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
4-Methyl-2-pentanone	ND		1.0	ppbv	1	1/12/2023 06:41 PM
Acetone	**34**	E	**1.0**	**ppbv**	1	1/12/2023 06:41 PM
Benzene	**1.2**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
Benzyl chloride	ND		1.0	ppbv	1	1/12/2023 06:41 PM
Bromodichloromethane	ND		0.20	ppbv	1	1/12/2023 06:41 PM
Bromoform	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Bromomethane	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Carbon disulfide	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Carbon tetrachloride	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Chlorobenzene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Chloroethane	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Chloroform	ND		0.20	ppbv	1	1/12/2023 06:41 PM
Chloromethane	ND		0.50	ppbv	1	1/12/2023 06:41 PM
cis-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
cis-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Cumene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Cyclohexane	**0.58**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
Dibromochloromethane	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Dichlorodifluoromethane	**0.50**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 946 Mayfield-SG **Lab ID:** 23010091-02
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Ethyl acetate	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Ethylbenzene	**2.3**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
Freon 113	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Freon 114	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Heptane	**1.2**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
Hexachlorobutadiene	ND		0.20	ppbv	1	1/12/2023 06:41 PM
Hexane	**1.6**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
m,p-Xylene	**10**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
Methylene chloride	ND		2.0	ppbv	1	1/12/2023 06:41 PM
MTBE	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Naphthalene	ND		0.20	ppbv	1	1/12/2023 06:41 PM
o-Xylene	**3.5**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
Propene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Styrene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Tetrachloroethene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Tetrahydrofuran	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Toluene	**11**		**0.50**	**ppbv**	1	1/12/2023 06:41 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
trans-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Trichloroethene	ND		0.20	ppbv	1	1/12/2023 06:41 PM
Trichlorofluoromethane	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Vinyl acetate	ND		1.0	ppbv	1	1/12/2023 06:41 PM
Vinyl chloride	ND		0.50	ppbv	1	1/12/2023 06:41 PM
Surr: Bromofluorobenzene	*98.2*		*60-140*	*%REC*	1	1/12/2023 06:41 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		2.73	µg/m3	1	1/12/2023 06:41 PM
1,1,2,2-Tetrachloroethane	ND		3.43	µg/m3	1	1/12/2023 06:41 PM
1,1,2-Trichloroethane	ND		1.09	µg/m3	1	1/12/2023 06:41 PM
1,1-Dichloroethane	ND		2.02	µg/m3	1	1/12/2023 06:41 PM
1,1-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 06:41 PM
1,2,4-Trichlorobenzene	ND		3.71	µg/m3	1	1/12/2023 06:41 PM
1,2,4-Trimethylbenzene	**15.1**		**2.46**	**µg/m3**	1	1/12/2023 06:41 PM
1,2-Dibromoethane	ND		1.54	µg/m3	1	1/12/2023 06:41 PM
1,2-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 06:41 PM
1,2-Dichloroethane	ND		0.809	µg/m3	1	1/12/2023 06:41 PM
1,2-Dichloropropane	ND		2.31	µg/m3	1	1/12/2023 06:41 PM
1,3,5-Trimethylbenzene	**3.24**		**2.46**	**µg/m3**	1	1/12/2023 06:41 PM
1,3-Butadiene	ND		0.442	µg/m3	1	1/12/2023 06:41 PM
1,3-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 06:41 PM
1,4-Dichlorobenzene	ND		1.20	µg/m3	1	1/12/2023 06:41 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Sample ID: 946 Mayfield-SG
Collection Date: 12/30/2022

Work Order: 23010091
Lab ID: 23010091-02
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,4-Dioxane	ND		3.60	µg/m3	1	1/12/2023 06:41 PM
2-Butanone	ND		2.95	µg/m3	1	1/12/2023 06:41 PM
2-Hexanone	ND		4.10	µg/m3	1	1/12/2023 06:41 PM
2-Propanol	**4.52**		**2.46**	**µg/m3**	1	1/12/2023 06:41 PM
4-Ethyltoluene	**3.79**		**2.46**	**µg/m3**	1	1/12/2023 06:41 PM
4-Methyl-2-pentanone	ND		4.10	µg/m3	1	1/12/2023 06:41 PM
Acetone	**80.3**	E	**2.38**	**µg/m3**	1	1/12/2023 06:41 PM
Benzene	**3.90**		**1.60**	**µg/m3**	1	1/12/2023 06:41 PM
Benzyl chloride	ND		5.18	µg/m3	1	1/12/2023 06:41 PM
Bromodichloromethane	ND		1.34	µg/m3	1	1/12/2023 06:41 PM
Bromoform	ND		5.17	µg/m3	1	1/12/2023 06:41 PM
Bromomethane	ND		1.94	µg/m3	1	1/12/2023 06:41 PM
Carbon disulfide	ND		1.56	µg/m3	1	1/12/2023 06:41 PM
Carbon tetrachloride	ND		3.15	µg/m3	1	1/12/2023 06:41 PM
Chlorobenzene	ND		2.30	µg/m3	1	1/12/2023 06:41 PM
Chloroethane	ND		1.32	µg/m3	1	1/12/2023 06:41 PM
Chloroform	ND		0.976	µg/m3	1	1/12/2023 06:41 PM
Chloromethane	ND		1.03	µg/m3	1	1/12/2023 06:41 PM
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 06:41 PM
cis-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 06:41 PM
Cumene	ND		2.46	µg/m3	1	1/12/2023 06:41 PM
Cyclohexane	**2.00**		**1.72**	**µg/m3**	1	1/12/2023 06:41 PM
Dibromochloromethane	ND		4.26	µg/m3	1	1/12/2023 06:41 PM
Dichlorodifluoromethane	ND		2.47	µg/m3	1	1/12/2023 06:41 PM
Ethyl acetate	ND		1.80	µg/m3	1	1/12/2023 06:41 PM
Ethylbenzene	**9.99**		**2.17**	**µg/m3**	1	1/12/2023 06:41 PM
Freon 113	ND		3.83	µg/m3	1	1/12/2023 06:41 PM
Freon 114	ND		3.50	µg/m3	1	1/12/2023 06:41 PM
Heptane	**5.04**		**2.05**	**µg/m3**	1	1/12/2023 06:41 PM
Hexachlorobutadiene	ND		2.13	µg/m3	1	1/12/2023 06:41 PM
Hexane	**5.75**		**1.76**	**µg/m3**	1	1/12/2023 06:41 PM
m,p-Xylene	**45.3**		**2.17**	**µg/m3**	1	1/12/2023 06:41 PM
Methylene chloride	ND		7.00	µg/m3	1	1/12/2023 06:41 PM
MTBE	ND		1.80	µg/m3	1	1/12/2023 06:41 PM
Naphthalene	ND		1.05	µg/m3	1	1/12/2023 06:41 PM
o-Xylene	**15.2**		**2.17**	**µg/m3**	1	1/12/2023 06:41 PM
Propene	ND		0.861	µg/m3	1	1/12/2023 06:41 PM
Styrene	ND		2.13	µg/m3	1	1/12/2023 06:41 PM
Tetrachloroethene	ND		3.39	µg/m3	1	1/12/2023 06:41 PM
Tetrahydrofuran	ND		1.47	µg/m3	1	1/12/2023 06:41 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 946 Mayfield-SG **Lab ID:** 23010091-02
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	**42.7**		**1.88**	**µg/m3**	1	1/12/2023 06:41 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 06:41 PM
trans-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 06:41 PM
Trichloroethene	ND		1.07	µg/m3	1	1/12/2023 06:41 PM
Trichlorofluoromethane	ND		2.81	µg/m3	1	1/12/2023 06:41 PM
Vinyl acetate	ND		3.52	µg/m3	1	1/12/2023 06:41 PM
Vinyl chloride	ND		1.28	µg/m3	1	1/12/2023 06:41 PM
Surr: Bromofluorobenzene	*98.2*		*60-140*	*%REC*	1	1/12/2023 06:41 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 947-949 Ferndale-SG **Lab ID:** 23010091-03
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		0.50	ppbv	1	1/12/2023 07:27 PM
1,1,2,2-Tetrachloroethane	ND		0.50	ppbv	1	1/12/2023 07:27 PM
1,1,2-Trichloroethane	ND		0.20	ppbv	1	1/12/2023 07:27 PM
1,1-Dichloroethane	ND		0.50	ppbv	1	1/12/2023 07:27 PM
1,1-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
1,2,4-Trichlorobenzene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
1,2,4-Trimethylbenzene	**2.3**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
1,2-Dibromoethane	ND		0.20	ppbv	1	1/12/2023 07:27 PM
1,2-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
1,2-Dichloroethane	ND		0.20	ppbv	1	1/12/2023 07:27 PM
1,2-Dichloropropane	ND		0.50	ppbv	1	1/12/2023 07:27 PM
1,3,5-Trimethylbenzene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
1,3-Butadiene	ND		0.20	ppbv	1	1/12/2023 07:27 PM
1,3-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
1,4-Dichlorobenzene	ND		0.20	ppbv	1	1/12/2023 07:27 PM
1,4-Dioxane	ND		1.0	ppbv	1	1/12/2023 07:27 PM
2-Butanone	ND		1.0	ppbv	1	1/12/2023 07:27 PM
2-Hexanone	ND		1.0	ppbv	1	1/12/2023 07:27 PM
2-Propanol	**2.3**		**1.0**	**ppbv**	1	1/12/2023 07:27 PM
4-Ethyltoluene	**0.77**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
4-Methyl-2-pentanone	ND		1.0	ppbv	1	1/12/2023 07:27 PM
Acetone	**52**	E	**1.0**	**ppbv**	1	1/12/2023 07:27 PM
Benzene	**1.3**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
Benzyl chloride	ND		1.0	ppbv	1	1/12/2023 07:27 PM
Bromodichloromethane	ND		0.20	ppbv	1	1/12/2023 07:27 PM
Bromoform	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Bromomethane	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Carbon disulfide	**2.6**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
Carbon tetrachloride	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Chlorobenzene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Chloroethane	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Chloroform	ND		0.20	ppbv	1	1/12/2023 07:27 PM
Chloromethane	ND		0.50	ppbv	1	1/12/2023 07:27 PM
cis-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
cis-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Cumene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Cyclohexane	**0.57**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
Dibromochloromethane	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Dichlorodifluoromethane	**0.51**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 947-949 Ferndale-SG **Lab ID:** 23010091-03
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Ethyl acetate	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Ethylbenzene	**2.7**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
Freon 113	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Freon 114	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Heptane	**1.3**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
Hexachlorobutadiene	ND		0.20	ppbv	1	1/12/2023 07:27 PM
Hexane	**1.6**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
m,p-Xylene	**10**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
Methylene chloride	ND		2.0	ppbv	1	1/12/2023 07:27 PM
MTBE	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Naphthalene	ND		0.20	ppbv	1	1/12/2023 07:27 PM
o-Xylene	**3.6**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
Propene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Styrene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Tetrachloroethene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Tetrahydrofuran	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Toluene	**12**		**0.50**	**ppbv**	1	1/12/2023 07:27 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
trans-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Trichloroethene	ND		0.20	ppbv	1	1/12/2023 07:27 PM
Trichlorofluoromethane	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Vinyl acetate	ND		1.0	ppbv	1	1/12/2023 07:27 PM
Vinyl chloride	ND		0.50	ppbv	1	1/12/2023 07:27 PM
Surr: Bromofluorobenzene	*93.3*		*60-140*	*%REC*	1	1/12/2023 07:27 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		2.73	µg/m3	1	1/12/2023 07:27 PM
1,1,2,2-Tetrachloroethane	ND		3.43	µg/m3	1	1/12/2023 07:27 PM
1,1,2-Trichloroethane	ND		1.09	µg/m3	1	1/12/2023 07:27 PM
1,1-Dichloroethane	ND		2.02	µg/m3	1	1/12/2023 07:27 PM
1,1-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 07:27 PM
1,2,4-Trichlorobenzene	ND		3.71	µg/m3	1	1/12/2023 07:27 PM
1,2,4-Trimethylbenzene	**11.4**		**2.46**	**µg/m3**	1	1/12/2023 07:27 PM
1,2-Dibromoethane	ND		1.54	µg/m3	1	1/12/2023 07:27 PM
1,2-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 07:27 PM
1,2-Dichloroethane	ND		0.809	µg/m3	1	1/12/2023 07:27 PM
1,2-Dichloropropane	ND		2.31	µg/m3	1	1/12/2023 07:27 PM
1,3,5-Trimethylbenzene	ND		2.46	µg/m3	1	1/12/2023 07:27 PM
1,3-Butadiene	ND		0.442	µg/m3	1	1/12/2023 07:27 PM
1,3-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 07:27 PM
1,4-Dichlorobenzene	ND		1.20	µg/m3	1	1/12/2023 07:27 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Sample ID: 947-949 Ferndale-SG
Collection Date: 12/30/2022

Work Order: 23010091
Lab ID: 23010091-03
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,4-Dioxane	ND		3.60	µg/m3	1	1/12/2023 07:27 PM
2-Butanone	ND		2.95	µg/m3	1	1/12/2023 07:27 PM
2-Hexanone	ND		4.10	µg/m3	1	1/12/2023 07:27 PM
2-Propanol	**5.60**		**2.46**	**µg/m3**	1	1/12/2023 07:27 PM
4-Ethyltoluene	**3.79**		**2.46**	**µg/m3**	1	1/12/2023 07:27 PM
4-Methyl-2-pentanone	ND		4.10	µg/m3	1	1/12/2023 07:27 PM
Acetone	**122**	E	**2.38**	**µg/m3**	1	1/12/2023 07:27 PM
Benzene	**4.06**		**1.60**	**µg/m3**	1	1/12/2023 07:27 PM
Benzyl chloride	ND		5.18	µg/m3	1	1/12/2023 07:27 PM
Bromodichloromethane	ND		1.34	µg/m3	1	1/12/2023 07:27 PM
Bromoform	ND		5.17	µg/m3	1	1/12/2023 07:27 PM
Bromomethane	ND		1.94	µg/m3	1	1/12/2023 07:27 PM
Carbon disulfide	**8.10**		**1.56**	**µg/m3**	1	1/12/2023 07:27 PM
Carbon tetrachloride	ND		3.15	µg/m3	1	1/12/2023 07:27 PM
Chlorobenzene	ND		2.30	µg/m3	1	1/12/2023 07:27 PM
Chloroethane	ND		1.32	µg/m3	1	1/12/2023 07:27 PM
Chloroform	ND		0.976	µg/m3	1	1/12/2023 07:27 PM
Chloromethane	ND		1.03	µg/m3	1	1/12/2023 07:27 PM
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 07:27 PM
cis-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 07:27 PM
Cumene	ND		2.46	µg/m3	1	1/12/2023 07:27 PM
Cyclohexane	**1.96**		**1.72**	**µg/m3**	1	1/12/2023 07:27 PM
Dibromochloromethane	ND		4.26	µg/m3	1	1/12/2023 07:27 PM
Dichlorodifluoromethane	**2.52**		**2.47**	**µg/m3**	1	1/12/2023 07:27 PM
Ethyl acetate	ND		1.80	µg/m3	1	1/12/2023 07:27 PM
Ethylbenzene	**11.7**		**2.17**	**µg/m3**	1	1/12/2023 07:27 PM
Freon 113	ND		3.83	µg/m3	1	1/12/2023 07:27 PM
Freon 114	ND		3.50	µg/m3	1	1/12/2023 07:27 PM
Heptane	**5.16**		**2.05**	**µg/m3**	1	1/12/2023 07:27 PM
Hexachlorobutadiene	ND		2.13	µg/m3	1	1/12/2023 07:27 PM
Hexane	**5.71**		**1.76**	**µg/m3**	1	1/12/2023 07:27 PM
m,p-Xylene	**43.3**		**2.17**	**µg/m3**	1	1/12/2023 07:27 PM
Methylene chloride	ND		7.00	µg/m3	1	1/12/2023 07:27 PM
MTBE	ND		1.80	µg/m3	1	1/12/2023 07:27 PM
Naphthalene	ND		1.05	µg/m3	1	1/12/2023 07:27 PM
o-Xylene	**15.6**		**2.17**	**µg/m3**	1	1/12/2023 07:27 PM
Propene	ND		0.861	µg/m3	1	1/12/2023 07:27 PM
Styrene	ND		2.13	µg/m3	1	1/12/2023 07:27 PM
Tetrachloroethene	ND		3.39	µg/m3	1	1/12/2023 07:27 PM
Tetrahydrofuran	ND		1.47	µg/m3	1	1/12/2023 07:27 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 947-949 Ferndale-SG **Lab ID:** 23010091-03
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	**46.8**		**1.88**	**µg/m3**	1	1/12/2023 07:27 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 07:27 PM
trans-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 07:27 PM
Trichloroethene	ND		1.07	µg/m3	1	1/12/2023 07:27 PM
Trichlorofluoromethane	ND		2.81	µg/m3	1	1/12/2023 07:27 PM
Vinyl acetate	ND		3.52	µg/m3	1	1/12/2023 07:27 PM
Vinyl chloride	ND		1.28	µg/m3	1	1/12/2023 07:27 PM
Surr: Bromofluorobenzene	*93.3*		*60-140*	*%REC*	1	1/12/2023 07:27 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 953-955 Ferndale-SG **Lab ID:** 23010091-04
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		0.50	ppbv	1	1/12/2023 08:16 PM
1,1,2,2-Tetrachloroethane	ND		0.50	ppbv	1	1/12/2023 08:16 PM
1,1,2-Trichloroethane	**0.25**		**0.20**	**ppbv**	1	1/12/2023 08:16 PM
1,1-Dichloroethane	ND		0.50	ppbv	1	1/12/2023 08:16 PM
1,1-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
1,2,4-Trichlorobenzene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
1,2,4-Trimethylbenzene	**3.4**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
1,2-Dibromoethane	ND		0.20	ppbv	1	1/12/2023 08:16 PM
1,2-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
1,2-Dichloroethane	ND		0.20	ppbv	1	1/12/2023 08:16 PM
1,2-Dichloropropane	ND		0.50	ppbv	1	1/12/2023 08:16 PM
1,3,5-Trimethylbenzene	**0.74**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
1,3-Butadiene	ND		0.20	ppbv	1	1/12/2023 08:16 PM
1,3-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
1,4-Dichlorobenzene	ND		0.20	ppbv	1	1/12/2023 08:16 PM
1,4-Dioxane	ND		1.0	ppbv	1	1/12/2023 08:16 PM
2-Butanone	ND		1.0	ppbv	1	1/12/2023 08:16 PM
2-Hexanone	ND		1.0	ppbv	1	1/12/2023 08:16 PM
2-Propanol	**1.1**		**1.0**	**ppbv**	1	1/12/2023 08:16 PM
4-Ethyltoluene	**0.95**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
4-Methyl-2-pentanone	ND		1.0	ppbv	1	1/12/2023 08:16 PM
Acetone	**25**	E	**1.0**	**ppbv**	1	1/12/2023 08:16 PM
Benzene	**1.2**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
Benzyl chloride	ND		1.0	ppbv	1	1/12/2023 08:16 PM
Bromodichloromethane	ND		0.20	ppbv	1	1/12/2023 08:16 PM
Bromoform	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Bromomethane	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Carbon disulfide	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Carbon tetrachloride	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Chlorobenzene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Chloroethane	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Chloroform	ND		0.20	ppbv	1	1/12/2023 08:16 PM
Chloromethane	ND		0.50	ppbv	1	1/12/2023 08:16 PM
cis-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
cis-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Cumene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Cyclohexane	**0.59**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
Dibromochloromethane	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Dichlorodifluoromethane	**0.50**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 953-955 Ferndale-SG **Lab ID:** 23010091-04
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Ethyl acetate	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Ethylbenzene	**2.5**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
Freon 113	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Freon 114	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Heptane	**1.3**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
Hexachlorobutadiene	ND		0.20	ppbv	1	1/12/2023 08:16 PM
Hexane	**1.7**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
m,p-Xylene	**11**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
Methylene chloride	ND		2.0	ppbv	1	1/12/2023 08:16 PM
MTBE	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Naphthalene	ND		0.20	ppbv	1	1/12/2023 08:16 PM
o-Xylene	**3.8**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
Propene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Styrene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Tetrachloroethene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Tetrahydrofuran	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Toluene	**11**		**0.50**	**ppbv**	1	1/12/2023 08:16 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
trans-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Trichloroethene	ND		0.20	ppbv	1	1/12/2023 08:16 PM
Trichlorofluoromethane	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Vinyl acetate	ND		1.0	ppbv	1	1/12/2023 08:16 PM
Vinyl chloride	ND		0.50	ppbv	1	1/12/2023 08:16 PM
Surr: Bromofluorobenzene	*97.3*		*60-140*	*%REC*	1	1/12/2023 08:16 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		2.73	µg/m3	1	1/12/2023 08:16 PM
1,1,2,2-Tetrachloroethane	ND		3.43	µg/m3	1	1/12/2023 08:16 PM
1,1,2-Trichloroethane	**1.36**		**1.09**	**µg/m3**	1	1/12/2023 08:16 PM
1,1-Dichloroethane	ND		2.02	µg/m3	1	1/12/2023 08:16 PM
1,1-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 08:16 PM
1,2,4-Trichlorobenzene	ND		3.71	µg/m3	1	1/12/2023 08:16 PM
1,2,4-Trimethylbenzene	**16.8**		**2.46**	**µg/m3**	1	1/12/2023 08:16 PM
1,2-Dibromoethane	ND		1.54	µg/m3	1	1/12/2023 08:16 PM
1,2-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 08:16 PM
1,2-Dichloroethane	ND		0.809	µg/m3	1	1/12/2023 08:16 PM
1,2-Dichloropropane	ND		2.31	µg/m3	1	1/12/2023 08:16 PM
1,3,5-Trimethylbenzene	**3.64**		**2.46**	**µg/m3**	1	1/12/2023 08:16 PM
1,3-Butadiene	ND		0.442	µg/m3	1	1/12/2023 08:16 PM
1,3-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 08:16 PM
1,4-Dichlorobenzene	ND		1.20	µg/m3	1	1/12/2023 08:16 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Sample ID: 953-955 Ferndale-SG
Collection Date: 12/30/2022

Work Order: 23010091
Lab ID: 23010091-04
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,4-Dioxane	ND		3.60	µg/m3	1	1/12/2023 08:16 PM
2-Butanone	ND		2.95	µg/m3	1	1/12/2023 08:16 PM
2-Hexanone	ND		4.10	µg/m3	1	1/12/2023 08:16 PM
2-Propanol	**2.78**		**2.46**	**µg/m3**	1	1/12/2023 08:16 PM
4-Ethyltoluene	**4.67**		**2.46**	**µg/m3**	1	1/12/2023 08:16 PM
4-Methyl-2-pentanone	ND		4.10	µg/m3	1	1/12/2023 08:16 PM
Acetone	**59.7**	E	**2.38**	**µg/m3**	1	1/12/2023 08:16 PM
Benzene	**3.83**		**1.60**	**µg/m3**	1	1/12/2023 08:16 PM
Benzyl chloride	ND		5.18	µg/m3	1	1/12/2023 08:16 PM
Bromodichloromethane	ND		1.34	µg/m3	1	1/12/2023 08:16 PM
Bromoform	ND		5.17	µg/m3	1	1/12/2023 08:16 PM
Bromomethane	ND		1.94	µg/m3	1	1/12/2023 08:16 PM
Carbon disulfide	ND		1.56	µg/m3	1	1/12/2023 08:16 PM
Carbon tetrachloride	ND		3.15	µg/m3	1	1/12/2023 08:16 PM
Chlorobenzene	ND		2.30	µg/m3	1	1/12/2023 08:16 PM
Chloroethane	ND		1.32	µg/m3	1	1/12/2023 08:16 PM
Chloroform	ND		0.976	µg/m3	1	1/12/2023 08:16 PM
Chloromethane	ND		1.03	µg/m3	1	1/12/2023 08:16 PM
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 08:16 PM
cis-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 08:16 PM
Cumene	ND		2.46	µg/m3	1	1/12/2023 08:16 PM
Cyclohexane	**2.03**		**1.72**	**µg/m3**	1	1/12/2023 08:16 PM
Dibromochloromethane	ND		4.26	µg/m3	1	1/12/2023 08:16 PM
Dichlorodifluoromethane	ND		2.47	µg/m3	1	1/12/2023 08:16 PM
Ethyl acetate	ND		1.80	µg/m3	1	1/12/2023 08:16 PM
Ethylbenzene	**10.7**		**2.17**	**µg/m3**	1	1/12/2023 08:16 PM
Freon 113	ND		3.83	µg/m3	1	1/12/2023 08:16 PM
Freon 114	ND		3.50	µg/m3	1	1/12/2023 08:16 PM
Heptane	**5.20**		**2.05**	**µg/m3**	1	1/12/2023 08:16 PM
Hexachlorobutadiene	ND		2.13	µg/m3	1	1/12/2023 08:16 PM
Hexane	**5.89**		**1.76**	**µg/m3**	1	1/12/2023 08:16 PM
m,p-Xylene	**47.6**		**2.17**	**µg/m3**	1	1/12/2023 08:16 PM
Methylene chloride	ND		7.00	µg/m3	1	1/12/2023 08:16 PM
MTBE	ND		1.80	µg/m3	1	1/12/2023 08:16 PM
Naphthalene	ND		1.05	µg/m3	1	1/12/2023 08:16 PM
o-Xylene	**16.3**		**2.17**	**µg/m3**	1	1/12/2023 08:16 PM
Propene	ND		0.861	µg/m3	1	1/12/2023 08:16 PM
Styrene	ND		2.13	µg/m3	1	1/12/2023 08:16 PM
Tetrachloroethene	ND		3.39	µg/m3	1	1/12/2023 08:16 PM
Tetrahydrofuran	ND		1.47	µg/m3	1	1/12/2023 08:16 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010091
Sample ID: 953-955 Ferndale-SG
Lab ID: 23010091-04
Collection Date: 12/30/2022
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	**42.1**		**1.88**	**µg/m3**	1	1/12/2023 08:16 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 08:16 PM
trans-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 08:16 PM
Trichloroethene	ND		1.07	µg/m3	1	1/12/2023 08:16 PM
Trichlorofluoromethane	ND		2.81	µg/m3	1	1/12/2023 08:16 PM
Vinyl acetate	ND		3.52	µg/m3	1	1/12/2023 08:16 PM
Vinyl chloride	ND		1.28	µg/m3	1	1/12/2023 08:16 PM
Surr: Bromofluorobenzene	*97.3*		*60-140*	*%REC*	1	1/12/2023 08:16 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 950-956 Ferndale-SG **Lab ID:** 23010091-05
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		0.50	ppbv	1	1/12/2023 09:05 PM
1,1,2,2-Tetrachloroethane	ND		0.50	ppbv	1	1/12/2023 09:05 PM
1,1,2-Trichloroethane	ND		0.20	ppbv	1	1/12/2023 09:05 PM
1,1-Dichloroethane	ND		0.50	ppbv	1	1/12/2023 09:05 PM
1,1-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
1,2,4-Trichlorobenzene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
1,2,4-Trimethylbenzene	**1.7**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
1,2-Dibromoethane	ND		0.20	ppbv	1	1/12/2023 09:05 PM
1,2-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
1,2-Dichloroethane	ND		0.20	ppbv	1	1/12/2023 09:05 PM
1,2-Dichloropropane	ND		0.50	ppbv	1	1/12/2023 09:05 PM
1,3,5-Trimethylbenzene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
1,3-Butadiene	ND		0.20	ppbv	1	1/12/2023 09:05 PM
1,3-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
1,4-Dichlorobenzene	ND		0.20	ppbv	1	1/12/2023 09:05 PM
1,4-Dioxane	ND		1.0	ppbv	1	1/12/2023 09:05 PM
2-Butanone	**1.1**		**1.0**	**ppbv**	1	1/12/2023 09:05 PM
2-Hexanone	ND		1.0	ppbv	1	1/12/2023 09:05 PM
2-Propanol	**1.6**		**1.0**	**ppbv**	1	1/12/2023 09:05 PM
4-Ethyltoluene	**0.66**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
4-Methyl-2-pentanone	ND		1.0	ppbv	1	1/12/2023 09:05 PM
Acetone	**82**	E	**1.0**	**ppbv**	1	1/12/2023 09:05 PM
Benzene	**1.2**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
Benzyl chloride	ND		1.0	ppbv	1	1/12/2023 09:05 PM
Bromodichloromethane	ND		0.20	ppbv	1	1/12/2023 09:05 PM
Bromoform	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Bromomethane	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Carbon disulfide	**2.9**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
Carbon tetrachloride	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Chlorobenzene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Chloroethane	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Chloroform	ND		0.20	ppbv	1	1/12/2023 09:05 PM
Chloromethane	**0.98**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
cis-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
cis-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Cumene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Cyclohexane	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Dibromochloromethane	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Dichlorodifluoromethane	**0.51**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 950-956 Ferndale-SG **Lab ID:** 23010091-05
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Ethyl acetate	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Ethylbenzene	**2.0**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
Freon 113	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Freon 114	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Heptane	**1.0**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
Hexachlorobutadiene	ND		0.20	ppbv	1	1/12/2023 09:05 PM
Hexane	**1.7**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
m,p-Xylene	**8.2**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
Methylene chloride	ND		2.0	ppbv	1	1/12/2023 09:05 PM
MTBE	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Naphthalene	ND		0.20	ppbv	1	1/12/2023 09:05 PM
o-Xylene	**2.7**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
Propene	**2.7**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
Styrene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Tetrachloroethene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Tetrahydrofuran	**6.5**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
Toluene	**15**		**0.50**	**ppbv**	1	1/12/2023 09:05 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
trans-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Trichloroethene	ND		0.20	ppbv	1	1/12/2023 09:05 PM
Trichlorofluoromethane	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Vinyl acetate	ND		1.0	ppbv	1	1/12/2023 09:05 PM
Vinyl chloride	ND		0.50	ppbv	1	1/12/2023 09:05 PM
Surr: Bromofluorobenzene	*97.1*		*60-140*	*%REC*	1	1/12/2023 09:05 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		2.73	µg/m3	1	1/12/2023 09:05 PM
1,1,2,2-Tetrachloroethane	ND		3.43	µg/m3	1	1/12/2023 09:05 PM
1,1,2-Trichloroethane	ND		1.09	µg/m3	1	1/12/2023 09:05 PM
1,1-Dichloroethane	ND		2.02	µg/m3	1	1/12/2023 09:05 PM
1,1-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 09:05 PM
1,2,4-Trichlorobenzene	ND		3.71	µg/m3	1	1/12/2023 09:05 PM
1,2,4-Trimethylbenzene	**8.55**		**2.46**	**µg/m3**	1	1/12/2023 09:05 PM
1,2-Dibromoethane	ND		1.54	µg/m3	1	1/12/2023 09:05 PM
1,2-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 09:05 PM
1,2-Dichloroethane	ND		0.809	µg/m3	1	1/12/2023 09:05 PM
1,2-Dichloropropane	ND		2.31	µg/m3	1	1/12/2023 09:05 PM
1,3,5-Trimethylbenzene	ND		2.46	µg/m3	1	1/12/2023 09:05 PM
1,3-Butadiene	ND		0.442	µg/m3	1	1/12/2023 09:05 PM
1,3-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 09:05 PM
1,4-Dichlorobenzene	ND		1.20	µg/m3	1	1/12/2023 09:05 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Sample ID: 950-956 Ferndale-SG
Collection Date: 12/30/2022

Work Order: 23010091
Lab ID: 23010091-05
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,4-Dioxane	ND		3.60	µg/m3	1	1/12/2023 09:05 PM
2-Butanone	**3.21**		**2.95**	**µg/m3**	1	1/12/2023 09:05 PM
2-Hexanone	ND		4.10	µg/m3	1	1/12/2023 09:05 PM
2-Propanol	**4.03**		**2.46**	**µg/m3**	1	1/12/2023 09:05 PM
4-Ethyltoluene	**3.24**		**2.46**	**µg/m3**	1	1/12/2023 09:05 PM
4-Methyl-2-pentanone	ND		4.10	µg/m3	1	1/12/2023 09:05 PM
Acetone	**196**	E	**2.38**	**µg/m3**	1	1/12/2023 09:05 PM
Benzene	**3.96**		**1.60**	**µg/m3**	1	1/12/2023 09:05 PM
Benzyl chloride	ND		5.18	µg/m3	1	1/12/2023 09:05 PM
Bromodichloromethane	ND		1.34	µg/m3	1	1/12/2023 09:05 PM
Bromoform	ND		5.17	µg/m3	1	1/12/2023 09:05 PM
Bromomethane	ND		1.94	µg/m3	1	1/12/2023 09:05 PM
Carbon disulfide	**9.09**		**1.56**	**µg/m3**	1	1/12/2023 09:05 PM
Carbon tetrachloride	ND		3.15	µg/m3	1	1/12/2023 09:05 PM
Chlorobenzene	ND		2.30	µg/m3	1	1/12/2023 09:05 PM
Chloroethane	ND		1.32	µg/m3	1	1/12/2023 09:05 PM
Chloroform	ND		0.976	µg/m3	1	1/12/2023 09:05 PM
Chloromethane	**2.02**		**1.03**	**µg/m3**	1	1/12/2023 09:05 PM
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 09:05 PM
cis-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 09:05 PM
Cumene	ND		2.46	µg/m3	1	1/12/2023 09:05 PM
Cyclohexane	ND		1.72	µg/m3	1	1/12/2023 09:05 PM
Dibromochloromethane	ND		4.26	µg/m3	1	1/12/2023 09:05 PM
Dichlorodifluoromethane	**2.52**		**2.47**	**µg/m3**	1	1/12/2023 09:05 PM
Ethyl acetate	ND		1.80	µg/m3	1	1/12/2023 09:05 PM
Ethylbenzene	**8.90**		**2.17**	**µg/m3**	1	1/12/2023 09:05 PM
Freon 113	ND		3.83	µg/m3	1	1/12/2023 09:05 PM
Freon 114	ND		3.50	µg/m3	1	1/12/2023 09:05 PM
Heptane	**4.26**		**2.05**	**µg/m3**	1	1/12/2023 09:05 PM
Hexachlorobutadiene	ND		2.13	µg/m3	1	1/12/2023 09:05 PM
Hexane	**6.10**		**1.76**	**µg/m3**	1	1/12/2023 09:05 PM
m,p-Xylene	**35.6**		**2.17**	**µg/m3**	1	1/12/2023 09:05 PM
Methylene chloride	ND		7.00	µg/m3	1	1/12/2023 09:05 PM
MTBE	ND		1.80	µg/m3	1	1/12/2023 09:05 PM
Naphthalene	ND		1.05	µg/m3	1	1/12/2023 09:05 PM
o-Xylene	**11.6**		**2.17**	**µg/m3**	1	1/12/2023 09:05 PM
Propene	**4.61**		**0.861**	**µg/m3**	1	1/12/2023 09:05 PM
Styrene	ND		2.13	µg/m3	1	1/12/2023 09:05 PM
Tetrachloroethene	ND		3.39	µg/m3	1	1/12/2023 09:05 PM
Tetrahydrofuran	**19.1**		**1.47**	**µg/m3**	1	1/12/2023 09:05 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010091
Sample ID: 950-956 Ferndale-SG
Lab ID: 23010091-05
Collection Date: 12/30/2022
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	**56.5**		**1.88**	**µg/m3**	1	1/12/2023 09:05 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 09:05 PM
trans-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 09:05 PM
Trichloroethene	ND		1.07	µg/m3	1	1/12/2023 09:05 PM
Trichlorofluoromethane	ND		2.81	µg/m3	1	1/12/2023 09:05 PM
Vinyl acetate	ND		3.52	µg/m3	1	1/12/2023 09:05 PM
Vinyl chloride	ND		1.28	µg/m3	1	1/12/2023 09:05 PM
Surr: Bromofluorobenzene	*97.1*		*60-140*	*%REC*	1	1/12/2023 09:05 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 948 Ferndale-SG **Lab ID:** 23010091-06
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		0.50	ppbv	1	1/12/2023 09:54 PM
1,1,2,2-Tetrachloroethane	ND		0.50	ppbv	1	1/12/2023 09:54 PM
1,1,2-Trichloroethane	ND		0.20	ppbv	1	1/12/2023 09:54 PM
1,1-Dichloroethane	ND		0.50	ppbv	1	1/12/2023 09:54 PM
1,1-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
1,2,4-Trichlorobenzene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
1,2,4-Trimethylbenzene	**2.2**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
1,2-Dibromoethane	ND		0.20	ppbv	1	1/12/2023 09:54 PM
1,2-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
1,2-Dichloroethane	ND		0.20	ppbv	1	1/12/2023 09:54 PM
1,2-Dichloropropane	ND		0.50	ppbv	1	1/12/2023 09:54 PM
1,3,5-Trimethylbenzene	**0.52**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
1,3-Butadiene	**0.37**		**0.20**	**ppbv**	1	1/12/2023 09:54 PM
1,3-Dichlorobenzene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
1,4-Dichlorobenzene	ND		0.20	ppbv	1	1/12/2023 09:54 PM
1,4-Dioxane	ND		1.0	ppbv	1	1/12/2023 09:54 PM
2-Butanone	**4.7**		**1.0**	**ppbv**	1	1/12/2023 09:54 PM
2-Hexanone	ND		1.0	ppbv	1	1/12/2023 09:54 PM
2-Propanol	**2.0**		**1.0**	**ppbv**	1	1/12/2023 09:54 PM
4-Ethyltoluene	**0.72**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
4-Methyl-2-pentanone	ND		1.0	ppbv	1	1/12/2023 09:54 PM
Acetone	**120**		**10**	**ppbv**	10	1/17/2023 07:44 PM
Benzene	**0.90**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
Benzyl chloride	ND		1.0	ppbv	1	1/12/2023 09:54 PM
Bromodichloromethane	ND		0.20	ppbv	1	1/12/2023 09:54 PM
Bromoform	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Bromomethane	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Carbon disulfide	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Carbon tetrachloride	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Chlorobenzene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Chloroethane	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Chloroform	ND		0.20	ppbv	1	1/12/2023 09:54 PM
Chloromethane	**0.53**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
cis-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
cis-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Cumene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Cyclohexane	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Dibromochloromethane	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Dichlorodifluoromethane	**0.51**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010091
Sample ID: 948 Ferndale-SG
Lab ID: 23010091-06
Collection Date: 12/30/2022
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Ethyl acetate	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Ethylbenzene	**2.1**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
Freon 113	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Freon 114	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Heptane	**1.2**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
Hexachlorobutadiene	ND		0.20	ppbv	1	1/12/2023 09:54 PM
Hexane	**1.4**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
m,p-Xylene	**8.9**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
Methylene chloride	ND		2.0	ppbv	1	1/12/2023 09:54 PM
MTBE	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Naphthalene	ND		0.20	ppbv	1	1/12/2023 09:54 PM
o-Xylene	**2.6**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
Propene	**3.7**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
Styrene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Tetrachloroethene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Tetrahydrofuran	**20**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
Toluene	**19**		**0.50**	**ppbv**	1	1/12/2023 09:54 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
trans-1,3-Dichloropropene	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Trichloroethene	ND		0.20	ppbv	1	1/12/2023 09:54 PM
Trichlorofluoromethane	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Vinyl acetate	ND		1.0	ppbv	1	1/12/2023 09:54 PM
Vinyl chloride	ND		0.50	ppbv	1	1/12/2023 09:54 PM
Surr: Bromofluorobenzene	*98.5*		*60-140*	*%REC*	1	1/12/2023 09:54 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		2.73	µg/m3	1	1/12/2023 09:54 PM
1,1,2,2-Tetrachloroethane	ND		3.43	µg/m3	1	1/12/2023 09:54 PM
1,1,2-Trichloroethane	ND		1.09	µg/m3	1	1/12/2023 09:54 PM
1,1-Dichloroethane	ND		2.02	µg/m3	1	1/12/2023 09:54 PM
1,1-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 09:54 PM
1,2,4-Trichlorobenzene	ND		3.71	µg/m3	1	1/12/2023 09:54 PM
1,2,4-Trimethylbenzene	**10.7**		**2.46**	**µg/m3**	1	1/12/2023 09:54 PM
1,2-Dibromoethane	ND		1.54	µg/m3	1	1/12/2023 09:54 PM
1,2-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 09:54 PM
1,2-Dichloroethane	ND		0.809	µg/m3	1	1/12/2023 09:54 PM
1,2-Dichloropropane	ND		2.31	µg/m3	1	1/12/2023 09:54 PM
1,3,5-Trimethylbenzene	**2.56**		**2.46**	**µg/m3**	1	1/12/2023 09:54 PM
1,3-Butadiene	**0.819**		**0.442**	**µg/m3**	1	1/12/2023 09:54 PM
1,3-Dichlorobenzene	ND		3.01	µg/m3	1	1/12/2023 09:54 PM
1,4-Dichlorobenzene	ND		1.20	µg/m3	1	1/12/2023 09:54 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010091
Sample ID: 948 Ferndale-SG
Lab ID: 23010091-06
Collection Date: 12/30/2022
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,4-Dioxane	ND		3.60	µg/m3	1	1/12/2023 09:54 PM
2-Butanone	**13.7**		**2.95**	**µg/m3**	1	1/12/2023 09:54 PM
2-Hexanone	ND		4.10	µg/m3	1	1/12/2023 09:54 PM
2-Propanol	**4.94**		**2.46**	**µg/m3**	1	1/12/2023 09:54 PM
4-Ethyltoluene	**3.54**		**2.46**	**µg/m3**	1	1/12/2023 09:54 PM
4-Methyl-2-pentanone	ND		4.10	µg/m3	1	1/12/2023 09:54 PM
Acetone	**284**		**23.8**	**µg/m3**	10	1/17/2023 07:44 PM
Benzene	**2.88**		**1.60**	**µg/m3**	1	1/12/2023 09:54 PM
Benzyl chloride	ND		5.18	µg/m3	1	1/12/2023 09:54 PM
Bromodichloromethane	ND		1.34	µg/m3	1	1/12/2023 09:54 PM
Bromoform	ND		5.17	µg/m3	1	1/12/2023 09:54 PM
Bromomethane	ND		1.94	µg/m3	1	1/12/2023 09:54 PM
Carbon disulfide	ND		1.56	µg/m3	1	1/12/2023 09:54 PM
Carbon tetrachloride	ND		3.15	µg/m3	1	1/12/2023 09:54 PM
Chlorobenzene	ND		2.30	µg/m3	1	1/12/2023 09:54 PM
Chloroethane	ND		1.32	µg/m3	1	1/12/2023 09:54 PM
Chloroform	ND		0.976	µg/m3	1	1/12/2023 09:54 PM
Chloromethane	**1.09**		**1.03**	**µg/m3**	1	1/12/2023 09:54 PM
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 09:54 PM
cis-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 09:54 PM
Cumene	ND		2.46	µg/m3	1	1/12/2023 09:54 PM
Cyclohexane	ND		1.72	µg/m3	1	1/12/2023 09:54 PM
Dibromochloromethane	ND		4.26	µg/m3	1	1/12/2023 09:54 PM
Dichlorodifluoromethane	**2.52**		**2.47**	**µg/m3**	1	1/12/2023 09:54 PM
Ethyl acetate	ND		1.80	µg/m3	1	1/12/2023 09:54 PM
Ethylbenzene	**9.03**		**2.17**	**µg/m3**	1	1/12/2023 09:54 PM
Freon 113	ND		3.83	µg/m3	1	1/12/2023 09:54 PM
Freon 114	ND		3.50	µg/m3	1	1/12/2023 09:54 PM
Heptane	**5.08**		**2.05**	**µg/m3**	1	1/12/2023 09:54 PM
Hexachlorobutadiene	ND		2.13	µg/m3	1	1/12/2023 09:54 PM
Hexane	**4.86**		**1.76**	**µg/m3**	1	1/12/2023 09:54 PM
m,p-Xylene	**38.7**		**2.17**	**µg/m3**	1	1/12/2023 09:54 PM
Methylene chloride	ND		7.00	µg/m3	1	1/12/2023 09:54 PM
MTBE	ND		1.80	µg/m3	1	1/12/2023 09:54 PM
Naphthalene	ND		1.05	µg/m3	1	1/12/2023 09:54 PM
o-Xylene	**11.2**		**2.17**	**µg/m3**	1	1/12/2023 09:54 PM
Propene	**6.30**		**0.861**	**µg/m3**	1	1/12/2023 09:54 PM
Styrene	ND		2.13	µg/m3	1	1/12/2023 09:54 PM
Tetrachloroethene	ND		3.39	µg/m3	1	1/12/2023 09:54 PM
Tetrahydrofuran	**58.3**		**1.47**	**µg/m3**	1	1/12/2023 09:54 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010091
Sample ID: 948 Ferndale-SG
Lab ID: 23010091-06
Collection Date: 12/30/2022
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	**70.7**		**1.88**	**µg/m3**	1	1/12/2023 09:54 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/12/2023 09:54 PM
trans-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/12/2023 09:54 PM
Trichloroethene	ND		1.07	µg/m3	1	1/12/2023 09:54 PM
Trichlorofluoromethane	ND		2.81	µg/m3	1	1/12/2023 09:54 PM
Vinyl acetate	ND		3.52	µg/m3	1	1/12/2023 09:54 PM
Vinyl chloride	ND		1.28	µg/m3	1	1/12/2023 09:54 PM
Surr: Bromofluorobenzene	*98.5*		*60-140*	*%REC*	1	1/12/2023 09:54 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 937 Ferndale-SG **Lab ID:** 23010091-07
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
1,1,2,2-Tetrachloroethane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
1,1,2-Trichloroethane	ND		0.20	ppbv	1	1/17/2023 01:34 PM
1,1-Dichloroethane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
1,1-Dichloroethene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
1,2,4-Trichlorobenzene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
1,2,4-Trimethylbenzene	**1.9**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
1,2-Dibromoethane	ND		0.20	ppbv	1	1/17/2023 01:34 PM
1,2-Dichlorobenzene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
1,2-Dichloroethane	ND		0.20	ppbv	1	1/17/2023 01:34 PM
1,2-Dichloropropane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
1,3,5-Trimethylbenzene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
1,3-Butadiene	ND		0.20	ppbv	1	1/17/2023 01:34 PM
1,3-Dichlorobenzene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
1,4-Dichlorobenzene	ND		0.20	ppbv	1	1/17/2023 01:34 PM
1,4-Dioxane	ND		1.0	ppbv	1	1/17/2023 01:34 PM
2-Butanone	**1.3**		**1.0**	**ppbv**	1	1/17/2023 01:34 PM
2-Hexanone	ND		1.0	ppbv	1	1/17/2023 01:34 PM
2-Propanol	**1.4**		**1.0**	**ppbv**	1	1/17/2023 01:34 PM
4-Ethyltoluene	**0.52**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
4-Methyl-2-pentanone	ND		1.0	ppbv	1	1/17/2023 01:34 PM
Acetone	**67**	E	**1.0**	**ppbv**	1	1/17/2023 01:34 PM
Benzene	**0.93**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
Benzyl chloride	ND		1.0	ppbv	1	1/17/2023 01:34 PM
Bromodichloromethane	ND		0.20	ppbv	1	1/17/2023 01:34 PM
Bromoform	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Bromomethane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Carbon disulfide	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Carbon tetrachloride	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Chlorobenzene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Chloroethane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Chloroform	ND		0.20	ppbv	1	1/17/2023 01:34 PM
Chloromethane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
cis-1,2-Dichloroethene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
cis-1,3-Dichloropropene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Cumene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Cyclohexane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Dibromochloromethane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Dichlorodifluoromethane	**0.57**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010091
Sample ID: 937 Ferndale-SG **Lab ID:** 23010091-07
Collection Date: 12/30/2022 **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Ethyl acetate	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Ethylbenzene	**1.7**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
Freon 113	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Freon 114	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Heptane	**1.0**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
Hexachlorobutadiene	ND		0.20	ppbv	1	1/17/2023 01:34 PM
Hexane	**1.8**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
m,p-Xylene	**7.3**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
Methylene chloride	ND		2.0	ppbv	1	1/17/2023 01:34 PM
MTBE	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Naphthalene	ND		0.20	ppbv	1	1/17/2023 01:34 PM
o-Xylene	**2.3**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
Propene	**1.3**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
Styrene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Tetrachloroethene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Tetrahydrofuran	**3.7**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
Toluene	**9.9**		**0.50**	**ppbv**	1	1/17/2023 01:34 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
trans-1,3-Dichloropropene	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Trichloroethene	ND		0.20	ppbv	1	1/17/2023 01:34 PM
Trichlorofluoromethane	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Vinyl acetate	ND		1.0	ppbv	1	1/17/2023 01:34 PM
Vinyl chloride	ND		0.50	ppbv	1	1/17/2023 01:34 PM
Surr: Bromofluorobenzene	*104*		*60-140*	*%REC*	1	1/17/2023 01:34 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		2.73	µg/m3	1	1/17/2023 01:34 PM
1,1,2,2-Tetrachloroethane	ND		3.43	µg/m3	1	1/17/2023 01:34 PM
1,1,2-Trichloroethane	ND		1.09	µg/m3	1	1/17/2023 01:34 PM
1,1-Dichloroethane	ND		2.02	µg/m3	1	1/17/2023 01:34 PM
1,1-Dichloroethene	ND		1.98	µg/m3	1	1/17/2023 01:34 PM
1,2,4-Trichlorobenzene	ND		3.71	µg/m3	1	1/17/2023 01:34 PM
1,2,4-Trimethylbenzene	**9.49**		**2.46**	**µg/m3**	1	1/17/2023 01:34 PM
1,2-Dibromoethane	ND		1.54	µg/m3	1	1/17/2023 01:34 PM
1,2-Dichlorobenzene	ND		3.01	µg/m3	1	1/17/2023 01:34 PM
1,2-Dichloroethane	ND		0.809	µg/m3	1	1/17/2023 01:34 PM
1,2-Dichloropropane	ND		2.31	µg/m3	1	1/17/2023 01:34 PM
1,3,5-Trimethylbenzene	ND		2.46	µg/m3	1	1/17/2023 01:34 PM
1,3-Butadiene	ND		0.442	µg/m3	1	1/17/2023 01:34 PM
1,3-Dichlorobenzene	ND		3.01	µg/m3	1	1/17/2023 01:34 PM
1,4-Dichlorobenzene	ND		1.20	µg/m3	1	1/17/2023 01:34 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010091
Sample ID: 937 Ferndale-SG
Lab ID: 23010091-07
Collection Date: 12/30/2022
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,4-Dioxane	ND		3.60	µg/m3	1	1/17/2023 01:34 PM
2-Butanone	**3.83**		**2.95**	**µg/m3**	1	1/17/2023 01:34 PM
2-Hexanone	ND		4.10	µg/m3	1	1/17/2023 01:34 PM
2-Propanol	**3.56**		**2.46**	**µg/m3**	1	1/17/2023 01:34 PM
4-Ethyltoluene	**2.56**		**2.46**	**µg/m3**	1	1/17/2023 01:34 PM
4-Methyl-2-pentanone	ND		4.10	µg/m3	1	1/17/2023 01:34 PM
Acetone	**159**	E	**2.38**	**µg/m3**	1	1/17/2023 01:34 PM
Benzene	**2.97**		**1.60**	**µg/m3**	1	1/17/2023 01:34 PM
Benzyl chloride	ND		5.18	µg/m3	1	1/17/2023 01:34 PM
Bromodichloromethane	ND		1.34	µg/m3	1	1/17/2023 01:34 PM
Bromoform	ND		5.17	µg/m3	1	1/17/2023 01:34 PM
Bromomethane	ND		1.94	µg/m3	1	1/17/2023 01:34 PM
Carbon disulfide	ND		1.56	µg/m3	1	1/17/2023 01:34 PM
Carbon tetrachloride	ND		3.15	µg/m3	1	1/17/2023 01:34 PM
Chlorobenzene	ND		2.30	µg/m3	1	1/17/2023 01:34 PM
Chloroethane	ND		1.32	µg/m3	1	1/17/2023 01:34 PM
Chloroform	ND		0.976	µg/m3	1	1/17/2023 01:34 PM
Chloromethane	ND		1.03	µg/m3	1	1/17/2023 01:34 PM
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/17/2023 01:34 PM
cis-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/17/2023 01:34 PM
Cumene	ND		2.46	µg/m3	1	1/17/2023 01:34 PM
Cyclohexane	ND		1.72	µg/m3	1	1/17/2023 01:34 PM
Dibromochloromethane	ND		4.26	µg/m3	1	1/17/2023 01:34 PM
Dichlorodifluoromethane	**2.82**		**2.47**	**µg/m3**	1	1/17/2023 01:34 PM
Ethyl acetate	ND		1.80	µg/m3	1	1/17/2023 01:34 PM
Ethylbenzene	**7.25**		**2.17**	**µg/m3**	1	1/17/2023 01:34 PM
Freon 113	ND		3.83	µg/m3	1	1/17/2023 01:34 PM
Freon 114	ND		3.50	µg/m3	1	1/17/2023 01:34 PM
Heptane	**4.26**		**2.05**	**µg/m3**	1	1/17/2023 01:34 PM
Hexachlorobutadiene	ND		2.13	µg/m3	1	1/17/2023 01:34 PM
Hexane	**6.38**		**1.76**	**µg/m3**	1	1/17/2023 01:34 PM
m,p-Xylene	**31.7**		**2.17**	**µg/m3**	1	1/17/2023 01:34 PM
Methylene chloride	ND		7.00	µg/m3	1	1/17/2023 01:34 PM
MTBE	ND		1.80	µg/m3	1	1/17/2023 01:34 PM
Naphthalene	ND		1.05	µg/m3	1	1/17/2023 01:34 PM
o-Xylene	**10.0**		**2.17**	**µg/m3**	1	1/17/2023 01:34 PM
Propene	**2.27**		**0.861**	**µg/m3**	1	1/17/2023 01:34 PM
Styrene	ND		2.13	µg/m3	1	1/17/2023 01:34 PM
Tetrachloroethene	ND		3.39	µg/m3	1	1/17/2023 01:34 PM
Tetrahydrofuran	**10.9**		**1.47**	**µg/m3**	1	1/17/2023 01:34 PM

Note:

ALS Environmental

Date: *19-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010091
Sample ID: 937 Ferndale-SG
Lab ID: 23010091-07
Collection Date: 12/30/2022
Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	**37.2**		**1.88**	**µg/m3**	1	1/17/2023 01:34 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/17/2023 01:34 PM
trans-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/17/2023 01:34 PM
Trichloroethene	ND		1.07	µg/m3	1	1/17/2023 01:34 PM
Trichlorofluoromethane	ND		2.81	µg/m3	1	1/17/2023 01:34 PM
Vinyl acetate	ND		3.52	µg/m3	1	1/17/2023 01:34 PM
Vinyl chloride	ND		1.28	µg/m3	1	1/17/2023 01:34 PM
Surr: Bromofluorobenzene	*104*		*60-140*	*%REC*	1	1/17/2023 01:34 PM

Note:

Batch ID: **R212545** Instrument ID **VMS4** Method: **ETO-15**

MBLK Sample ID: **MBLK-R212545** Units: **ppbv** Analysis Date: **1/12/2023 04:20 PM**

Client ID: Run ID: **VMS4_230112A** SeqNo: **2947757** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	0.50								
1,1,2,2-Tetrachloroethane	ND	0.50								
1,1,2-Trichloroethane	ND	0.20								
1,1-Dichloroethane	ND	0.50								
1,1-Dichloroethene	ND	0.50								
1,2,4-Trichlorobenzene	ND	0.50								
1,2,4-Trimethylbenzene	ND	0.50								
1,2-Dibromoethane	ND	0.20								
1,2-Dichlorobenzene	ND	0.50								
1,2-Dichloroethane	ND	0.20								
1,2-Dichloropropane	ND	0.50								
1,3,5-Trimethylbenzene	ND	0.50								
1,3-Butadiene	ND	0.20								
1,3-Dichlorobenzene	ND	0.50								
1,4-Dichlorobenzene	ND	0.20								
1,4-Dioxane	ND	1.0								
2-Butanone	ND	1.0								
2-Hexanone	ND	1.0								
2-Propanol	ND	1.0								
4-Ethyltoluene	ND	0.50								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	1.0								
Benzene	ND	0.50								
Benzyl chloride	ND	1.0								
Bromodichloromethane	ND	0.20								
Bromoform	ND	0.50								
Bromomethane	ND	0.50								
Carbon disulfide	ND	0.50								
Carbon tetrachloride	ND	0.50								
Chlorobenzene	ND	0.50								
Chloroethane	ND	0.50								
Chloroform	ND	0.20								
Chloromethane	ND	0.50								
cis-1,2-Dichloroethene	ND	0.50								
cis-1,3-Dichloropropene	ND	0.50								
Cumene	ND	0.50								
Cyclohexane	ND	0.50								
Dibromochloromethane	ND	0.50								
Dichlorodifluoromethane	ND	0.50								
Ethyl acetate	ND	0.50								
Ethylbenzene	ND	0.50								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R212545** Instrument ID **VMS4** Method: **ETO-15**

Freon 113	ND	0.50						
Freon 114	ND	0.50						
Heptane	ND	0.50						
Hexachlorobutadiene	ND	0.20						
Hexane	ND	0.50						
m,p-Xylene	ND	0.50						
Methylene chloride	ND	2.0						
MTBE	ND	0.50						
Naphthalene	ND	0.20						
o-Xylene	ND	0.50						
Propene	0.15	0.50						J
Styrene	ND	0.50						
Tetrachloroethene	ND	0.50						
Tetrahydrofuran	ND	0.50						
Toluene	ND	0.50						
trans-1,2-Dichloroethene	ND	0.50						
trans-1,3-Dichloropropene	ND	0.50						
Trichloroethene	ND	0.20						
Trichlorofluoromethane	ND	0.50						
Vinyl acetate	ND	1.0						
Vinyl chloride	ND	0.50						
Surr: Bromofluorobenzene	*9.07*	0	*10*	0	*90.7*	*60-140*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 23010091
Project: BFM-9

QC BATCH REPORT

Batch ID: **R212545** Instrument ID **VMS4** Method: **ETO-15**

LCS	Sample ID: **LCS-R212545**				Units: **ppbv**			Analysis Date: **1/12/2023 03:34 PM**			
Client ID:		Run ID: **VMS4_230112A**			SeqNo: **2947756**		Prep Date:		DF: **1**		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	11.21	0.50	10	0	112	58.8-163	0			
1,1,2,2-Tetrachloroethane	11.15	0.50	10	0	112	60-140	0			
1,1,2-Trichloroethane	11.73	0.20	10	0	117	60-140	0			
1,1-Dichloroethane	11.94	0.50	10	0	119	60-140	0			
1,1-Dichloroethene	11.73	0.50	10	0	117	60-140	0			
1,2,4-Trichlorobenzene	9.78	0.50	10	0	97.8	49.3-150	0			
1,2,4-Trimethylbenzene	12.38	0.50	10	0	124	50.1-162	0			
1,2-Dibromoethane	11.2	0.20	10	0	112	60-140	0			
1,2-Dichlorobenzene	11.19	0.50	10	0	112	41.9-141	0			
1,2-Dichloroethane	12.18	0.20	10	0	122	60-140	0			
1,2-Dichloropropane	12.81	0.50	10	0	128	60-140	0			
1,3,5-Trimethylbenzene	11.96	0.50	10	0	120	60-140	0			
1,3-Butadiene	13.1	0.20	10	0	131	50.6-140	0			
1,3-Dichlorobenzene	11.05	0.50	10	0	110	60-140	0			
1,4-Dichlorobenzene	10.57	0.20	10	0	106	55.1-145	0			
1,4-Dioxane	12.76	1.0	10	0	128	60-140	0			
2-Butanone	12.34	1.0	10	0	123	60-140	0			
2-Hexanone	14.48	1.0	10	0	145	56.2-162	0			
2-Propanol	12.5	1.0	10	0	125	60-140	0			
4-Ethyltoluene	12.36	0.50	10	0	124	60-140	0			
4-Methyl-2-pentanone	14.15	1.0	10	0	142	60-140	0			S
Acetone	11.12	1.0	10	0	111	60-140	0			
Benzene	11.85	0.50	10	0	118	60-140	0			
Benzyl chloride	11.32	1.0	10	0	113	31.9-174	0			
Bromodichloromethane	11.95	0.20	10	0	120	60-140	0			
Bromoform	11.03	0.50	10	0	110	60-140	0			
Bromomethane	8.89	0.50	10	0	88.9	60-140	0			
Carbon disulfide	11.74	0.50	10	0	117	60-140	0			
Carbon tetrachloride	10.95	0.50	10	0	110	60-140	0			
Chlorobenzene	10.72	0.50	10	0	107	60-140	0			
Chloroethane	10.63	0.50	10	0	106	60-140	0			
Chloroform	11.54	0.20	10	0	115	60-140	0			
Chloromethane	12.28	0.50	10	0	123	60-140	0			
cis-1,2-Dichloroethene	13.03	0.50	10	0	130	60-140	0			
cis-1,3-Dichloropropene	12.41	0.50	10	0	124	60-140	0			
Cumene	12.15	0.50	10	0	122	60-140	0			
Cyclohexane	11.81	0.50	10	0	118	60-140	0			
Dibromochloromethane	11.37	0.50	10	0	114	60-140	0			
Dichlorodifluoromethane	11.2	0.50	10	0	112	60-140	0			
Ethyl acetate	12.51	0.50	10	0	125	60-140	0			
Ethylbenzene	11.89	0.50	10	0	119	60-140	0			
Freon 113	11.69	0.50	10	0	117	60-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 23010091
Project: BFM-9

QC BATCH REPORT

Batch ID: **R212545** Instrument ID **VMS4** Method: **ETO-15**

Freon 114	10.91	0.50	10	0	109	60-140	0
Heptane	13.5	0.50	10	0	135	60-140	0
Hexachlorobutadiene	12.4	0.20	10	0	124	60-140	0
Hexane	12.99	0.50	10	0	130	60-140	0
m,p-Xylene	24.41	0.50	20	0	122	60-140	0
Methylene chloride	11.53	2.0	10	0	115	60-140	0
MTBE	11.99	0.50	10	0	120	60.8-151	0
Naphthalene	9.02	0.20	10	0	90.2	53.1-152	0
o-Xylene	12.26	0.50	10	0	123	60-140	0
Propene	11.67	0.50	10	0	117	34.4-139	0
Styrene	12.18	0.50	10	0	122	60-140	0
Tetrachloroethene	11.68	0.50	10	0	117	60-140	0
Tetrahydrofuran	12.71	0.50	10	0	127	60-140	0
Toluene	12.62	0.50	10	0	126	60-140	0
trans-1,2-Dichloroethene	11.45	0.50	10	0	114	60-140	0
trans-1,3-Dichloropropene	12.26	0.50	10	0	123	60-140	0
Trichloroethene	11.46	0.20	10	0	115	60-140	0
Trichlorofluoromethane	10.7	0.50	10	0	107	60-140	0
Vinyl acetate	11.39	1.0	10	0	114	48.4-145	0
Vinyl chloride	11.71	0.50	10	0	117	60-140	0
Surr: Bromofluorobenzene	*10.19*	0	*10*	0	*102*	*60-140*	0

The following samples were analyzed in this batch:

23010091-01a	23010091-02a	23010091-03a
23010091-04a	23010091-05a	23010091-06a

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R212633** Instrument ID **VMS4** Method: **ETO-15**

MBLK Sample ID: **MBLK-R212633** Units: **ppbv** Analysis Date: **1/17/2023 11:59 AM**

Client ID: Run ID: **VMS4_230117A** SeqNo: **2949678** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	0.50								
1,1,2,2-Tetrachloroethane	ND	0.50								
1,1,2-Trichloroethane	ND	0.20								
1,1-Dichloroethane	ND	0.50								
1,1-Dichloroethene	ND	0.50								
1,2,4-Trichlorobenzene	ND	0.50								
1,2,4-Trimethylbenzene	ND	0.50								
1,2-Dibromoethane	ND	0.20								
1,2-Dichlorobenzene	ND	0.50								
1,2-Dichloroethane	ND	0.20								
1,2-Dichloropropane	ND	0.50								
1,3,5-Trimethylbenzene	ND	0.50								
1,3-Butadiene	ND	0.20								
1,3-Dichlorobenzene	ND	0.50								
1,4-Dichlorobenzene	ND	0.20								
1,4-Dioxane	ND	1.0								
2-Butanone	ND	1.0								
2-Hexanone	ND	1.0								
2-Propanol	ND	1.0								
4-Ethyltoluene	ND	0.50								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	1.0								
Benzene	ND	0.50								
Benzyl chloride	ND	1.0								
Bromodichloromethane	ND	0.20								
Bromoform	ND	0.50								
Bromomethane	ND	0.50								
Carbon disulfide	ND	0.50								
Carbon tetrachloride	ND	0.50								
Chlorobenzene	ND	0.50								
Chloroethane	ND	0.50								
Chloroform	ND	0.20								
Chloromethane	ND	0.50								
cis-1,2-Dichloroethene	ND	0.50								
cis-1,3-Dichloropropene	ND	0.50								
Cumene	ND	0.50								
Cyclohexane	ND	0.50								
Dibromochloromethane	ND	0.50								
Dichlorodifluoromethane	ND	0.50								
Ethyl acetate	ND	0.50								
Ethylbenzene	ND	0.50								
Freon 113	ND	0.50								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R212633** Instrument ID **VMS4** Method: **ETO-15**

Freon 114	ND	0.50						
Heptane	ND	0.50						
Hexachlorobutadiene	ND	0.20						
Hexane	ND	0.50						
m,p-Xylene	ND	0.50						
Methylene chloride	ND	2.0						
MTBE	ND	0.50						
Naphthalene	ND	0.20						
o-Xylene	ND	0.50						
Propene	0.14	0.50						J
Styrene	ND	0.50						
Tetrachloroethene	ND	0.50						
Tetrahydrofuran	ND	0.50						
Toluene	ND	0.50						
trans-1,2-Dichloroethene	ND	0.50						
trans-1,3-Dichloropropene	ND	0.50						
Trichloroethene	ND	0.20						
Trichlorofluoromethane	ND	0.50						
Vinyl acetate	ND	1.0						
Vinyl chloride	ND	0.50						
Surr: Bromofluorobenzene	*9.18*	0	*10*	0	*91.8*	*60-140*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 23010091
Project: BFM-9

QC BATCH REPORT

Batch ID: **R212633** Instrument ID **VMS4** Method: **ETO-15**

LCS	Sample ID: **LCS-R212633**				Units: **ppbv**			Analysis Date: **1/17/2023 11:12 AM**		
Client ID:		Run ID: **VMS4_230117A**			SeqNo: **2949677**		Prep Date:		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	9.81	0.50	10	0	98.1	58.8-163	0			
1,1,2,2-Tetrachloroethane	9.23	0.50	10	0	92.3	60-140	0			
1,1,2-Trichloroethane	10.7	0.20	10	0	107	60-140	0			
1,1-Dichloroethane	10.49	0.50	10	0	105	60-140	0			
1,1-Dichloroethene	10.49	0.50	10	0	105	60-140	0			
1,2,4-Trichlorobenzene	9.42	0.50	10	0	94.2	49.3-150	0			
1,2,4-Trimethylbenzene	10.39	0.50	10	0	104	50.1-162	0			
1,2-Dibromoethane	10.46	0.20	10	0	105	60-140	0			
1,2-Dichlorobenzene	9.92	0.50	10	0	99.2	41.9-141	0			
1,2-Dichloroethane	10.7	0.20	10	0	107	60-140	0			
1,2-Dichloropropane	11.57	0.50	10	0	116	60-140	0			
1,3,5-Trimethylbenzene	9.97	0.50	10	0	99.7	60-140	0			
1,3-Butadiene	11.19	0.20	10	0	112	50.6-140	0			
1,3-Dichlorobenzene	9.8	0.50	10	0	98	60-140	0			
1,4-Dichlorobenzene	9.68	0.20	10	0	96.8	55.1-145	0			
1,4-Dioxane	12.38	1.0	10	0	124	60-140	0			
2-Butanone	11.32	1.0	10	0	113	60-140	0			
2-Hexanone	14.35	1.0	10	0	144	56.2-162	0			
2-Propanol	12.04	1.0	10	0	120	60-140	0			
4-Ethyltoluene	10.43	0.50	10	0	104	60-140	0			
4-Methyl-2-pentanone	13.5	1.0	10	0	135	60-140	0			
Acetone	13.04	1.0	10	0	130	60-140	0			
Benzene	10.43	0.50	10	0	104	60-140	0			
Benzyl chloride	10.24	1.0	10	0	102	31.9-174	0			
Bromodichloromethane	10.87	0.20	10	0	109	60-140	0			
Bromoform	9.52	0.50	10	0	95.2	60-140	0			
Bromomethane	7.46	0.50	10	0	74.6	60-140	0			
Carbon disulfide	10.2	0.50	10	0	102	60-140	0			
Carbon tetrachloride	9.58	0.50	10	0	95.8	60-140	0			
Chlorobenzene	9.23	0.50	10	0	92.3	60-140	0			
Chloroethane	9.31	0.50	10	0	93.1	60-140	0			
Chloroform	9.97	0.20	10	0	99.7	60-140	0			
Chloromethane	11.12	0.50	10	0	111	60-140	0			
cis-1,2-Dichloroethene	11.53	0.50	10	0	115	60-140	0			
cis-1,3-Dichloropropene	11.62	0.50	10	0	116	60-140	0			
Cumene	10.13	0.50	10	0	101	60-140	0			
Cyclohexane	10.43	0.50	10	0	104	60-140	0			
Dibromochloromethane	10.46	0.50	10	0	105	60-140	0			
Dichlorodifluoromethane	9.78	0.50	10	0	97.8	60-140	0			
Ethyl acetate	10.85	0.50	10	0	108	60-140	0			
Ethylbenzene	10.1	0.50	10	0	101	60-140	0			
Freon 113	10.25	0.50	10	0	102	60-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 23010091
Project: BFM-9

QC BATCH REPORT

Batch ID: **R212633** Instrument ID **VMS4** Method: **ETO-15**

Freon 114	9.37	0.50	10	0	93.7	60-140	0
Heptane	12.21	0.50	10	0	122	60-140	0
Hexachlorobutadiene	11.09	0.20	10	0	111	60-140	0
Hexane	11.86	0.50	10	0	119	60-140	0
m,p-Xylene	20.59	0.50	20	0	103	60-140	0
Methylene chloride	10.79	2.0	10	0	108	60-140	0
MTBE	10.85	0.50	10	0	108	60.8-151	0
Naphthalene	9.16	0.20	10	0	91.6	53.1-152	0
o-Xylene	10.42	0.50	10	0	104	60-140	0
Propene	11.17	0.50	10	0	112	34.4-139	0
Styrene	10.33	0.50	10	0	103	60-140	0
Tetrachloroethene	10.77	0.50	10	0	108	60-140	0
Tetrahydrofuran	11.94	0.50	10	0	119	60-140	0
Toluene	11.68	0.50	10	0	117	60-140	0
trans-1,2-Dichloroethene	10.22	0.50	10	0	102	60-140	0
trans-1,3-Dichloropropene	11.66	0.50	10	0	117	60-140	0
Trichloroethene	10.66	0.20	10	0	107	60-140	0
Trichlorofluoromethane	9.59	0.50	10	0	95.9	60-140	0
Vinyl acetate	10.78	1.0	10	0	108	48.4-145	0
Vinyl chloride	9.72	0.50	10	0	97.2	60-140	0
Surr: Bromofluorobenzene	*9.72*	0	*10*	0	*97.2*	*60-140*	0

The following samples were analyzed in this batch: 23010091-06A 23010091-07A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Project: BFM-9
WorkOrder: **23010091**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/m3	
ppbv	

ALS Environmental

Sample Receipt Checklist

Client Name: **PANDEYENVIRONMENTAL-COL** Date/Time Received: **04-Jan-23 14:43**

Work Order: **23010091** Received by: **AB**

Checklist completed by Madison Bufler (eSignature) 04-Jan-23 (Date) Reviewed by: Hannah Ponder (eSignature) 10-Jan-23 (Date)

Matrices: Air

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Sample(s) received on ice?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):			
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	1/4/2023 14:53		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

Air Canister - Chain of Custody Record / Analytical Service Request

Page 1 of 1

23010091

5537

Ship To: ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (513) 733-5336
Fax: (513) 733-5347

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No.

OH VAP: ● Yes ○ No
OH BUSTR: ○ Yes ● No

Company Name & Address (Reporting Information)
PANDEY Environmental, LLC
6277 Riverside Drive, Suite Two South
Dublin, Ohio 43017

Project Name: BFM-9

Project Number:

P.O. # / Billing Information:

Project Manager: Jason Martin

Phone: 614-444-8078

Fax:

Email Address for Result Reporting: jmartin@pandeyenvironmental.com

Sampler (Print & Sign): Nick Bilyeu / Nick Bilyeu

Analysis Method

Type: SS = SubSlab, IA = Indoor Air, SG = Soil Gas, O = Other, AA = Ambient Air, SVE = Soil Vapor Extract

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID	Flow Controller ID	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	PID	TO15 VOCs	Type	Comments / Specific Instructions (ie: water or pressure issues)
940 Mayfield - SG	1	12-30-22	8:45-4:30	109977	119712	-29	-4	0.6	X	SG	
946 Mayfield - SG	2		9:25-5:25	109221	108984	-30	-10	2.1	X	SG	
947-949 Ferndale-SG	3		9:40-5:29	120039	119047	-30	-8	2.4	X	SG	
953-955 Ferndale-SG	4		10:00-5:47	101802	109481	-30	-11	0.5	X	SG	
950-956 Ferndale-SG	5		10:45-6:28	109957	119015	-30	-12	0.6	X	SG	
948 Ferndale - SG	6		10:15-6:09	108442	119613	-29	-9	2.4	X	SG	
937 Ferndale - SG	7		10:55-6:39	109214	109212	-30	-13	1.2	X	SG	

There will be additional charges for damaged equipment FedEx

Report QC Levels ug/m³
EDD required (Yes) / No
Type: Excel Units: ug/m³

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Nick Bilyeu	1/3/23	3:07		1-4-23	1443
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature ____°C

Affidavit of VAP Certified Laboratory

[For VAP certified laboratories to attest to "certified data" under OAC 3745-300-13(N) and OAC 3745-300-04(A). Note that Ohio EPA is to receive a legible copy of the CL's affidavit. The entity that received the CL's analytical report under affidavit may retain the CL's affidavit original.]

State of Ohio)
) ss:
County of Hamilton)

I, Tracey Earle, being first duly sworn according to law, state that, to the best of my knowledge, information and belief:

1. I am an adult over the age of eighteen years old and competent to testify herein.

2. I am employed by ALS Environmental ("the laboratory") as the Quality Assurance Manager. I am authorized to submit this affidavit on behalf of the laboratory.

3. The purpose of this submission is to support a request for a no further action letter or other aspects of a voluntary action, under Ohio's Voluntary Action Program (VAP) as set forth in Ohio Revised Code Chapter 3746 and Ohio Administrative Code (OAC) Chapter 3745-300.

4. ALS Environmental performed analyses for Pandey Environmental, LLC for a voluntary action at a property known as the BFM-9 located at 930, 940, 946, 952 Mayfield Place and 937, 948, 949/947, 950/956, 953/955 Ferndale Place Bexley, OH 43209.

5. This affidavit applies to and is submitted with the following information, data, documents or reports for the property:

ALS Work Order ID	Date of Document
23010091- VOCs (TO-15)	1/19/23

6. ALS Environmental was a VAP certified laboratory pursuant to OAC 3745-300-04 when it performed the analyses referenced herein.

7. All analyses under this affidavit consist of VAP "certified data" as described in OAC 3745-300-04(A) - - unless paragraph b., below, specifies the exceptions:

   a. The laboratory performed the analyses within its current VAP certification. The laboratory was certified for each analyte, parameter group, and method used at the time that it performed the analyses. The analyses were performed consistent with the laboratory's standard operating procedures and quality assurance program plan as approved under OAC 3745-300-04. Please refer to the case narrative, sample receipt checklist, and the analytical comments sections of the report for possible outliers.

b. Exceptions, if any: the lab was not VAP certified for the following analytes:

ALS Work Order #	Analyte / Parameter Group	Method
23010091	Propene, Freon 113 & 114, 2-Propanol, Heptane, trans-1,3-Dichloropropene, 4-Ethyltoluene/VOCs	TO-15

8. The information, data, documents and reports identified under this affidavit are true, accurate and complete.

Further affiant sayeth naught.

Tracy Earle
Signature of Affiant

Sworn to before me and subscribed in my presence this 19 day of January, 2023.

Notary Public

MELISSA LOUKS
Notary Public, State of Ohio
My Comm. Expires 09/12/2024
Recorded in Hamilton County

20-Jan-2023

Jason Martin
Pandey Environmental, LLC
6277 Riverside Drive
Suite Two South
Dublin, OH 43017

Re: **BFM-9** Work Order: **23010160**

Dear Jason,

ALS Environmental received 1 sample on 06-Jan-2023 02:22 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 14.

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

Sincerely,

Shawn Smythe

Electronically approved by: Hannah Ponder

Shawn Smythe
Project Manager

Report of Laboratory Analysis

ALS Environmental

Date: 20-Jan-23

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: **23010160**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
23010160-01	952 Mayfield-SV	Air		1/4/2023 15:54	1/6/2023 14:22	☐

ALS Environmental

Date: 20-Jan-23

Client: Pandey Environmental, LLC
Project: BFM-9
Work Order: 23010160

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.The analyses requested were analyzed according to Ohio Voluntary Action Program requirements. Affidavits are available upon request.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

ALS Environmental

Date: *20-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010160
Sample ID: 952 Mayfield-SV **Lab ID:** 23010160-01
Collection Date: 1/4/2023 03:54 PM **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
1,1,2,2-Tetrachloroethane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
1,1,2-Trichloroethane	ND		0.20	ppbv	1	1/17/2023 12:45 PM
1,1-Dichloroethane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
1,1-Dichloroethene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
1,2,4-Trichlorobenzene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
1,2,4-Trimethylbenzene	**1.5**		**0.50**	**ppbv**	1	1/17/2023 12:45 PM
1,2-Dibromoethane	ND		0.20	ppbv	1	1/17/2023 12:45 PM
1,2-Dichlorobenzene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
1,2-Dichloroethane	ND		0.20	ppbv	1	1/17/2023 12:45 PM
1,2-Dichloropropane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
1,3,5-Trimethylbenzene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
1,3-Butadiene	ND		0.20	ppbv	1	1/17/2023 12:45 PM
1,3-Dichlorobenzene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
1,4-Dichlorobenzene	ND		0.20	ppbv	1	1/17/2023 12:45 PM
1,4-Dioxane	ND		1.0	ppbv	1	1/17/2023 12:45 PM
2-Butanone	ND		1.0	ppbv	1	1/17/2023 12:45 PM
2-Hexanone	ND		1.0	ppbv	1	1/17/2023 12:45 PM
2-Propanol	ND		1.0	ppbv	1	1/17/2023 12:45 PM
4-Ethyltoluene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
4-Methyl-2-pentanone	ND		1.0	ppbv	1	1/17/2023 12:45 PM
Acetone	**3.4**		**1.0**	**ppbv**	1	1/17/2023 12:45 PM
Benzene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Benzyl chloride	ND		1.0	ppbv	1	1/17/2023 12:45 PM
Bromodichloromethane	ND		0.20	ppbv	1	1/17/2023 12:45 PM
Bromoform	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Bromomethane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Carbon disulfide	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Carbon tetrachloride	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Chlorobenzene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Chloroethane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Chloroform	ND		0.20	ppbv	1	1/17/2023 12:45 PM
Chloromethane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
cis-1,2-Dichloroethene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
cis-1,3-Dichloropropene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Cumene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Cyclohexane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Dibromochloromethane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Dichlorodifluoromethane	**0.59**		**0.50**	**ppbv**	1	1/17/2023 12:45 PM

Note:

ALS Environmental

Date: *20-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010160
Sample ID: 952 Mayfield-SV **Lab ID:** 23010160-01
Collection Date: 1/4/2023 03:54 PM **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Ethyl acetate	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Ethylbenzene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Freon 113	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Freon 114	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Heptane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Hexachlorobutadiene	ND		0.20	ppbv	1	1/17/2023 12:45 PM
Hexane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
m,p-Xylene	**1.8**		**0.50**	**ppbv**	1	1/17/2023 12:45 PM
Methylene chloride	ND		2.0	ppbv	1	1/17/2023 12:45 PM
MTBE	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Naphthalene	ND		0.20	ppbv	1	1/17/2023 12:45 PM
o-Xylene	**0.65**		**0.50**	**ppbv**	1	1/17/2023 12:45 PM
Propene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Styrene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Tetrachloroethene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Tetrahydrofuran	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Toluene	**1.4**		**0.50**	**ppbv**	1	1/17/2023 12:45 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
trans-1,3-Dichloropropene	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Trichloroethene	ND		0.20	ppbv	1	1/17/2023 12:45 PM
Trichlorofluoromethane	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Vinyl acetate	ND		1.0	ppbv	1	1/17/2023 12:45 PM
Vinyl chloride	ND		0.50	ppbv	1	1/17/2023 12:45 PM
Surr: Bromofluorobenzene	*120*		*60-140*	*%REC*	1	1/17/2023 12:45 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
1,1,1-Trichloroethane	ND		2.73	µg/m3	1	1/17/2023 12:45 PM
1,1,2,2-Tetrachloroethane	ND		3.43	µg/m3	1	1/17/2023 12:45 PM
1,1,2-Trichloroethane	ND		1.09	µg/m3	1	1/17/2023 12:45 PM
1,1-Dichloroethane	ND		2.02	µg/m3	1	1/17/2023 12:45 PM
1,1-Dichloroethene	ND		1.98	µg/m3	1	1/17/2023 12:45 PM
1,2,4-Trichlorobenzene	ND		3.71	µg/m3	1	1/17/2023 12:45 PM
1,2,4-Trimethylbenzene	**7.47**		**2.46**	**µg/m3**	1	1/17/2023 12:45 PM
1,2-Dibromoethane	ND		1.54	µg/m3	1	1/17/2023 12:45 PM
1,2-Dichlorobenzene	ND		3.01	µg/m3	1	1/17/2023 12:45 PM
1,2-Dichloroethane	ND		0.809	µg/m3	1	1/17/2023 12:45 PM
1,2-Dichloropropane	ND		2.31	µg/m3	1	1/17/2023 12:45 PM
1,3,5-Trimethylbenzene	ND		2.46	µg/m3	1	1/17/2023 12:45 PM
1,3-Butadiene	ND		0.442	µg/m3	1	1/17/2023 12:45 PM
1,3-Dichlorobenzene	ND		3.01	µg/m3	1	1/17/2023 12:45 PM
1,4-Dichlorobenzene	ND		1.20	µg/m3	1	1/17/2023 12:45 PM

Note:

ALS Environmental

Date: *20-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010160
Sample ID: 952 Mayfield-SV **Lab ID:** 23010160-01
Collection Date: 1/4/2023 03:54 PM **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,4-Dioxane	ND		3.60	µg/m3	1	1/17/2023 12:45 PM
2-Butanone	ND		2.95	µg/m3	1	1/17/2023 12:45 PM
2-Hexanone	ND		4.10	µg/m3	1	1/17/2023 12:45 PM
2-Propanol	ND		2.46	µg/m3	1	1/17/2023 12:45 PM
4-Ethyltoluene	ND		2.46	µg/m3	1	1/17/2023 12:45 PM
4-Methyl-2-pentanone	ND		4.10	µg/m3	1	1/17/2023 12:45 PM
Acetone	**7.98**		**2.38**	**µg/m3**	1	1/17/2023 12:45 PM
Benzene	ND		1.60	µg/m3	1	1/17/2023 12:45 PM
Benzyl chloride	ND		5.18	µg/m3	1	1/17/2023 12:45 PM
Bromodichloromethane	ND		1.34	µg/m3	1	1/17/2023 12:45 PM
Bromoform	ND		5.17	µg/m3	1	1/17/2023 12:45 PM
Bromomethane	ND		1.94	µg/m3	1	1/17/2023 12:45 PM
Carbon disulfide	ND		1.56	µg/m3	1	1/17/2023 12:45 PM
Carbon tetrachloride	ND		3.15	µg/m3	1	1/17/2023 12:45 PM
Chlorobenzene	ND		2.30	µg/m3	1	1/17/2023 12:45 PM
Chloroethane	ND		1.32	µg/m3	1	1/17/2023 12:45 PM
Chloroform	ND		0.976	µg/m3	1	1/17/2023 12:45 PM
Chloromethane	ND		1.03	µg/m3	1	1/17/2023 12:45 PM
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/17/2023 12:45 PM
cis-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/17/2023 12:45 PM
Cumene	ND		2.46	µg/m3	1	1/17/2023 12:45 PM
Cyclohexane	ND		1.72	µg/m3	1	1/17/2023 12:45 PM
Dibromochloromethane	ND		4.26	µg/m3	1	1/17/2023 12:45 PM
Dichlorodifluoromethane	**2.92**		**2.47**	**µg/m3**	1	1/17/2023 12:45 PM
Ethyl acetate	ND		1.80	µg/m3	1	1/17/2023 12:45 PM
Ethylbenzene	ND		2.17	µg/m3	1	1/17/2023 12:45 PM
Freon 113	ND		3.83	µg/m3	1	1/17/2023 12:45 PM
Freon 114	ND		3.50	µg/m3	1	1/17/2023 12:45 PM
Heptane	ND		2.05	µg/m3	1	1/17/2023 12:45 PM
Hexachlorobutadiene	ND		2.13	µg/m3	1	1/17/2023 12:45 PM
Hexane	ND		1.76	µg/m3	1	1/17/2023 12:45 PM
m,p-Xylene	**7.82**		**2.17**	**µg/m3**	1	1/17/2023 12:45 PM
Methylene chloride	ND		7.00	µg/m3	1	1/17/2023 12:45 PM
MTBE	ND		1.80	µg/m3	1	1/17/2023 12:45 PM
Naphthalene	ND		1.05	µg/m3	1	1/17/2023 12:45 PM
o-Xylene	**2.82**		**2.17**	**µg/m3**	1	1/17/2023 12:45 PM
Propene	ND		0.861	µg/m3	1	1/17/2023 12:45 PM
Styrene	ND		2.13	µg/m3	1	1/17/2023 12:45 PM
Tetrachloroethene	ND		3.39	µg/m3	1	1/17/2023 12:45 PM
Tetrahydrofuran	ND		1.47	µg/m3	1	1/17/2023 12:45 PM

Note:

ALS Environmental

Date: *20-Jan-23*

Client: Pandey Environmental, LLC
Project: BFM-9 **Work Order:** 23010160
Sample ID: 952 Mayfield-SV **Lab ID:** 23010160-01
Collection Date: 1/4/2023 03:54 PM **Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	**5.46**		**1.88**	**µg/m3**	1	1/17/2023 12:45 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	1/17/2023 12:45 PM
trans-1,3-Dichloropropene	ND		2.27	µg/m3	1	1/17/2023 12:45 PM
Trichloroethene	ND		1.07	µg/m3	1	1/17/2023 12:45 PM
Trichlorofluoromethane	ND		2.81	µg/m3	1	1/17/2023 12:45 PM
Vinyl acetate	ND		3.52	µg/m3	1	1/17/2023 12:45 PM
Vinyl chloride	ND		1.28	µg/m3	1	1/17/2023 12:45 PM
Surr: Bromofluorobenzene	*120*		*60-140*	*%REC*	1	1/17/2023 12:45 PM

Note:

Batch ID: **R212633** Instrument ID **VMS4** Method: **ETO-15**

MBLK Sample ID: **MBLK-R212633** Units: **ppbv** Analysis Date: **1/17/2023 11:59 AM**

Client ID: Run ID: **VMS4_230117A** SeqNo: **2949678** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	0.50								
1,1,2,2-Tetrachloroethane	ND	0.50								
1,1,2-Trichloroethane	ND	0.20								
1,1-Dichloroethane	ND	0.50								
1,1-Dichloroethene	ND	0.50								
1,2,4-Trichlorobenzene	ND	0.50								
1,2,4-Trimethylbenzene	ND	0.50								
1,2-Dibromoethane	ND	0.20								
1,2-Dichlorobenzene	ND	0.50								
1,2-Dichloroethane	ND	0.20								
1,2-Dichloropropane	ND	0.50								
1,3,5-Trimethylbenzene	ND	0.50								
1,3-Butadiene	ND	0.20								
1,3-Dichlorobenzene	ND	0.50								
1,4-Dichlorobenzene	ND	0.20								
1,4-Dioxane	ND	1.0								
2-Butanone	ND	1.0								
2-Hexanone	ND	1.0								
2-Propanol	ND	1.0								
4-Ethyltoluene	ND	0.50								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	1.0								
Benzene	ND	0.50								
Benzyl chloride	ND	1.0								
Bromodichloromethane	ND	0.20								
Bromoform	ND	0.50								
Bromomethane	ND	0.50								
Carbon disulfide	ND	0.50								
Carbon tetrachloride	ND	0.50								
Chlorobenzene	ND	0.50								
Chloroethane	ND	0.50								
Chloroform	ND	0.20								
Chloromethane	ND	0.50								
cis-1,2-Dichloroethene	ND	0.50								
cis-1,3-Dichloropropene	ND	0.50								
Cumene	ND	0.50								
Cyclohexane	ND	0.50								
Dibromochloromethane	ND	0.50								
Dichlorodifluoromethane	ND	0.50								
Ethyl acetate	ND	0.50								
Ethylbenzene	ND	0.50								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R212633** Instrument ID **VMS4** Method: **ETO-15**

Freon 113	ND	0.50						
Freon 114	ND	0.50						
Heptane	ND	0.50						
Hexachlorobutadiene	ND	0.20						
Hexane	ND	0.50						
m,p-Xylene	ND	0.50						
Methylene chloride	ND	2.0						
MTBE	ND	0.50						
Naphthalene	ND	0.20						
o-Xylene	ND	0.50						
Propene	0.14	0.50						J
Styrene	ND	0.50						
Tetrachloroethene	ND	0.50						
Tetrahydrofuran	ND	0.50						
Toluene	ND	0.50						
trans-1,2-Dichloroethene	ND	0.50						
trans-1,3-Dichloropropene	ND	0.50						
Trichloroethene	ND	0.20						
Trichlorofluoromethane	ND	0.50						
Vinyl acetate	ND	1.0						
Vinyl chloride	ND	0.50						
Surr: Bromofluorobenzene	*9.18*	0	*10*	0	*91.8*	*60-140*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Pandey Environmental, LLC
Work Order: 23010160
Project: BFM-9

QC BATCH REPORT

Batch ID: **R212633** Instrument ID **VMS4** Method: **ETO-15**

LCS	Sample ID: **LCS-R212633**				Units: **ppbv**			Analysis Date: **1/17/2023 11:12 AM**			
Client ID:		Run ID: **VMS4_230117A**			SeqNo: **2949677**		Prep Date:		DF: **1**		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	9.81	0.50	10	0	98.1	58.8-163	0			
1,1,2,2-Tetrachloroethane	9.23	0.50	10	0	92.3	60-140	0			
1,1,2-Trichloroethane	10.7	0.20	10	0	107	60-140	0			
1,1-Dichloroethane	10.49	0.50	10	0	105	60-140	0			
1,1-Dichloroethene	10.49	0.50	10	0	105	60-140	0			
1,2,4-Trichlorobenzene	9.42	0.50	10	0	94.2	49.3-150	0			
1,2,4-Trimethylbenzene	10.39	0.50	10	0	104	50.1-162	0			
1,2-Dibromoethane	10.46	0.20	10	0	105	60-140	0			
1,2-Dichlorobenzene	9.92	0.50	10	0	99.2	41.9-141	0			
1,2-Dichloroethane	10.7	0.20	10	0	107	60-140	0			
1,2-Dichloropropane	11.57	0.50	10	0	116	60-140	0			
1,3,5-Trimethylbenzene	9.97	0.50	10	0	99.7	60-140	0			
1,3-Butadiene	11.19	0.20	10	0	112	50.6-140	0			
1,3-Dichlorobenzene	9.8	0.50	10	0	98	60-140	0			
1,4-Dichlorobenzene	9.68	0.20	10	0	96.8	55.1-145	0			
1,4-Dioxane	12.38	1.0	10	0	124	60-140	0			
2-Butanone	11.32	1.0	10	0	113	60-140	0			
2-Hexanone	14.35	1.0	10	0	144	56.2-162	0			
2-Propanol	12.04	1.0	10	0	120	60-140	0			
4-Ethyltoluene	10.43	0.50	10	0	104	60-140	0			
4-Methyl-2-pentanone	13.5	1.0	10	0	135	60-140	0			
Acetone	13.04	1.0	10	0	130	60-140	0			
Benzene	10.43	0.50	10	0	104	60-140	0			
Benzyl chloride	10.24	1.0	10	0	102	31.9-174	0			
Bromodichloromethane	10.87	0.20	10	0	109	60-140	0			
Bromoform	9.52	0.50	10	0	95.2	60-140	0			
Bromomethane	7.46	0.50	10	0	74.6	60-140	0			
Carbon disulfide	10.2	0.50	10	0	102	60-140	0			
Carbon tetrachloride	9.58	0.50	10	0	95.8	60-140	0			
Chlorobenzene	9.23	0.50	10	0	92.3	60-140	0			
Chloroethane	9.31	0.50	10	0	93.1	60-140	0			
Chloroform	9.97	0.20	10	0	99.7	60-140	0			
Chloromethane	11.12	0.50	10	0	111	60-140	0			
cis-1,2-Dichloroethene	11.53	0.50	10	0	115	60-140	0			
cis-1,3-Dichloropropene	11.62	0.50	10	0	116	60-140	0			
Cumene	10.13	0.50	10	0	101	60-140	0			
Cyclohexane	10.43	0.50	10	0	104	60-140	0			
Dibromochloromethane	10.46	0.50	10	0	105	60-140	0			
Dichlorodifluoromethane	9.78	0.50	10	0	97.8	60-140	0			
Ethyl acetate	10.85	0.50	10	0	108	60-140	0			
Ethylbenzene	10.1	0.50	10	0	101	60-140	0			
Freon 113	10.25	0.50	10	0	102	60-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R212633** Instrument ID **VMS4** Method: **ETO-15**

Freon 114	9.37	0.50	10	0	93.7	60-140	0
Heptane	12.21	0.50	10	0	122	60-140	0
Hexachlorobutadiene	11.09	0.20	10	0	111	60-140	0
Hexane	11.86	0.50	10	0	119	60-140	0
m,p-Xylene	20.59	0.50	20	0	103	60-140	0
Methylene chloride	10.79	2.0	10	0	108	60-140	0
MTBE	10.85	0.50	10	0	108	60.8-151	0
Naphthalene	9.16	0.20	10	0	91.6	53.1-152	0
o-Xylene	10.42	0.50	10	0	104	60-140	0
Propene	11.17	0.50	10	0	112	34.4-139	0
Styrene	10.33	0.50	10	0	103	60-140	0
Tetrachloroethene	10.77	0.50	10	0	108	60-140	0
Tetrahydrofuran	11.94	0.50	10	0	119	60-140	0
Toluene	11.68	0.50	10	0	117	60-140	0
trans-1,2-Dichloroethene	10.22	0.50	10	0	102	60-140	0
trans-1,3-Dichloropropene	11.66	0.50	10	0	117	60-140	0
Trichloroethene	10.66	0.20	10	0	107	60-140	0
Trichlorofluoromethane	9.59	0.50	10	0	95.9	60-140	0
Vinyl acetate	10.78	1.0	10	0	108	48.4-145	0
Vinyl chloride	9.72	0.50	10	0	97.2	60-140	0
Surr: Bromofluorobenzene	*9.72*	0	*10*	0	*97.2*	*60-140*	0

The following samples were analyzed in this batch: 23010160-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Date: 20-Jan-23

Client: Pandey Environmental, LLC
Project: BFM-9
WorkOrder: **23010160**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/m3	
ppbv	

ALS Environmental

Sample Receipt Checklist

Client Name: **PANDEYENVIRONMENTAL-COL** Date/Time Received: **06-Jan-23 14:22**

Work Order: **23010160** Received by: **MB**

Checklist completed by Alec Bolender (eSignature) 06-Jan-23 (Date) Reviewed by: Hannah Ponder (eSignature) 10-Jan-23 (Date)

Matrices: air

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):			
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

Air Canister - Chain of Custody Record / Analytical Service Request

Page 1 of 1

Ship To: ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (513) 733-5336
Fax: (513) 733-5347

2310160

5440

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No.

OH VAP: (●) Yes ( ) No
OH BUSTR: ( ) Yes (●) No

Company Name & Address (Reporting Information)	Project Name	Analysis Method		Comments / Specific Instructions (ie: water or pressure issues)
PANDEY Environmental, LLC 6277 Riverside Drive, Suite Two South Dublin, OH 43017	BFM-9	TO15 VOCs	Type: SS = SubSlab, IA = Indoor Air, SG = Soil Gas, O = Other, AA = Ambient Air, SVE = Soil Vapor Extract	
Project Manager: Jason Martin	Project Number			
Phone: 614-444-8078 / Fax:	P.O. # / Billing Information			
Email Address for Result Reporting: jmartin@pandeyenvironmental.com	Sampler (Print & Sign): Nick Bilyeu / Nick Bilyeu			

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID	Flow Controller ID	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	PID	TO15 VOCs	Type	Comments
952 Mayfield-SV	1	1-4-23	7:45-3:54	109487	109044	-30	-5	ø	X	SS	

There will be additional charges for damaged equipment

Report QC Levels _____
EDD required (Yes) / No
Type: excel Units: ug/m3

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nick Bilyeu	1-4-23	4:45		1-6-23	14:22
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Fedex

Cooler / Blank Temperature ____°C

Affidavit of VAP Certified Laboratory

[For VAP certified laboratories to attest to "certified data" under OAC 3745-300-13(N) and OAC 3745-300-04(A). Note that Ohio EPA is to receive a legible copy of the CL's affidavit. The entity that received the CL's analytical report under affidavit may retain the CL's affidavit original.]

State of Ohio)
) ss:
County of Hamilton)

I, Tracey Earle, being first duly sworn according to law, state that, to the best of my knowledge, information and belief:

1. I am an adult over the age of eighteen years old and competent to testify herein.

2. I am employed by ALS Environmental ("the laboratory") as the Quality Assurance Manager. I am authorized to submit this affidavit on behalf of the laboratory.

3. The purpose of this submission is to support a request for a no further action letter or other aspects of a voluntary action, under Ohio's Voluntary Action Program (VAP) as set forth in Ohio Revised Code Chapter 3746 and Ohio Administrative Code (OAC) Chapter 3745-300.

4. ALS Environmental performed analyses for Pandey Environmental, LLC for a voluntary action at a property known as the BFM-9 located at 952 Mayfield Place Bexley, OH 43209.

5. This affidavit applies to and is submitted with the following information, data, documents or reports for the property:

ALS Work Order ID	Date of Document
23010160- VOCs (TO-15)	1/20/23

6. ALS Environmental was a VAP certified laboratory pursuant to OAC 3745-300-04 when it performed the analyses referenced herein.

7. All analyses under this affidavit consist of VAP "certified data" as described in OAC 3745-300-04(A) - - unless paragraph b., below, specifies the exceptions:

   a. The laboratory performed the analyses within its current VAP certification. The laboratory was certified for each analyte, parameter group, and method used at the time that it performed the analyses. The analyses were performed consistent with the laboratory's standard operating procedures and quality assurance program plan as approved under OAC 3745-300-04. Please refer to the case narrative, sample receipt checklist, and the analytical comments sections of the report for possible outliers.

b. Exceptions, if any: the lab was not VAP certified for the following analytes:

ALS Work Order #	Analyte / Parameter Group	Method
23010160	Propene, Freon 113 & 114, 2-Propanol, Heptane, trans-1,3-Dichloropropene, 4-Ethyltoluene/VOCs	TO-15

8. The information, data, documents and reports identified under this affidavit are true, accurate and complete.

Further affiant sayeth naught.

Tracy Earle
Signature of Affiant

Sworn to before me and subscribed in my presence this 24 day of January, 2023

Notary Public

MELISSA LOUKS
Notary Public, State of Ohio
My Comm. Expires 09/12/2024
Recorded in Hamilton County

APPENDIX B
FIELD SHEETS

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive, Suite 2 South
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 952 Mayfield-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located MW/SG: 952 Mayfield-MW	Sampler Type: Dual Tube
Location:	Logged By: JKM	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0	35	Organics and topsoil to ~6' loose, brown sand intermittent w/ black and orange sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				2'	0	35	loose, brown sand intermittent w/ black and orange sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				4'	X	X	No recovery	Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED
				6'	X	X	No recovery	Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED
				8'	0.1	80	brown silt, some clay more clay with depth	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				10'	0.1	80	brown clay & some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				12'	0.2	50	brown clay and some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				14'	0.1	50	lighter brown clay/ sand/ small gravel mix	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED

Notes:
TOTAL DEPTH: 20'

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive Suite 2 S
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 952 Mayfield-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located MW/SG: 952 Mayfield-MW	Sampler Type: Dual Tube
Location:	Logged By: JKM	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					X	60	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				18'				
					X	60	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				20'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				22'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				24'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				26'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				28'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				30'				
								Staining Present: Type: Odor Present: Type: Moisture Type:

Notes:
TOTAL DEPTH: 20'

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive, Suite 2 South
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 953-955 Ferndale-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0.2	10	Organics and topsoil to 6" dark brown silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				2'	0.2	10	reddish brown silt/sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				4'	0.2	40	brown silt, intermittent small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				6'	0.1	40	brown silt, intermittent small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				8'	0.2	40	brown silt, intermittent small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				10'	0.2	40	large gravel at 10' light brown sand and small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				12'	X	75	saturated brown sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				14'	X	75	~15.5' moist brown sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**

Notes:
TOTAL DEPTH: 16'

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive, Suite 2 South
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 947-949 Ferndale-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0.3	25	Organics to ~6' brown clay w/ some silt and small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				2'	0.3	25	brown clay with some silt and small gravel some black staining	Staining Present: **Y** / N Type: slight/ black Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				4'	X	X	No recovery	Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED
				6'	X	X	No recovery	Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED
				8'	0.3	50	brown clay more silt and less clay with depth	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				10'	0.3	50	brown sand, clay moist	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED
				12'	0.2	60	brown sand, gravel, silt wet at bottom	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / **SATURATED**
				14'	0.9	60	dry brown sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED

Notes:
TOTAL DEPTH: 20'

ENVIRONMENTAL SOIL BORE LOG

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive Suite 2 S
Dublin, Ohio 43017 614-444-8078

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 947-949 Ferndale-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
	[redacted]			18'	X	80	Saturated sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				20'	X	80	Saturated sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				22'				Staining Present: Type: Odor Present: Type: Moisture Type:
				24'				Staining Present: Type: Odor Present: Type: Moisture Type:
				26'				Staining Present: Type: Odor Present: Type: Moisture Type:
				28'				Staining Present: Type: Odor Present: Type: Moisture Type:
				30'				Staining Present: Type: Odor Present: Type: Moisture Type:

Notes:
TOTAL DEPTH: 20'

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive, Suite 2 South
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 937 Ferndale-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0.1	40	Organics to ~6' brown clay w/ intermittent glass shards	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				2'	0	40	black/orange sand	Staining Present: **Y** / N Type: black foundry sand Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				4'	0.1	20	black/orange sand	Staining Present: **Y** / N Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				6'	0.1	20	little recovery	Staining Present: **Y** / N Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				8'	0.2	60	moist brown clay w some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED
				10'	0.2	60	limestone rock in tube	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				12'	0.4	50	brown sand/ silt/ intermittent limestone cobbles	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / **SATURATED**
				14'	0.4	50	borwn sand/ silt/ intermittent limestone cobbles	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED

Notes:
TOTAL DEPTH: 24'

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive Suite 2 S
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 937 Ferndale-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM
	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0.3	60	sand, large gravel mix (limestone)	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				18'				
					0.3	60	sand, large gravel mix (limestone)	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				20'				
					X	99	grey saturated sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				22'				
					X	99	grey saturated sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				24'				
								Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED
				26'				
								Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED
				28'				
								Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED
				30'				
								Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED

Notes:
TOTAL DEPTH: 24'

ENVIRONMENTAL SOIL BORE LOG

PANDEY ENVIRONMENTAL, LLC
6277 Riverside Drive, Suite 2 South
Dublin, Ohio 43017 614-444-8078

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 946 Mayfield-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Overcast	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM
	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0	40	topsoil and organics to ~6' brown clay, some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				2'	0.2	40	3' some black sand and brick fragments	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				4'	0.1	50	brown clay with some sand and small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				6'	0	50	brown clay with some sand and small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				8'	0.1	50	saturated sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				10'	0.2	50	harder brown clay and small gravel more silt at bottom	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED
				12'	0.2	70	brown clay and some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				14'	0.3	70	lighter brown clay/ sand/ small gravel mix	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED

Notes:
TOTAL DEPTH: 20'

ENVIRONMENTAL SOIL BORE LOG

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive Suite 2 S
Dublin, Ohio 43017 614-444-8078

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 946 Mayfield-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Overcast	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
	[redacted]				X	75	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				18'				
					X	75	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				20'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				22'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				24'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				26'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				28'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				30'				
								Staining Present: Type: Odor Present: Type: Moisture Type:

Notes:
TOTAL DEPTH: 20'

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive, Suite 2 South
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 930 Mayfield-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: Clear and 29F	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM
	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0.2	40	Organics to ~6" Brown Clay w/ some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				2'	0.1	40	Brown clay w/ small gravel, brick fragments, and minor black staining	Staining Present: **Y** / N Type: Slight/ Black Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				4'	0.2	10	brick fragments, brown silt/clay/gravel	Staining Present: **Y** / N Type: Slight Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED
				6'	0.2	10	brick fragments, brown silt/clay/gravel	Staining Present: **Y** / N Type: Slight Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED
				8'	0.2	75	moist brown clay/silt/sand/gravel ~9' soft brown clay and some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED
				10'	0.2	75	moist brown clay/silt/sand/gravel, soft brown clay and some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				12'	0.3	75	~13' - brown sand/ small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				14'	0.3	75	~14.5' - moist	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED

Notes:
TOTAL DEPTH: 20'

ENVIRONMENTAL SOIL BORE LOG

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive Suite 2 S
Dublin, Ohio 43017 614-444-8078

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 930 Mayfield-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: Clear and 29F	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					X	60	saturated sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				18'				
					X	60	`19.5' - very moist sand and small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				20'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				22'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				24'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				26'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				28'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				30'				
								Staining Present: Type: Odor Present: Type: Moisture Type:

Notes:
TOTAL DEPTH: 20'

ENVIRONMENTAL SOIL BORE LOG

PANDEY ENVIRONMENTAL, LLC
6277 Riverside Drive, Suite 2 South
Dublin, Ohio 43017 614-444-8078

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 940 Mayfield-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's and clear	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0.2	50	Organics and topsoil to ~6" Brown Clay, some silt and small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				2'	0	50	~3' black sand w some clay and brick fragments w brown clay/sand and small gravel	Staining Present: **Y** / N Type: Slight/ Black Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				4'	0.1	25	brown sand w some clay and brick fragments ~5' dark brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				6'	0	25	dark brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				8'	0.1	50	brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				10'	0.1	50	brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				12'	0	75	brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				14'	0.1	75	changes to brown sand w/ intermittent large gravel very moist at 15.5'	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED

Notes:
TOTAL DEPTH: 20'

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive Suite 2 S
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 940 Mayfield-SB
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's and clear	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					X	10	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				18'				
					X	10	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				20'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				22'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				24'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				26'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				28'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				30'				
								Staining Present: Type: Odor Present: Type: Moisture Type:

Notes:
TOTAL DEPTH: 20'

PANDEY ENVIRONMENTAL, LLC

6277 Riverside Drive, Suite 2 South
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 950-956 Ferndale-SB
Date Drilled: 12/21/2022	Drill Rig: AMS Powerprobe 9410
Weather: 40's/ Overcast	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0.1	45	Organics to ~6" Brown Clay 1.75' - Some Black Sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				2'	0.1	45	2.5' - Sand and Gravel Layer of Mixed/ decomposed landfill material (glass, brick, plastic) Soft-moist brown silt, sand and clay	Staining Present: **Y** / N Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED
				4'	0.1	90	brown silt/ clay	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				6'	0.1	90	less clay with depth	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				8'	0.2	80	~9' brown, soft partially saturated silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED
				10'	0.1	80	11.5'- harder, wet clay/ silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				12'	X	50	gray silt, intermittently saturated layers, some sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				14'	X	50	at 14" saturated sand and gravel at 15.5' saturated silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**

Notes:
TOTAL DEPTH: 24'

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive Suite 2 S
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 950-956 Ferndale-SB
Date Drilled: 12/21/2022	Drill Rig: AMS Powerprobe 9410
Weather: 40's/ Overcast	Auger Diam: N/A
Co-located MW/SG:	Sampler Type: Dual Tube
Location:	Logged By: JKM	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					X	60	saturated sand and large gravel 16.5' dry, grey silt, some intermittent gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				18'	X	60	18.5' brown sand/ silt/ gravel 19' saturated bown silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				20'	X	100	saturated sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				22'	X	100	saturated sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				24'				Staining Present: Type: Odor Present: Type: Moisture Type:
				26'				Staining Present: Type: Odor Present: Type: Moisture Type:
				28'				Staining Present: Type: Odor Present: Type: Moisture Type:
				30'				Staining Present: Type: Odor Present: Type: Moisture Type:

Notes:
TOTAL DEPTH: 24'

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive, Suite 2 South
Dublin, Ohio 43017 614-444-8078

ENVIRONMENTAL SOIL BORE LOG

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 948 Ferndale-SB
Date Drilled: 12/21/2022	Drill Rig: AMS Powerprobe 9410
Weather: 40's/ Overcast	Auger Diam: N/A
Co-located MW/SG: 948 Ferndale- MW	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					0.2	45	Organics to ~6" Brown Clay w/ intermittent gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				2'	0.3	45	some black sand throughout	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				4'	0	50	soft brown clay with some silt and intermittent small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / **MOIST** / SATURATED
				6'	0	50	soft brown clay with some silt and intermittent small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / **MOIST** / SATURATED
				8'	0.1	80	brown clay and some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED
				10'	0	80	brown clay and some silt 10-11.5' saturated	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				12'	0	80	12-12.5 - saturated sand rock around 12.5', small grey clay layer is dry 13-14 saturated brown silt and sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				14'	0	80	14-15.5' saturated brown silt and sand 15.5' hard, dry grey/brown clay	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / **SATURATED**

Notes:
TOTAL DEPTH: 20'

ENVIRONMENTAL SOIL BORE LOG

PANDEY
ENVIRONMENTAL, LLC
6277 Riverside Drive Suite 2 S
Dublin, Ohio 43017 614-444-8078

Site: Bexley- Ferndale/ Mayfield Properties	Bore ID: 948 Ferndale-SB
Date Drilled: 12/21/2022	Drill Rig: AMS Powerprobe 9410
Weather: 40's/ Overcast	Auger Diam: N/A
Co-located MW/SG: 948 Ferndale- MW	Sampler Type: Dual Tube
Location:	Logged By: JKM	Sampler Size: 4' length

Auger	Rod Depth	Soil Sampled	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description	
					X	75	saturated brown sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				18'				
					X	75	saturated brown sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**
				20'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				22'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				24'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				26'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				28'				
								Staining Present: Type: Odor Present: Type: Moisture Type:
				30'				
								Staining Present: Type: Odor Present: Type: Moisture Type:

Notes:
TOTAL DEPTH: 20'

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 940 Mayfield-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 940 Mayfield-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
	0.2	50	Organics and topsoil to ~6" Brown Clay, some silt and small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
2'	0	50	~3' black sand w some clay and brick fragments w brown clay/sand and small gravel	Staining Present: **Y** / N Type: Slight/ Black Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
4'	0.1	25	brown sand w some clay and brick fragments ~5' dark brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
6'	0	25	dark brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
8'	0.1	50	brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
10'	0.1	50	brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	SAND
12'	0	75	brown clay with some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	SAND
14'	0.1	75	changes to brown sand w/ intermittent large gravel very moist at 15.5'	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED	SAND

Notes:
Well Depth: 22' Co-located soil bore depth: 20' Screened Interval: 12-22'

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 940 Mayfield-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 940 Mayfield-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM
	Sampler Size: 4' length

Auger	Rod Depth	Soil Sample	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
					X	10	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				18'					
					X	10	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				20'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				22'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				24'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				26'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				28'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				30'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	

Notes:
Well Depth: 22' Co-located soil bore depth: 20' Screened Interval: 12-22'

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 952 Mayfield-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 952 Mayfield-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sample	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
					0	35	Organics and topsoil to ~6' loose, brown sand intermittent w/ black and orange sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
				2'	0	35	loose, brown sand intermittent w/ black and orange sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
				4'	X	X	No recovery	Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED	GROUT
				6'	X	X	No recovery	Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED	GROUT
				8'	0.1	80	brown silt, some clay more clay with depth	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
				10'	0.1	80	brown clay & some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	SAND
				12'	0.2	50	brown clay and some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	SAND
				14'	0.1	50	lighter brown clay/ sand/ small gravel mix	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED	SAND

Notes:
Well Depth: 22' Co-located soil bore depth: 20' Screened Interval: 12-22'

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 952 Mayfield-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 952 Mayfield-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sample	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
					X	60	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				18'					
					X	60	saturated brown sand and large gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				20'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				22'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				24'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				26'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				28'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				30'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	

Notes:
Well Depth: 22' Co-located soil bore depth: 20' Screened Interval: 12-22'

PANDEY ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 947-949 Ferndale-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 947-949 Ferndale-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sample	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
					0.3	25	Organics to ~6' brown clay w/ some silt and small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	
				2'	0.3	25	brown clay with some silt and small gravel some black staining	Staining Present: **Y** / N Type: slight/ black Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
				4'	X	X	No recovery	Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED	
				6'	X	X	No recovery	Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED	
				8'	0.3	50	brown clay more silt and less clay with depth	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	
				10'	0.3	50	brown sand, clay moist	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED	SAND
				12'	0.2	60	brown sand, gravel, silt wet at bottom	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / **SATURATED**	
				14'	0.9	60	dry brown sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	

Notes:
Well Depth: 20' Co-located soil bore depth: 20' Screened Interval: 10-20'

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 947-949 Ferndale-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 947-949 Ferndale-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sample	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
					X	80	Saturated sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				18'					
					X	80	Saturated sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				20'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				22'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				24'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				26'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				28'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				30'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	

Notes:
Well Depth: 20' Co-located soil bore depth: 20' Screened Interval: 10-20'

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 937 Ferndale-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 937 Ferndale-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sample	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
					0.1	40	Organics to ~6' brown clay w/ intermittent glass shards	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	
				2'	0	40	black/orange sand	Staining Present: **Y** / N Type: black foundry sand Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
				4'	0.1	20	black/orange sand	Staining Present: **Y** / N Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	
				6'	0.1	20	little recovery	Staining Present: **Y** / N Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	
				8'	0.2	60	moist brown clay w some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / **MOIST** / SATURATED	
				10'	0.2	60	limestone rock in tube	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	
				12'	0.4	50	brown sand/ silt/ intermittent limestone cobbles	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / **SATURATED**	
				14'	0.4	50	borwn sand/ silt/ intermittent limestone cobbles	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	SAND

Notes:
Well Depth: 24' Co-located soil bore depth: 24' Screened Interval: 14-24'

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 937 Ferndale-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 937 Ferndale-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sample	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
					0.3	60	sand, large gravel mix (limestone)	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	
				18'	0.3	60	sand, large gravel mix (limestone)	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	
				20'	X	99	grey saturated sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				22'	X	99	grey saturated sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				24'				Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED	
				26'				Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED	
				28'				Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED	
				30'				Staining Present: Y / N Type: Odor Present: Y / N Type: Moisture Type: DRY / MOIST / SATURATED	

Notes:
Well Depth: 24' Co-located soil bore depth: 24' Screened Interval: 14-24'

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 948 Ferndale-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 948 Ferndale-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
	0.2	45	Organics to ~6" Brown Clay w/ intermittent gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
2'	0.3	45	some black sand throughout	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
4'	0	50	soft brown clay with some silt and intermittent small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY / MOIST** / SATURATED	GROUT
6'	0	50	soft brown clay with some silt and intermittent small gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY / MOIST** / SATURATED	GROUT
8'	0.1	80	brown clay and some silt	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / SATURATED	GROUT
10'	0	80	brown clay and some silt 10-11.5' saturated	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	SAND
12'	0	80	12-12.5 - saturated sand rock around 12.5', small grey clay layer is dry 13-14 saturated brown silt and sand	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	SAND
14'	0	80	14-15.5' saturated brown silt and sand 15.5' hard, dry grey/brown clay	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: **DRY** / MOIST / **SATURATED**	SAND

Notes:
Well Depth: 20' Co-located soil bore depth: 20' Screened Interval: 10-20'

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive Suite, 205
Columbus, Ohio 43220 614-444-8078

MONITORING WELL LOG

Site: Bexley- Ferndale/ Mayfield Properties	Well ID: 948 Ferndale-MW
Date Drilled: 12/19/2022	Drill Rig: AMS Powerprobe 9410
Weather: 30's/ Clear	Auger Diam: N/A
Co-located Soil Bore: 948 Ferndale-SB	Sampler Type: Dual Tube
Location:	Logged By: JKM — Sampler Size: 4' length

Auger	Rod Depth	Soil Sample	Sample Sent	Depth	VOC (ppm)	% Recovery	Soil Description		Well Construction Details
					X	75	saturated brown sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				18'					
					X	75	saturated brown sand and gravel	Staining Present: Y / **N** Type: Odor Present: Y / **N** Type: Moisture Type: DRY / MOIST / **SATURATED**	
				20'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				22'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				24'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				26'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				28'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	
				30'					
								Staining Present: Type: Odor Present: Type: Moisture Type:	

Notes:
Well Depth: 20' Co-located soil bore depth: 20' Screened Interval: 10-20'

PANDEY
ENVIRONMENTAL, LLC

Project Name: Bexley Ferndale-Mayfield Properties - Ferndale Pl. 937

Weather: 40's, Rain

Total Well Depth: 23.8 feet

Well Number: 937 Ferndale-MW

Date: 12/22/2022

Reference: Top of PVC Riser Pipe - North Side

Water Level Measuring Device: Electronic Water Level Indicator

Immiscible Layer(s): N/A **Thickness:** N/A feet

Well Construction: 2" Sch. 40 PVC

Condition of Well: good

Purging Method: Peristaltic Pump

Sampling Method: Peristaltic Pump

Well Volume: =0.1632 gal/ft) 11.9 ft. = 1.94208 gallons 7.35157251 liters

Sample Number: 937 Ferndale-MW

Time	Volume (Liters)	Water Level (Ft from TOC)	Temp. °C	pH	Spec. Cond. mS	TDS g/L	DO mg/L	ORP mV	Turbidity (NTUs)	Color / Comments
Stabilization needed for 3 consecutive readings taken every 3-5 minutes ----->		**+/- 0.3 feet**	**+/- 0.5°c**	**+/- 0.2 units**	**+/- 3%**	**+/- 10%**	**+/- 0.2 mg/L or +/- 10%**	**+/- 20 mV**	**+/- 10% when above 10 NTUs**	
12:43	-	11.9	*(start of pumping)*							Clear
12:55	2L	12	13.68	9.39	1.11	0.709	1.5	-231	556	Slightly Turbid
1:00	3L	12	13.77	9.41	1.07	0.686	1.2	-235	397	Slightly Turbid
1:05	4.5L	12	13.79	9.42	1.06	0.678	1.07	-234	248	Clearing
1:10	6L	12	13.93	9.45	1.06	0.677	0.98	-234	177	Clearing
1:15	8L	12	13.9	9.44	1.06	0.679	0.94	-232	158	Clearing
1:20	10L	12	13.93	9.46	1.07	0.687	0.89	-229	148	Clear
**Sample Taken										

Sample Parameters: VOCs, SVOCs & Metals

Pump / Sample Collection Depth: Middle of Screen

Chain of Custody Number:

Comments:

Sampled By: DMR

PANDEY
ENVIRONMENTAL, LLC

Project Name: Bexley Ferndale-Mayfield Properties - Mayfield Pl. 940

Weather: 44F, Rain

Total Well Depth: 21.65 feet

Well Number: 940 Mayfield-MW

Date: 12/22/2022

Reference: Top of PVC Riser Pipe - North Side

Water Level Measuring Device: Electronic Water Level Indicator

Immiscible Layer(s): N/A **Thickness:** N/A feet

Well Construction: 2" Sch. 40 PVC

Condition of Well: good

Purging Method: Peristaltic Pump

Sampling Method: Peristaltic Pump

Well Volume: =0.1632 gal/ft) 9.45 ft. = 1.54224 gallons 5.83801346 liters

Sample Number: 940 Mayfield- MW

Time	Volume (Liters)	Water Level (Ft from TOC)	Temp. °C	pH	Spec. Cond. mS	TDS g/L	DO mg/L	ORP mV	Turbidity (NTUs)	Color / Comments
Stabilization needed for 3 consecutive readings taken every 3-5 minutes ----->		**+/- 0.3 feet**	**+/- 0.5°c**	**+/- 0.2 units**	**+/- 3%**	**+/- 10%**	**+/- 0.2 mg/L or +/- 10%**	**+/- 20 mV**	**+/- 10% when above 10 NTUs**	
9:03	-	12.2	*(start of pumping)*							Clear w/ consistent flow
9:10	1L	13.05	14.26	9	1.17	0.751	8.78	16	200	Clear w/ consistent flow
9:15	2L	13.65	13.92	8.99	1.21	0.772	7.13	-11	183	Clear w/ consistent flow
9:20	3L	14	14.31	9.08	1.2	0.776	5.88	-41	146	Clear w/ consistent flow
9:25	4L	14.2	13.73	9.12	1.22	0.781	4.97	-92	113	Clear w/ consistent flow
9:30	5L	14.4	13.8	9.15	1.21	0.777	3.41	-126	135	Clear w/ consistent flow
9:35	6L	14.7	13.74	9.19	1.19	0.764	3.21	-137	127	Clear w/ consistent flow
9:40	7L	14.85	13.78	9.21	1.19	0.761	3.22	-137	117	Clear w/ consistent flow
**Sample Taken										

Sample Parameters: VOCs, SVOCs & Metals

Pump / Sample Collection Depth: Middle of Screen

Chain of Custody Number:

Comments:

Sampled By: DMR

PANDEY
ENVIRONMENTAL, LLC

Project Name: Bexley Ferndale-Mayfield Properties - 947-949 Ferndale Pl.
Well Number: 947-949 Ferndale-MW
Weather: 30'sF, Overcast/Rain
Date: 12/22/2022
Total Well Depth: 19.85 feet
Reference: Top of PVC Riser Pipe - North Side
Water Level Measuring Device: Electronic Water Level Indicator
Immiscible Layer(s): N/A **Thickness:** N/A feet
Well Construction: 2" Sch. 40 PVC
Condition of Well: good
Purging Method: Peristaltic Pump
Sampling Method: Peristaltic Pump
Well Volume: =0.1632 gal/ft) 10.75 ft. = 1.7544 gallons 6.64112643 liters
Sample Number: 947-949 Ferndale-MW

Time	Volume (Liters)	Water Level (Ft from TOC)	Temp. °C	pH	Spec. Cond. µS	TDS g/L	DO mg/L	ORP mV	Turbidity (NTUs)	Color / Comments
**Stabilization needed for 3 consecutive readings taken every 3-5 minutes -----> **		**+/- 0.3 feet**	**+/- 0.5°c**	**+/- 0.2 units**	**+/- 3%**	**+/- 10%**	**+/- 0.2 mg/L or +/- 10%**	**+/- 20 mV**	**+/- 10% when above 10 NTUs**	
11:30	-	9.1	*(start of pumping)*							
11:40	1L	9.1	10.37	9.19	1.15	0.738	4.18	-206	148	Clear
11:45	2L	9.1	11.03	9.22	1.14	0.731	2.4	-232	136	Clear
11:50	2.5L	9.1	11.41	9.24	1.12	0.719	2.17	-238	156	Clear
11:55	4L	9.1	11.62	9.28	1.22	0.784	1.58	-234	144	Clear
12:00	6L	9.1	11.79	9.3	1.25	0.801	0.99	-214	111	Clear
12:05	7.5L	9.1	11.87	9.32	1.25	0.801	0.92	-207	105	Clear
12:10	9L	9.1	11.96	9.34	1.22	0.78	0.89	-201	100	Clear
**Sample Taken										

Sample Parameters: VOCs, SVOCs & Metals
Pump / Sample Collection Depth: Middle of Screen
Chain of Custody Number:

Comments:
Sampled By: DMR

PANDEY
ENVIRONMENTAL, LLC

Project Name: Bexley Ferndale-Mayfield Properties - Ferndale Pl. 948

Weather: 40's, Rain

Total Well Depth: 19.6 feet

Well Number: 948 Ferndale-MW

Date: 12/22/2022

Reference: Top of PVC Riser Pipe - North Side

Water Level Measuring Device: Electronic Water Level Indicator

Immiscible Layer(s): N/A **Thickness:** N/A feet

Well Construction: 2" Sch. 40 PVC

Condition of Well: good

Purging Method: Peristaltic Pump

Sampling Method: Peristaltic Pump

Well Volume: =0.1632 gal/ft) 11.1 ft. = 1.81152 gallons 6.85734915 liters

Sample Number: 948 Ferndale-MW

Time	Volume (Liters)	Water Level (Ft from TOC)	Temp. °C	pH	Spec. Cond. mS	TDS g/L	DO mg/L	ORP mV	Turbidity (NTUs)	Color / Comments
**Stabilization needed for 3 consecutive readings taken every 3-5 minutes -----> **		**+/- 0.3 feet**	**+/- 0.5°c**	**+/- 0.2 units**	**+/- 3%**	**+/- 10%**	**+/- 0.2 mg/L or +/- 10%**	**+/- 20 mV**	**+/- 10% when above 10 NTUs**	
2:00	-	8.5	*(start of pumping)*							Clear
2:15	1.5L	8.9	15.79	9.36	1.1	0.705	2.33	-190	204	Slightly Turbid
2:20	2L	8.7	15.91	9.38	1.1	0.702	1.62	-196	181	Slightly Turbid
2:25	4L	8.8	15.92	9.41	1.08	0.693	1.33	-202	133	Clearing
2:30	6L	8.8	15.97	9.43	1.08	0.691	1.26	-205	126	Clearing
2:35	8L	8.8	15.81	9.44	1.08	0.692	1.21	-206	118	Clear
**Sample Taken										

Sample Parameters: VOCs, SVOCs & Metals **Pump / Sample Collection Depth:** Middle of Screen **Chain of Custody Number:**

Comments:

Sampled By: DMR

PANDEY
ENVIRONMENTAL, LLC

Project Name: Bexley Ferndale-Mayfield Properties - Mayfield Pl. 952

Weather: 44F, Rain

Total Well Depth: 21.7 feet

Well Number: 952 Mayfield-MW

Date: 12/22/2022

Reference: Top of PVC Riser Pipe - North Side

Water Level Measuring Device: Electronic Water Level Indicator

Immiscible Layer(s): N/A **Thickness:** N/A feet

Well Construction: 2" Sch. 40 PVC

Condition of Well: good

Purging Method: Peristaltic Pump

Sampling Method: Peristaltic Pump

Well Volume: =0.1632 gal/ft) 10.25 ft. = 1.6728 gallons 6.33223683 liters

Sample Number: 952 Mayfield- MW

Time	Volume (Liters)	Water Level (Ft from TOC)	Temp. °C	pH	Spec. Cond. mS	TDS g/L	DO mg/L	ORP mV	Turbidity (NTUs)	Color / Comments
**Stabilization needed for 3 consecutive readings taken every 3-5 minutes -----> **		**+/- 0.3 feet**	**+/- 0.5°c**	**+/- 0.2 units**	**+/- 3%**	**+/- 10%**	**+/- 0.2 mg/L or +/- 10%**	**+/- 20 mV**	**+/- 10% when above 10 NTUs**	
10:25	-	11.45	*(start of pumping)*							Clear w/ consistent flow
10:35	1.5L	11.5	12.68	9.27	1	0.642	1.64	-155	203	Clear w/ consistent flow
10:40	2L	11.45	13.12	9.27	0.99	0.634	1.33	-171	176	Clear w/ consistent flow
10:45	3L	11.45	13.22	9.28	0.984	0.63	1.19	-178	155	Clear w/ consistent flow
10:50	4L	11.45	13.3	9.3	0.98	0.627	1.04	-183	138	Clear w/ consistent flow
10:55	5L	11.45	13.23	9.33	0.98	0.627	0.97	-187	129	Clear w/ consistent flow
**Sample Taken										

Sample Parameters: VOCs, SVOCs & Metals

Pump / Sample Collection Depth: Middle of Screen

Chain of Custody Number:

Comments:

Sampled By: DMR

PANDEY

ENVIRONMENTAL, LLC

SOIL VAPOR: SUMMA CANISTER SAMPLING

Sample ID: 937 Ferndale- SG

Site Location:	Bexley Ferndale-Mayfield Properties	Canister ID#	109214
Site Address:	934 Ferndale Place	Regulator #	109212
	Bexley, Ohio 43209		
LAT:		Ambient:	
LONG:		Sub-Slab:	
		Other:	X

Sampling Information

Sample Setup:	Date: 12/30/22	Time: 10:45	Initial Canister Vacuum:	-30
Start Time:	Date: 12/30/22	Time: 10:55	Final Canister Pressure:	-13
End Time:	Date: 12/30/22	Time: 6:39	Interior Temperature:	
Delivery:	Date: 01/03/23	Time: 4:00	Weather:	56F, Cloudy

Sub-Slab Screening Info:

PID	1.2 ppm
O_2	17.2%
CO_2	0 ppm
H_2S	0 ppm
LEL	0.30%

Meteorological Conditions

Ambient Temp:	High: 64	Low: 49
Average Wind Direction:	SSW	
Average Wind Speed (mph):	12	
Barometric Pressure (in. Hg):	30.1	
Average Humidity (%):	50	

Notes:

Sampled By: NJB

PANDEY

ENVIRONMENTAL, LLC

SOIL VAPOR: SUMMA CANISTER SAMPLING

Sample ID: 940 Mayfield-SG

Site Location:	Bexley Ferndale-Mayfield Properties	Canister ID#	109977
Site Address:	934 Ferndale Place	Regulator #	119712
	Bexley, Ohio 43209		
LAT:		Ambient:	
LONG:		Sub-Slab:	
		Other:	X

Sampling Information

Sample Setup:	Date: 12/30/22	Time: 8:30	Initial Canister Vacuum:	-29
Start Time:	Date: 12/30/22	Time: 8:45	Final Canister Pressure:	-4
End Time:	Date: 12/30/22	Time: 4:30	Interior Temperature:	
Delivery:	Date: 01/03/23	Time: 4:00	Weather:	56F, Cloudy

Sub-Slab Screening Info:

PID	0.6 ppm
O_2	19.5%
CO_2	0 ppm
H_2S	0 ppm
LEL	0.55%

Meteorological Conditions

Ambient Temp:	High: 64	Low: 49
Average Wind Direction:	SSW	
Average Wind Speed (mph):	12	
Barometric Pressure (in. Hg):	30.1	
Average Humidity (%):	50	

Notes:

Sampled By:
NJB

PANDEY

ENVIRONMENTAL, LLC

SOIL VAPOR: SUMMA CANISTER SAMPLING

Sample ID: 946 Mayfield - SG

Site Location:	Bexley Ferndale-Mayfield Properties	Canister ID#	109221
Site Address:	934 Ferndale Place	Regulator #	108984
	Bexley, Ohio 43209		
LAT:		Ambient:	
LONG:		Sub-Slab:	
		Other:	X

Sampling Information

Sample Setup:	Date: 12/30/22	Time: 9:10	Initial Canister Vacuum:	-30
Start Time:	Date: 12/30/22	Time: 9:25	Final Canister Pressure:	-10
End Time:	Date: 12/30/22	Time: 5:25	Interior Temperature:	
Delivery:	Date: 01/03/23	Time: 4:00	Weather:	56F, Cloudy

Sub-Slab Screening Info:

PID	2.1 ppm
O_2	19.9%
CO_2	0 ppm
H_2S	0 ppm
LEL	0%

Meteorological Conditions

Ambient Temp:	High: 64	Low: 49
Average Wind Direction:	SSW	
Average Wind Speed (mph):	12	
Barometric Pressure (in. Hg):	30.1	
Average Humidity (%):	50	

Notes:

Sampled By: NJB

PANDEY

ENVIRONMENTAL, LLC

SOIL VAPOR: SUMMA CANISTER SAMPLING

Sample ID: 947-949 Ferndale-SG

Site Location:	Bexley Ferndale-Mayfield Properties	Canister ID#	120039
Site Address:	934 Ferndale Place	Regulator #	119047
	Bexley, Ohio 43209		
LAT:		Ambient:	
LONG:		Sub-Slab:	
		Other:	X

Sampling Information

Sample Setup:	Date: 12/30/22	Time: 9:25	Initial Canister Vacuum:	-30
Start Time:	Date: 12/30/22	Time: 9:40	Final Canister Pressure:	-8
End Time:	Date: 12/30/22	Time: 5:29	Interior Temperature:	
Delivery:	Date: 01/03/23	Time: 4:00	Weather:	56F, Cloudy

Sub-Slab Screening Info:

PID	2.4 ppm
O_2	17.6%
CO_2	0 ppm
H_2S	0 ppm
LEL	0%

Meteorological Conditions

Ambient Temp:	High: 64	Low: 49
Average Wind Direction:	SSW	
Average Wind Speed (mph):	12	
Barometric Pressure (in. Hg):	30.1	
Average Humidity (%):	50	

Notes:

Sampled By:

NJB

PANDEY

ENVIRONMENTAL, LLC

SOIL VAPOR: SUMMA CANISTER SAMPLING

Sample ID: 948 Ferndale-SG

Site Location:	Bexley Ferndale-Mayfield Properties	Canister ID#	108492
Site Address:	934 Ferndale Place	Regulator #	119613
	Bexley, Ohio 43209		
LAT:		Ambient:	
LONG:		Sub-Slab:	
		Other:	X

Sampling Information

Sample Setup:	Date: 12/30/22	Time: 10:00	Initial Canister Vacuum:	-29
Start Time:	Date: 12/30/22	Time: 10:15	Final Canister Pressure:	-9
End Time:	Date: 12/30/22	Time: 6:07	Interior Temperature:	
Delivery:	Date: 01/03/23	Time: 4:00	Weather:	56F, Cloudy

Sub-Slab Screening Info:

PID	2.4 ppm
O_2	17.9%
CO_2	0 ppm
H_2S	0 ppm
LEL	0.25%

Meteorological Conditions

Ambient Temp:	High: 64	Low: 49
Average Wind Direction:	SSW	
Average Wind Speed (mph):	12	
Barometric Pressure (in. Hg):	30.1	
Average Humidity (%):	50	

Notes:

Sampled By:
NJB

PANDEY

ENVIRONMENTAL, LLC

SOIL VAPOR: SUMMA CANISTER SAMPLING

Sample ID: 950-956 Ferndale-SG

Site Location:	Bexley Ferndale-Mayfield Properties	Canister ID#	109957
Site Address:	934 Ferndale Place	Regulator #	119015
	Bexley, Ohio 43209		
LAT:		Ambient:	
LONG:		Sub-Slab:	
		Other:	X

Sampling Information

Sample Setup:	Date: 12/30/22	Time: 10:30	Initial Canister Vacuum:	-30
Start Time:	Date: 12/30/22	Time: 10:45	Final Canister Pressure:	-12
End Time:	Date: 12/30/22	Time: 6:28	Interior Temperature:	
Delivery:	Date: 01/03/23	Time: 4:00	Weather:	56F, Cloudy

Sub-Slab Screening Info:

PID	0.6 ppm
O_2	18.8%
CO_2	0 ppm
H_2S	0 ppm
LEL	0.25%

Meteorological Conditions

Ambient Temp:	High: 64	Low: 49
Average Wind Direction:	SSW	
Average Wind Speed (mph):	12	
Barometric Pressure (in. Hg):	30.1	
Average Humidity (%):	50	

Notes:

Sampled By:

NOV

PANDEY

ENVIRONMENTAL, LLC

SOIL VAPOR: SUMMA CANISTER SAMPLING

Sample ID: 953-955 Ferndale-SG

Site Location:	Bexley Ferndale-Mayfield Properties	Canister ID#	101802
Site Address:	934 Ferndale Place	Regulator #	109481
	Bexley, Ohio 43209		
LAT:		Ambient:	
LONG:		Sub-Slab:	
		Other:	X

Sampling Information

Sample Setup:	Date: 12/30/22	Time: 9:50	Initial Canister Vacuum:	-30
Start Time:	Date: 12/30/22	Time: 10:00	Final Canister Pressure:	-11
End Time:	Date: 12/30/22	Time: 5:47	Interior Temperature:	
Delivery:	Date: 01/03/23	Time: 4:00	Weather:	56 F, Clear

Sub-Slab Screening Info:

PID	0.5 ppm
O_2	19.2%
CO_2	0 ppm
H_2S	0 ppm
LEL	0%

Meteorological Conditions

Ambient Temp:	High: 64	Low: 49
Average Wind Direction:	SSW	
Average Wind Speed (mph):	12	
Barometric Pressure (in. Hg):	30.1	
Average Humidity (%):	50	

Notes:

Sampled By:

NJB

PANDEY

ENVIRONMENTAL, LLC

SOIL VAPOR: SUMMA CANISTER SAMPLING

Sample ID: 952 Mayfield - SV

Site Location:	Bexley Ferndale-Mayfield Properties	Canister ID#	109987
Site Address:	934 Ferndale Place	Regulator #	109044
	Bexley, Ohio 43209		
LAT:		Ambient:	
LONG:		Sub-Slab:	X
		Other:	

Sampling Information

Sample Setup:	Date: 01/04/23	Time: 7:30	Initial Canister Vacuum:	-30
Start Time:	Date: 01/04/23	Time: 7:45	Final Canister Pressure:	-5
End Time:	Date: 01/04/23	Time: 3:54	Interior Temperature:	~60
Delivery:	Date: 01/04/23	Time: 6:00	Weather:	56F, Cloudy/ Rain

Sub-Slab Screening Info:

PID	0 ppm
O_2	20.9%
CO_2	0 ppm
H_2S	0 ppm
LEL	0%

Meteorological Conditions

Ambient Temp:	High: 61	Low: 35
Average Wind Direction:	SE	
Average Wind Speed (mph):	8	
Barometric Pressure (in. Hg):	29.73	
Average Humidity (%):	96	

Notes:

Sampled By: NJB

PANDEY

ENVIRONMENTAL, LLC

Vapor point Sreening Values

Site: Ferndale-Mayfield **Date:** 1/3/2023 **Personnel: NB**

Point ID	PID Reading	4-gas readings			
		Oxy	CO	H2S	LEL
940 Mayfield-SG	0.6 ppm	19.50%	0 ppm	0 ppm	0.55%
946 Mayfield-SG	2.1 ppm	19.90%	0 ppm	0 ppm	0%
937 Ferndale-SG	1.2 ppm	17.20%	0 ppm	0 ppm	0.30%
947-949 Ferndale-SG	2.4 ppm	17.60%	0 ppm	0 ppm	0%
948 Ferndale-SG	2.4 ppm	17.90%	0 ppm	0 ppm	0.25%
950-956 Ferndale-SG	0.6 ppm	18.80%	0 ppm	0 ppm	0.25%
953-955 Ferndale-SG	0.5 ppm	19.20%	0 ppm	0 ppm	0%
952 Mayfield-SV	0 ppm	20.90%	0 ppm	0 ppm	0%
930 Mayfield-SV	-	-	-	-	-

Weather Conditions: Cloudy / rain Temperature 56°F

Other Significant Observations:

PANDEY

ENVIRONMENTAL, LLC

Vapor point Sreening Values

Site: Ferndale-Mayfield **Date:** 1/16/2023 **Personnel: NB**

Point ID	PID Reading	4-gas readings			
		Oxy	CO	H2S	LEL
940 Mayfield-SG	0.2 ppm	19.70%	0 ppm	0 ppm	0%
946 Mayfield-SG	0.7 ppm	19.60%	0 ppm	0 ppm	0%
937 Ferndale-SG	0.5 ppm	17.80%	0 ppm	0 ppm	0%
947-949 Ferndale-SG	1.1 ppm	18.10%	0 ppm	0 ppm	0%
948 Ferndale-SG	0.6 ppm	17.50%	0 ppm	0 ppm	0%
950-956 Ferndale-SG	0.5 ppm	18.30%	0 ppm	0 ppm	0%
953-955 Ferndale-SG	0.1 ppm	19.90%	0 ppm	0 ppm	0%
952 Mayfield-SV	-	-	-	-	-
930 Mayfield-SV	-	-	-	-	-

Weather Conditions: Overcast Temperature 36°F

Other Significant Observations:

PANDEY

ENVIRONMENTAL, LLC

Monitoring Well Water Level Elevations

Site: Bexley- Ferndale/Mayfield 9 Parcels **Date: 12/22/2022** **Personnel: DMR**

Well Number	Rod Reading	Elevation of Well (TOC)	Depth to Water	Groundwater Elevation
952 Mayfield-MW	6.74	99.48	11.45	88.03
937 Ferndale-MW	6.22	100	11.9	88.1
940 Mayfield- MW	5.92	100.3	12.2	88.1
947-949 Ferndale-MW	9.1	97.12	9.1	88.02
948 Ferndale-MW	9.66	96.56	8.5	88.06

Measurement Reference Point From Top of Casing

Weather Conditions: Rain Temperature: 44 F

Other Significant Observations: N/A

APPENDIX C
RESUMES OF ENVIRONMENTAL PROFESSIONALS

Atul Pandey, P.E., C.P., M.S.

President

Mr. Pandey is the President and CEO of PANDEY Environmental, LLC. His area of expertise includes site assessment, remediation, brownfield redevelopment, and urban conservation. Mr. Pandey has more than 20 years of experience performing Phase I, II, and III site assessments, underground storage tank removals, closure, assessment, and corrective action, RCRA closures and corrective actions, Ohio EPA Voluntary Action Program No Further Action Letters, Clean Ohio Fund Site Assessments and general site assessment and remediation tasks. Clients have included municipalities, federal and state agencies, commercial and industrial realtors, bankers, insurance companies and real estate developers.

Mr. Pandey has worked for Ohio EPA, where he developed the Ohio EPA VAP Generic Leaching Guidance Document used by the Voluntary Action Program. He also worked in Ohio EPA's Southwest District Office of Division of Solid and Infectious Waste Management, located in Dayton, Ohio.

Prior to forming PANDEY Environmental, LLC in 2002, Mr. Pandey technically and administratively supervised a multi-disciplinary team of seven professionals at a private consulting firm. Projects included Phase I and II environmental site assessments, underground storage tank closures, corrective actions, risk assessments, RCRA closures and corrective actions, landfill groundwater monitoring and assessment programs, and Voluntary Action Program projects.

Mr. Pandey has also authored multiple publications.

EDUCATION:

University of Cincinnati, Ohio
Master of Science in Environmental Engineering, 1993
Thesis Title: Effect of Swelling Percentages on the Shear Strength of Compacted Clay Liners

University of Delhi, India
Bachelor of Science in Civil Engineering, 1991
Emphasis: Environmental Engineering

CERTIFICATIONS

- Registered Professional Engineer, States of Ohio and South Carolina, Environmental Engineering
- State of Ohio Voluntary Action Program, Certified Professional, Certification #CP224
- Qualified as an Environmental Professional under "All Appropriate Inquires" (AAI) Rule
- 40 hour HAZWOPER certified (29 CFR 1910.120)

CAREER HIGHLIGHTS/ACCOMPLISHMENTS

- Issued twenty-one (21) VAP NFA letters, twenty (20) of which have received Covenants Not to Sue (one NFA was recently issued and the CNS is pending Ohio EPA review).
- Prepared five (5) successful Urban Setting Designation Requests.

- Authored Ohio EPA VAP Generic Leaching Guidance Document; this document is currently being used in the state of Ohio by VAP Certified Professionals as a standard to evaluate leaching of vadose zone contaminants under VAP and RCRA programs.
- Selected by the Ohio EPA in April 2005 to represent all Ohio EPA Certified Professionals (Brownfield Licensed Professionals) to the Hazardous Waste division of the Ohio EPA. This prestigious recognition was made due to extensive experience with multiple programs of the Ohio EPA including the Voluntary Action Program (Brownfields Program), and programs under the Division of Hazardous Waste and the Division of Solid Waste.

PROFESSIONAL EXPERIENCE

10/02 to present *President, PANDEY Environmental, LLC*

Mr. Pandey founded PANDEY Environmental, LLC to provide fast, reliable, and expert environmental site assessment services to commercial and industrial clients at a competitive price. Services provided by the consulting company include but are not limited to Phase I, II Environmental Site Assessments, Underground Storage Tank Removal, Closure, and Corrective Action, Voluntary Action Program Site Assessments, Clean Ohio Fund Application Preparation and Site Assessments, Expert Witness Services, Risk Assessment Services, Fate and Transport Modeling, and VAP Certified Professional Services.

11/98 to 9/02 *Vice President/Senior Engineer, Smalley & Associates, Inc.*

Duties and responsibilities included supervising a multi-disciplinary team of 7 professionals that were involved in various projects ranging from Phase I and II environmental site assessment, underground storage tank closure, corrective action, and risk assessment, RCRA closures and corrective action, landfill groundwater monitoring and assessment programs, and Voluntary Action Program projects; Also responsible for professional development of these individuals.

Duties also included managing the operations of a full service Ohio EPA VAP certified analytical laboratory and drilling crew. Additional responsibilities included business development and client interface for Ohio VAP and RCRA projects.

In this position, issued eleven (11) No Further Action letters under Voluntary Action Program to Ohio EPA for the following properties; all of these properties have successfully obtained VAP Covenants Not to Sue.

11/96 to 11/98 *Environmental Engineer, Ohio EPA Voluntary Action Program*

General responsibilities included assessment of No Further Action Letters prepared by Certified Professionals conducting voluntary actions at properties with hazardous substances and petroleum contamination; determining RCRA corrective action eligibility of the properties for the Voluntary Action Program, and assessing leaching of petroleum constituents and other contaminants; providing technical assistance to Certified Professionals, volunteers, and other parties interested in voluntary action; managing field audits of properties that have received Covenants Not to Sue.

At the Ohio EPA's Division of Solid and Infectious Waste Management, general responsibilities included reviewing and evaluating Permit to Install applications and detail plans for all types of solid and

infectious waste facilities making recommendations for approval or denial; directing the inspectors in conducting the solid waste compliance monitoring program; providing technical assistance to local governments , citizens, industry, and others regarding solid and infectious waste management; also spoke at public meetings on solid waste permitting issues.

1/92 to 11/96 Project Engineer, Science Applications International Corporation

Responsibilities as a project engineer included project management and team support, budget control, report preparation, negotiations with state and federal regulatory agencies, vendor and consultant oversight, and working on site remediation and compliance issues. Select project experience includes:

- Identified, screened, and evaluated remedial technologies for RCRA CMS or CERCLA RI/FS; conducted the same for four solid waste management units at Portsmouth US DOE site with soil and/or groundwater contamination; also negotiated corrective action scope with regulatory agencies and co-authored the CMS reports.
- Managed and supervised a $500,000 contract for conducting a pilot scale treatability study of measuring enhancements to groundwater flow using an innovative technology (pneumatic fracturing) ; developed work plan, support plans (HSP, QAPjP, SAP), and summary report.
- Managed a $200,000 project dealing with a field and laboratory investigation to establish adsorptive and natural attenuation characteristics at a superfund site.
- Developed a database to facilitate air emissions reporting and permitting for over 250 sources in accordance with Title V requirements of the Clean Air Act for a synthetic organic chemical manufacturer in southern Ohio; created data architecture, conducted the beta-test on the database software, and created chemical process-specific user's guides.
- Facilitated compliance with RCRA Subtitle CC regulations at a chemical manufacturer's facility; also prepared the SARA 313, fee emission, and Title V reports for the facility.
- Served as Technical Advisor to the State of Ohio, Environmental Protection Agency's modeling subgroup of the generic standards subcommittee charged with the development of generic deep soil cleanup levels across the state in accordance with the requirements of Senate Bill 221 (Brownfields); conducted all of the modeling on this project using an unsaturated soil zone leaching model (SESOIL); also authored the associated technical guidance documents.
- Constructed and calibrated groundwater flow models using MAGNAS3 and FRAC3DVS codes for groundwater plumes at the US DOE site; evaluated remedial alternatives with these models.

PUBLICATIONS

Pandey, A., Hetrick, D.M., and Khan, A., Innovative Approach Proposed for Evaluating Risks due to Soil Contamination, SESOIL - A Decade, Amherst Scientific Publishers, 1996.

Pandey, A., Cherry, E., Steigerwald, V., and Pickrel, C., Groundwater Protection and Soil Remediation, Fifth Annual Business and Industry's Environmental Symposium - Conference Proceedings, Cincinnati, 1996.

Pandey, A. et al., Innovative Approach Developed for Deriving Leach-Based Soil Cleanup Values Protective of Groundwater, 12th Annual Conference on Contaminated Soils, University of Massachusetts at Amherst, 1997.

Hetrick, D. and Pandey, A., A methodology for establishing cleanup objectives in the saturated soil zone using sensitivity and uncertainty analysis for chemical fate and transport, Journal of Soil Contamination, 8(5):559-576, 1999

ENGINEERING & MODELING SOFTWARE

Proficient with a wide range of environmental modeling software including MODFLOW, MAGNAS3, FRAC3DVS, MT3D, SAS, SURFER, GeoEAS, HELP, SESOIL, CHEMFLO, VLEACH, RITZ, PESTAN, Summers, AT123D, EnCompass, GARDS, SIMS, HonRuler, TANKS, and STARSHIP (Title V); advanced knowledge of Microsoft EXCEL and SURFER programs.

Also taught 3-day modeling course entitled “Application of SESOIL in Ohio EPA’s Voluntary Action Program” in June, 1999 to Certified Professionals and other consultants.

Jason Martin

Project Manager

Mr. Martin manages Phase I and II investigations, remediation, negotiations with subcontractors, and grant preparations. He also works as a hydrogeologist conducting and overseeing Brownfield assessments, Phase I and II investigations, UST removals and investigations, landfill monitoring, statistical analyses, remedial activities, environmental impact studies and asbestos surveys.

EDUCATION:

Youngstown State University, Youngstown, Ohio
Bachelor of Arts, Major in Geology; Minor in Religious Studies, 2005

SPECIALIZED TRAINING/ PROFESSIONAL AFFILIATIONS:

- Qualified as an Environmental Professional under "All Appropriate Inquires" (AAI) Rule
- 40 Hour OSHA HAZWOPER Training
- 8 Hour OSHA HAZWOPER Supervisor Training
- Ohio EPA Certified Professional (CP) Initial Training
- Ohio EPA Vapor Intrusion Training
- Ohio EPA Groundwater Sampling Training
- Ohio EPA Soil Sampling Training

CAREER HIGHLIGHTS/ACCOMPLISHMENTS

- Provided assistance in project management and field work on the Gowdy Field project that was granted the Phoenix Award for EPA Region 5 in April of 2011 for recognition of excellence in brownfield redevelopment.
- Worked on 21 sites under the Ohio Voluntary Action Program (VAP), 10 of which subsequently pursued a No Further Action Letter (NFA). Work included Phase I and II Environmental Site Assessments, risk assessment, demonstration of background levels, contaminant transport modeling, site specific remediation, and No Further Action Letter issuances.
- Assumed project management responsibilities on a former landfill site that required the installation of a clay cap, an active and passive gas extraction system, a vapor barrier under the building pad, issuance of a No Further Action Letter, and continued operation and maintenance on site that includes continual monitoring of landfill gas sensors, quarterly calibration of gas sensors, and routine inspection of clay cap integrity and individual gas extraction wells.
- Participated in the design and installation of a sub-slab vapor venting system and continued monitoring of multiple geotextile vapor barriers with spray-on sealant at a mixed-use site contaminated with solvents. Monitoring activities include quarterly air samples at vent stacks and analyzing of data to ensure the efficacy of the vapor barrier installation.
- Participated in the design, installation, and ongoing implementation of an automated soil vapor extraction system at a site contaminated with solvents. Included the measurement of vacuum influence at various sub-slab vapor pin and soil gas sampling points near extraction wells to determine system efficacy.

- Participated in the design, installation, and implementation of a vapor mitigation system in a private residence impacted by trichloroethene vapor intrusion.
- Provided oversight for the decommissioning of sludge lagoons that included the development and implementation of a site specific Storm Water Pollution Prevention Plan (SWP3).
- Developed a site specific Storm Water Pollution Prevention Plan (SWP3) for a site residing within and adjacent to federally designated wetlands.
- Performed sampling of potentially hazardous materials contained within storage bins in a building utilized for historic glass manufacturing.
- Provided assistance to asbestos abatement oversight on 2 projects under the Ohio Voluntary Action Program (VAP) with Clean Ohio funds.
- Completed Area Wide Assessments to identify brownfields in a community that produced multiple Phase I and Phase II environmental site assessments.
- Participated in or completed multiple Phase I environmental site assessments following ASTM and/or VAP guidelines.
- Participated in or completed multiple Phase II environmental site assessments following ASTM and/or VAP guidelines.
- Participated in the preparation of several requests for proposals and qualifications on projects that required creative techniques to acquire funding for the perpetuation of the project.
- Provided oversight of removal of Underground Storage Tanks, associated testing for environmental contamination, and preparation of appropriate closure reports to the Bureau of Underground Storage Tanks and Regulations (BUSTR); all of which have been awarded a No Further Action (NFA) letter.
- Provided oversight and reporting during a BUSTR Tier 1 investigation and aided in the development of Tier 2 investigation plan that included a full evaluation of exposure pathways, development of Site –Specific Target Levels (SSTL), and transport modeling of chemicals of concern at a former rural gas station.
- Participated in award of task order contract to perform monitoring well maintenance for the US Navy at the Naval Weapons Station in Charleston, SC.
- Performed on site supervision at the Naval Weapons Station in Charleston, SC. of miscellaneous monitoring well maintenance activities including: the installation of 141 protective bollards, scrape and re-paint 27 protective bollards and 17 well casings, repair/replaced 8 well casings, updated and installed 185 well information tags, and abandonment of 2 monitoring wells and 1 deep drinking water well.
- Performed on site monitoring well sampling at the Naval Weapons Station in Charleston, SC. which required the collection of samples at 52 monitoring wells across the base.
- Designed and implemented an in-situ remediation plan on a former industrial plant contaminated with tetrachloroethene, trichloroethene, and vinyl chloride using bioaugmentation cultures in conjunction with vegetable oil as a food source in well injections to degrade high concentrations of contaminants.
- Implemented an in-situ remediation plan on a former industrial plant contaminated with tetrachloroethene, trichloroethene, and vinyl chloride using sodium permanganate well injections as an oxidizing agent.

- Implemented an in-situ remediation plan on a lumber yard contaminated with a creosote spill using potassium permanganate slurry as an oxidizing agent.
- Implemented an in-situ remediation plan on a former rail yard contaminated with carbon tetrachloride using 3-D Microemulsion (3DMe) as an anaerobic treatment.
- Implemented a Spill Prevention Control and Countermeasures (SPCC) plan at the Time Warner Regional Headquarters in Columbus, Ohio that involves monthly inspections and yearly training of on-site and associated personnel.
- Designed and implemented a test pit excavation strategy to define the depth and extent of buried construction and demolition (C&D) debris and gypsum for the purpose of minimizing mass excavation costs at a former transfer and storage facility.
- Prepared future verifications of an Urban Setting Designation (USD) for the entire City of Cleveland.
- Prepared the first Urban Setting Designation (USD) awarded at a property within the City of Newark, Ohio.
- Performed a Housing and Urban Development (HUD) 24 CFR Part 58 Environmental Assessment on a city owned property in Chillicothe, OH that is also on the National Wetlands Inventory list.
- Performed an Ohio Historic Preservation Office Section 106 Resource Protection and Review on a loft style apartment construction project near downtown Columbus. This project also included the implementation and oversight of a complete archeological survey.
- Participated in the statistical determination of background levels on a site with arsenic levels exceeding regulatory guidelines. Successfully demonstrated that these levels were naturally occurring and not a result of activities on the site, thus negating the need for risk assessment and costly cleanup.
- Participated in a statistical evaluation of historic concentrations of manganese at a closed landfill in an effort to develop site-specific action levels to comply with new U.S. EPA health advisory drinking water standards.
- Participated in Phase I, Phase II, and data collection / organization activities for submission into the Clean Ohio Revitalization Fund program for multiple projects.
- Performed explosive gas monitoring at a historic city landfill that is within its long-term monitoring closure process.
- Performed investigative research into the origins and transport behavior of soil gas contamination through public utility channels at a site contaminated with chlorinated solvents. Responsibilities included conducting volatile component inventories and indoor air sampling at private residences.
- Provided oversight on various soil excavation projects that included the removal and backfill of incinerator ash waste from an active hospital site.
- Proficient in the use of the following field equipment: Soil vapor pin installation, SUMMA canister soil gas and air sampling, peristaltic pump, bladder pump, inertia pump, flow though sonde active groundwater parameter monitoring, various groundwater parameter sampling equipment (i.e. turbidimeter, conductivity/temperature/pH meter), Photo Ionization Detector (PID), Multi-gas meter, bailer groundwater sampling, oil skimming using the Abanaki PetroXtractor, Laser Level for monitoring well and groundwater elevations.

PROFESSIONAL EXPERIENCE

5/15 to Present *Project Manager, PANDEY Environmental, LLC*

Current responsibilities include management of a wide variety of projects including Site Assessments, US EPA Brownfield Assessment Grants, VAP and ASTM Phase I and Phase II Site Assessments, Human Health Risk Assessments, Fate and Transport Modeling, Soil Vapor Extraction System Design and Implementation, Groundwater Injection System Design and Implementation, Landfill Gas Monitoring and Abatement, Groundwater Monitoring System Design and Monitoring, Quality Assurance Project Plans, Health and Safety Plans, Sampling and Analysis Plans, and Groundwater Modeling and Natural Attenuation Projects. He also assists with sales and marketing activities. Additional responsibilities include training and management of employees, and negotiating and approving subcontractor services and associated fees.

9/07 to 5/15 *Environmental Scientist, PANDEY Environmental, LLC*

Duties include conducting ASTM E1527 and VAP Phase I and II Property assessments, environmental sampling, and supervising subcontractors utilized for site investigation and remediation activities.

Specific activities include soil boring, monitoring well, and gas extraction well installations, soil excavations, demolition oversight, skimming oil from groundwater, vapor barrier installations, active and passive gas extraction systems (hazardous gas, hydrogen sulfide and methane), gas monitoring sensor installations and maintenance, underground storage tank removals, in-site groundwater remedial injections, risk assessment and modeling, and soil gas sampling.

Other duties include Spill Prevention Control and Countermeasures (SPCC) plan implementation and monthly SPCC inspections, preparation of figures and maps using Auto CAD and GIS, and preparation of plans and reports.

ENGINEERING & MODELING SOFTWARE

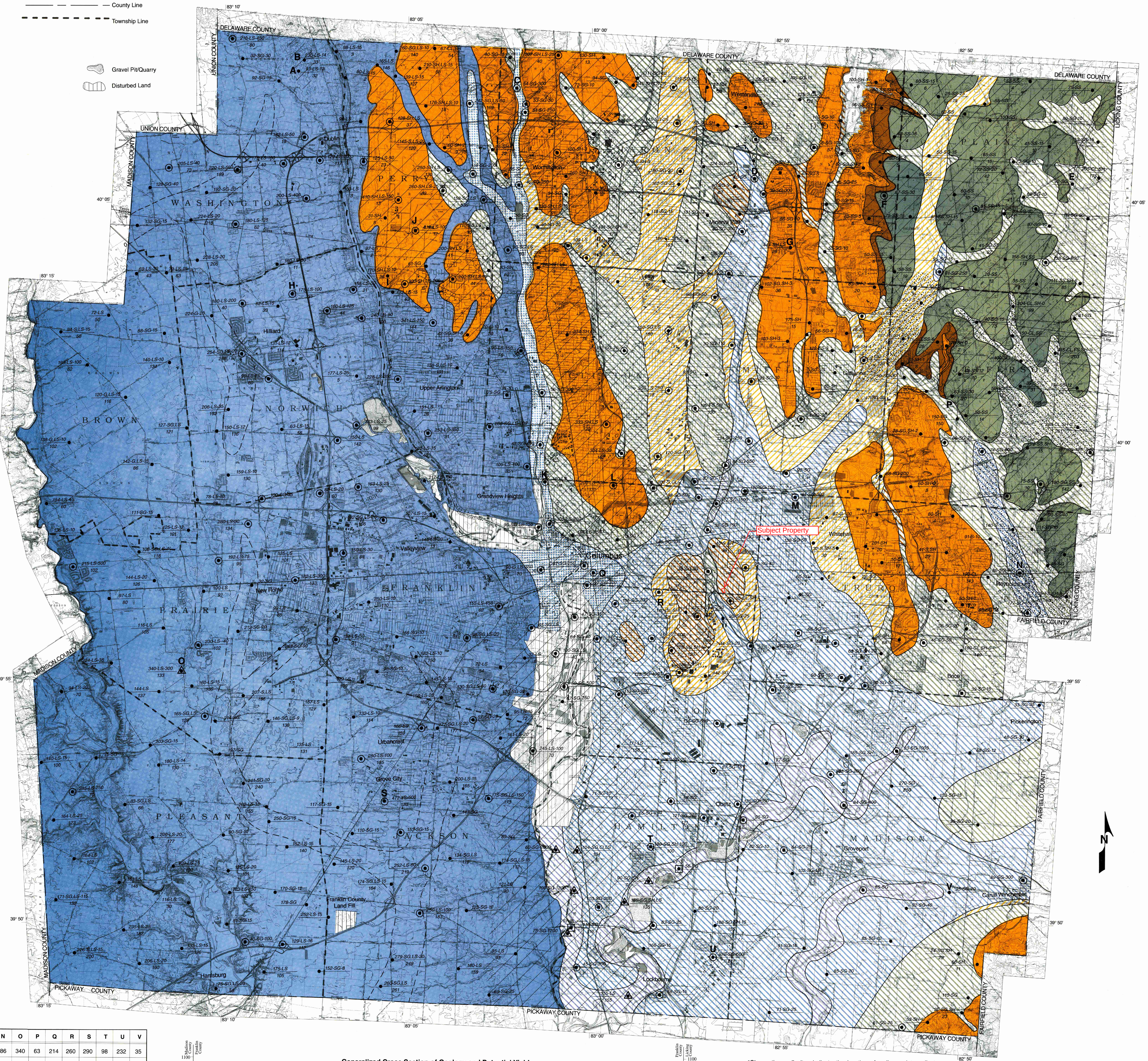
Knowledge of Microsoft Office (including Word, Outlook, Excel, PowerPoint) and Microsoft Access database management. Usage of GIS (ESRI ArcMap) and topographic map generation software. Experience with Vapor Intrusion Screening Level (VISL) calculator, topographic software, Pro UCL calculation software, Seasonal Soil compartment model (SESOIL) for water, sediment, and pollutant transport, 2017 BUSTR-Screen Evaluation modeling, and AutoCAD software.

APPENDIX D
GROUNDWATER RESOURCES MAP AND ODNR WATER WELL LOGS

Ground Water Resources of FRANKLIN COUNTY

by
James J. Schmidt

CONTOUR INTERVAL 10 FEET



Well Yields

AREAS IN WHICH YIELDS OF 500 TO 1000 OR MORE GALLONS PER MINUTE MAY BE DEVELOPED.

Areas having greatest potential for development of municipal and industrial ground water supplies. Extensive test drilling necessary to locate relatively thick, permeable deposits at depths ranging from 60 to 115 feet. Yields in excess of 1000 gallons per minute developed from large diameter wells.

AREAS IN WHICH YIELDS OF 100 TO 500 GALLONS PER MINUTE MAY BE DEVELOPED.

Limestone–dolomite bedrock is the principal source of supply in the western third of the county. Yields of as much as 250 gallons per minute are developed at depths of less than 300 feet, with greater yields but usually poorer quality at depths of more than 400 feet. Domestic and small industrial supplies of 15 to 25 gallons per minute are available at depths of 65 to 175 feet. Overlying glacial deposits of sand and gravel may yield as much as 20 gallons per minute at depths of about 90 feet.

Regionally extensive, thick, permeable deposits of sand and gravel may yield as much as 500 gallons per minute to large diameter screened wells. Extensive test drilling is recommended to locate coarse deposits at depths of 30 to 200 feet. Bedrock is non-water-bearing shale.

Ground water is obtained from permeable sand and gravel deposits overlaying limestone bedrock. Wells may be developed at depths of 50 to 120 feet or developed in the bedrock at depths of 225 feet to yield as much as 350 gallons per minute.

AREAS IN WHICH YIELDS OF 25 TO 100 GALLONS PER MINUTE MAY BE DEVELOPED.

Lenses of sand and gravel thinly scattered in the thin to thick layers of clayey till which overlies non-water-bearing Mississippian or Devonian shale. Properly constructed screened wells may yield 25 to 100 gallons per minute at average depths of 80 to 135 feet, but ranging in depth to 225.

AREAS IN WHICH YIELDS OF 5 TO 25 GALLONS PER MINUTE MAY BE DEVELOPED.

Ground water supplies developed at depths of 60 to 75 feet in the Mississippian sandstone or sandstone and shale bedrock. Yields seldom exceed 20 gallons per minute, although exceptional yields to large diameter wells have exceeded 100 gallons per minute at depths of about 170 feet.

Thin lenses of sand and gravel sparsely interbedded in thick deposits of clayey till. Yields of 5 to 25 gallons per minute may be developed at depths of 25 to more than 150 feet. Exceptional yields are logged at depths of 130 feet. Thick deposits of fine sand and silty clay often prevent the development of domestic supplies at depths of 200 to 300 feet. Wells in Perry Township not encountering a usable aquifer in the glacial deposits may obtain a ground water supply from the limestone bedrock which occurs at depths of 110 to 260 feet below the surface.

AREAS IN WHICH YIELDS OF 3 TO 10 GALLONS PER MINUTE MAY BE DEVELOPED.

Basal portion of shaley sandstone fringe zone of the Berea sandstone yields 4 to 6 gallons per minute from a very limited area at depths of less than 65 feet.

Very limited and often quite shallow glacial deposits of sand and gravel overlying shale bedrock of eroded ancestral drainage channel. Potential yields may not exceed 5 gallons per minute at depths of 15 to 35 feet.

AREAS IN WHICH YIELDS OF LESS THAN 2 GALLONS PER MINUTE MAY BE DEVELOPED.

Devonian and Mississippian shale bedrock yields less than 2 gallons per minute at depths of less than 100 feet. Occasionally, thin lenses of sand and gravel may be encountered near the surface of the weathered shale at depths of 18 to 45 feet and yield as much as 5 gallons per minute. If sand and gravel is not present, home owners rely upon cisterns and additional storage to develop a supply for peak demand. Devonian limestone beneath the shale in Perry and Sharon Townships yield larger supplies. Proper well construction may deter presence of hydrogen sulfide.

Areas which may contain hydrogen sulfide in the limestone bedrock and Berea sandstone. Ground water in the limestone bedrock may also be highly mineralized; however, this water is potable and free of excessive chlorides.

Ancestral buried bedrock channels partially filled with clay and sand and gravel as much as 260 feet overlying limestone bedrock.

Relatively thick lenses of fine silty sand in buried valley deposits.

Well Site Symbols

WELL INFORMATION
(SEE NOTE)

DEPTH (ft.) Total depth of well in feet.
AQUIFER TYPE Water-bearing formation
YIELD (gpm) Amount of water a well produces in gallons per minute.
75-SS-20 / 26
WELL SITE Approximate well location
DEPTH TO BEDROCK (ft.) Depth to bedrock in feet.

WELL TYPES

- Well Site
- Municipal-Industrial Well
- Observation Well Site *
- Test Well**
- A Chemical Analyses

AQUIFER TYPES

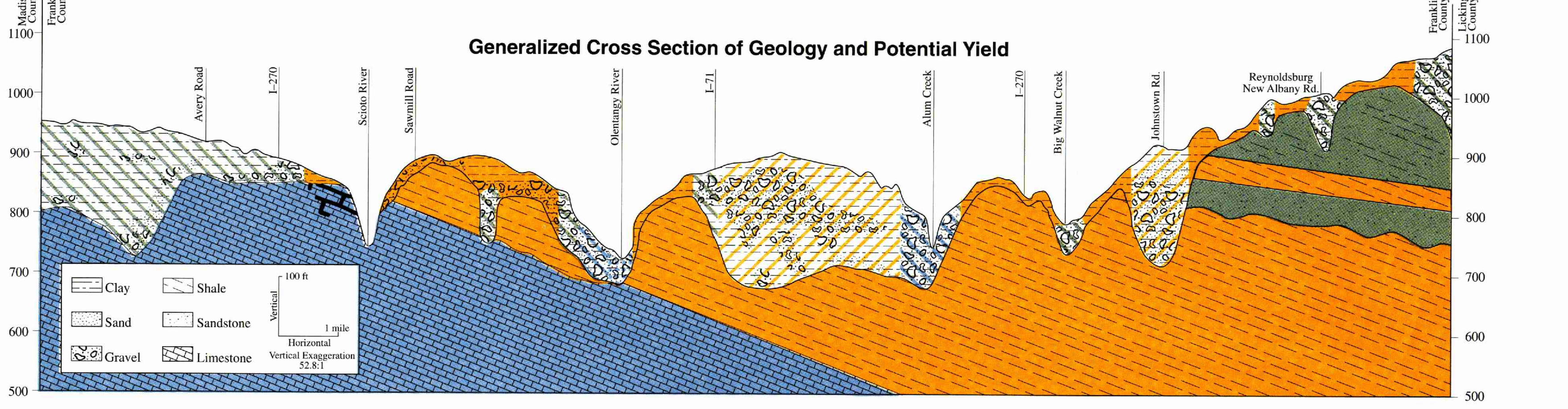
S – Sand
G – Gravel
SG – Sand & Gravel
SS – Sandstone
SH – Shale
LS – Limestone
CL – Clay
FS – Fine Sand

Chemical Analysis Table

Well Site	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
Depth	93	230	–	40	92	67	444	175	211	175	180	400	81	86	340	63	214	260	290	98	232	35
Aquifer	LS	LS	S&G	S&G	–	SS	LS	LS	LS	LS	LS	LS	S&G	S&G	LS	SS	LS	LS	LS	S&G	S&G	S&G
Iron	6.1	2.7	5.8	3.0	4.0	2.8	.04	.55	.59	3.6	.58	.77	2.4	4.2	1.0	.39	1.6	1.2	–	2.9	1.9	.75
Hardness as CaCO3	1930	1500	574	452	501	279	2090	443	317	384	530	1730	390	560	620	528	925	1305	745	316	390	302
Dissolved Solids	–	–	–	600	591	364	4950	500	595	519	662	2462	425	740	831	718	1428	1716	986	354	434	390
Sulfate	1520	870	–	155	116	98	1180	102	85	124	229	1451	50	–	400	250	594	942	520	53	28	24
Chloride	–	12	36	21	2.5	4.3	1820	2.0	11	3.0	14	45	7.5	77	1.7	5.2	137	38	5.0	2.4	6.0	2.8
Fluoride	–	–	–	.4	.6	.3	.9	1.1	1.0	2.1	1.1	1.8	.5	.2	1.8	.2	.5	1.4	.6	.1	.4	1.4
Hydrogen Sulfide	–	–	–	–	–	Trace	–	–	1.7	–	–	.7	–	–	–	3.4	3.0	22	–	–	–	–

Chemical constituents as milligrams per liter (mg/l)
A– casing set @ 36 feet.
B– casing set @ 175 feet. (thru Columbus Limestone)
G– sodium 967

Generalized Cross Section of Geology and Potential Yield



*Observation well sites indicate the location of wells used to collect ground water level information. These wells are part of the state observation well network. Hydrographs of the water levels recorded in these and other State observation wells can be obtained through ODNR–Division of Water.

**Test well sites indicate the location of a test well that was part of a regioinal ground water study. Detailed lithologic logs, water quality analysis and pumping test information for these wells may be available from ODNR–Division of Water.

NOTE

The ground water characteristics have been mapped regionally, based upon interpertations of water well records and the area's geology and hydrology. Mapped well sites were selected as typical for the areas shown.
Information regarding specific sites may be obtained from ODNR–Division of Water.

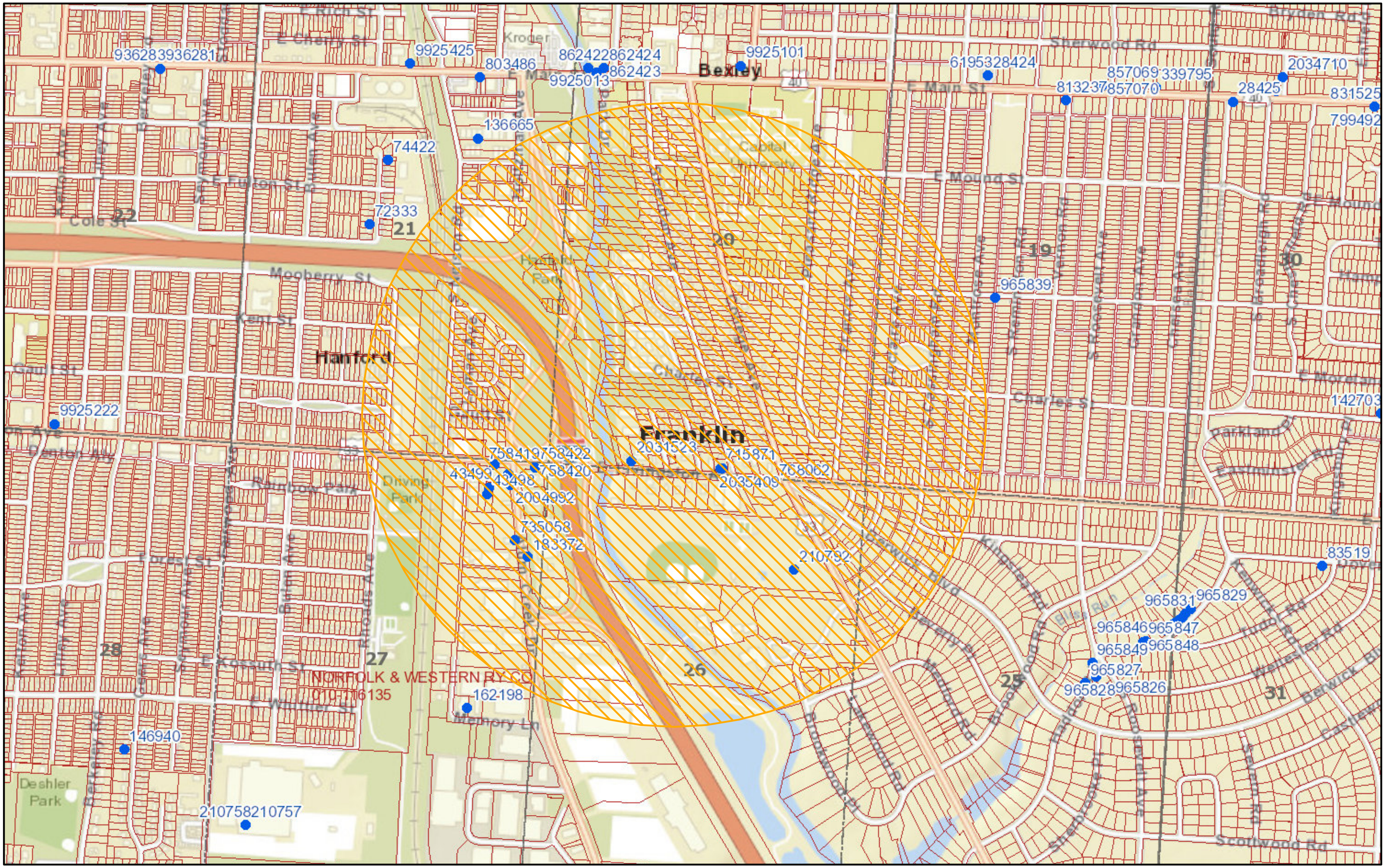
Published 1958
Revised 1993
Ohio Department of Natural Resources
Division of Water
Ground Water Resources Section
1939 Fountain Square
Columbus, Ohio 43224

Total copies printed: 500
Unit Cost: $4.48
Publication date: 8/93

David S. Orr, Cartographer

George V. Voinovich
Governor
Frances S. Buchholzer
Director

Ohio Water Wells



- Water Wells
- Counties
- Current Township
- Land Subdivision
- Statewide ParcelsJ

N

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

1:18,056

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 210792

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *JEWISH CENTER*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1125 COLLEGE AVE* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: *232* **Location Map Year:** *1989* **Location Area:**
Latitude: *39.945997* **Longitude:** *-82.93686*

CONSTRUCTION DETAILS

Borehole Diameter: 1: **Borehole Depth:** 1: *52 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *10 in.* **Casing Length:** 1: **Casing Thickness:** 1:
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *SHALE*
Date of Completion: *7/10/1959* **Total Depth:** *52 ft.* **Well Use:**
Driller's Name: *G.M. BAKER & SON*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
FILL MATERIAL	0	8
GRAVEL & CLAY	8	26
SAND & CLAY	26	37
GRAVEL & CLAY	37	48
SHALE	48	52

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 768062

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *UNO-VEN*
County: *FRANKLIN* **Township:** *MADISON* **Section Number:**
Address: *2253 LIVINGSTON AVE* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.947960* **Longitude:** *-82.93745*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *18 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *4 in.*
2:
Casing Length: 1: *20 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground: **Aquifer Type:** *SAND & GRAVEL*
Date of Completion: *6/21/1995* **Total Depth:** *18 ft.* **Well Use:**
Driller's Name: *BELASCO DRILLING, INC.*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**
COMMENTS:

WELL LOG

Formations	From	To
SAND & GRAVEL	0	18

Printing Tips (opens in new window)
Print This Page | Return to County Search

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 715871

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *STERLING MOTORS*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *2182 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948320* **Longitude:** *-82.93905*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *15 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *2 in.*
2:
Casing Length: 1: *15 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground: **Aquifer Type:** *SAND & GRAVEL*
Date of Completion: *5/15/1991* **Total Depth:** *15 ft.* **Well Use:** *MONITOR*
Driller's Name: *BELASCO DRILLING, INC.*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
GRAVELLY FILL MATERIAL	0	1
ASPHALT	0	1
SILTY CLAY	1	8
SAND	8	10
SAND & GRAVEL	10	15

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 2035409

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *DISCOUNT AUTO GLASS*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *2182 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:** *43209*
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948314* **Longitude:** *-82.938994*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *4.25 in.* **Borehole Depth:** 1: *21 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *2 in.* **Casing Length:** 1: *11 ft.* **Casing Thickness:** 1: *0.154 in.*
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *SAND*
Date of Completion: *10/3/2011* **Total Depth:** *21 ft.* **Well Use:** *MONITOR*
Driller's Name: *ENVIROCORE, LIMITED*
Screen Diameter: *2 in.* **Slot Size:** *0.01 in.* **Screen Length:** *10 ft.*
Type: *MACHINE SLOTTED* **Material:** *PVC*
Set Between: *From: 11 ft. To: 21 ft.*
Gravel Pack Material/Size: *#5 Sand* **Vol/Wt Used:** *150#*
Method of Installation: *Poured (gravity)* **Placed:** *FROM: 9 ft. TO: 21 ft.*
Grout Material/Size: *Bentonite pellets/chunks* **Vol/Wt Used:** *250#*
Method of Installation: *Poured (gravity)* **Placed** *FROM: 1 ft. TO: 9 ft.*

WELL TEST DETAILS

Static Water Level: **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**
COMMENTS:

WELL LOG

Formations	From	To
BROWN SILTY CLAY	0	9
BROWN-GRAY SAND & SILT	9	11
BROWN SILTY CLAY	11	15
BROWN SILTY CLAY & GRAVEL	15	17
BROWN COARSE SAND	17	21

WATER AT 17 17

Printing Tips (opens in new window)

Print This Page | Return to County Search

Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 2031523

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SRW*
County: *FRANKLIN*
Township: *COLUMBUS*
Section Number:
Address: *2080 LIVINGSTON E*
Lot Number:
City:
State: *OH*
Zip Code: *43209*
Location Number:
Location Map Year:
Location Area:
Latitude: *39.948490*
Longitude: *-82.94171*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *8 in.*
2:
Borehole Depth: 1: *23 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *2 in.*
2:
Casing Length: 1: *13 ft.*
2:
Casing Thickness: 1: *0.154 in.*
2:
Casing Height Above Ground: *0*
Aquifer Type: *SAND & GRAVEL*
Date of Completion: *3/7/2011*
Total Depth: *23 ft.*
Driller's Name: *FRONTZ DRILLING, INC.*
Well Use: *MONITOR*
Screen Diameter: *2 in.*
Slot Size: *0.01 in.*
Screen Length: *10 ft.*
Type: *MACHINE SLOTTED*
Material: *PVC*
Set Between: *From: 23 ft. To: 13 ft.*
Gravel Pack Material/Size: *#5*
Vol/Wt Used: *250 LBS*
Method of Installation: *Poured (gravity)*
Placed: *FROM: 23 ft. TO: 11 ft.*
Grout Material/Size: *Bentonite pellets/chunks*
Vol/Wt Used: *150 LBS*
Method of Installation: *Poured (gravity)*
Placed *FROM: 11 ft. TO: 1 ft.*

WELL TEST DETAILS

Static Water Level:
Test Rate:
Associated Reports
Drawdown:
Test Duration:
COMMENTS: *MW-2*

WELL LOG

Formations	From	To
ASPHALT	0	1
BROWN SANDY CLAY	1	8
CONCRETE	8	8.50
BROWN CLAY	8.50	18
BROWN SAND & GRAVEL	18	23

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 758421

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BP OIL*
County: *FRANKLIN*
Township: *COLUMBUS*
Section Number:
Address: *1971 LIVINGSTON AVE E*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number:
Location Map Year:
Location Area:
Latitude: *39.948340*
Longitude: *-82.94461*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *26 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *4 in.*
2:
Casing Length: 1: *25 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground:
Aquifer Type: *GRAVEL/SAND/CLAY*
Date of Completion: *7/29/1992*
Total Depth: *26 ft.*
Well Use: *MONITOR*
Driller's Name: *HULL & ASSOCIATES, DUBLIN*
Screen Diameter:
Slot Size:
Screen Length:
Type:
Material:
Set Between:
Gravel Pack Material/Size:
Vol/Wt Used:
Method of Installation:
Placed:
Grout Material/Size:
Vol/Wt Used:
Method of Installation:
Placed

WELL TEST DETAILS

Static Water Level: *18.9 ft.*
Test Rate:
Associated Reports
Drawdown:
Test Duration:
COMMENTS:

WELL LOG

Formations	From	To
CEMENT	0	1
BROWN SILTY CLAY	1	3
BROWN SILTY GRAVEL/SAND/CLAY	3	7
DARK GRAY SILTY GRAVEL & CLAY	7	12
GRAY COARSE GRAVEL/SAND/CLAY	12	27

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 758420

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BP OIL*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1971 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948340* **Longitude:** *-82.94461*

CONSTRUCTION DETAILS

Borehole Diameter: 1: **Borehole Depth:** 1: *26 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *4 in.* **Casing Length:** 1: *26 ft.* **Casing Thickness:** 1:
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *GRAVEL/SAND/CLAY*
Date of Completion: *7/29/1992* **Total Depth:** *26 ft.* **Well Use:** *MONITOR*
Driller's Name: *HULL & ASSOCIATES, DUBLIN*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *19 ft.* **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
CEMENT	0	1
BROWN SILTY CLAY	1	3
BROWN SILTY SAND	3	7
DARK GRAY SILTY GRAVEL & CLAY	7	17
DARK GRAY COARSE GRAVEL/SAND/CLAY	17	22

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 758419

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BP OIL*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1971 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948340* **Longitude:** *-82.94461*

CONSTRUCTION DETAILS

Borehole Diameter: 1: **Borehole Depth:** 1: *23 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *4 in.* **Casing Length:** 1: *23 ft.* **Casing Thickness:** 1:
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *SAND*
Date of Completion: *7/29/1992* **Total Depth:** *23 ft.* **Well Use:** *MONITOR*
Driller's Name: *HULL & ASSOCIATES, DUBLIN*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *19.4 ft.* **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**
COMMENTS:

WELL LOG

Formations	From	To
CEMENT	0	1
BROWN SILTY GRAVEL & CLAY	1	3
BROWN SILTY SAND & CLAY	3	7
BROWN SILTY GRAVEL & CLAY	7	17
HEAVING SAND	17	23
GRAY SAND & GRAVEL	23	27

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 758422

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BP OIL*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1971 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948340* **Longitude:** *-82.94461*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *26 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *4 in.*
2:
Casing Length: 1: *25 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground: **Aquifer Type:** *GRAVEL/SAND/CLAY*
Date of Completion: *7/29/1992* **Total Depth:** *26 ft.* **Well Use:** *MONITOR*
Driller's Name: *HULL & ASSOCIATES, DUBLIN*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *19.3 ft.* **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
CEMENT	0	1
BROWN SILTY GRAVEL & CLAY	1	3
BROWN SILTY GRAVEL/SAND/CLAY	3	7
DARK GRAY SILTY GRAVEL/SAND/CLAY	7	22

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 2002937

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL*
County: *FRANKLIN*
Township: *FRANKLIN*
Address: *1937 LIVINGSTON AVE*
City:
State: *OH*
Location Number:
Location Map Year:
Latitude: *39.9484*
Longitude: *-82.94581*

Section Number:
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1: *6 in.*
2:

Borehole Depth: 1: *22 ft.*
2:

Depth to Bedrock:

Casing Diameter: 1: *2 in.*
2:

Casing Length: 1: *17 ft.*
2:

Casing Thickness: 1: *0.14 in.*
2:

Casing Height Above Ground: *0*
Aquifer Type: *CLAY*
Date of Completion: *5/10/2006*
Total Depth: *22 ft.*
Driller's Name: *BELASCO DRILLING, INC.*
Well Use: *MONITOR*

Screen Diameter: *2 in.*
Slot Size: *0.01 in.*
Screen Length: *10 ft.*
Type: *MACHINE SLOTTED*
Material: *PVC*
Set Between: *From: 22 ft. To: 12 ft.*

Gravel Pack Material/Size: *SAND*
Vol/Wt Used: *7 BAGS*
Method of Installation: *Poured (gravity)*
Placed: *FROM: 22 ft. TO: 10 ft.*
Grout Material/Size: *Bentonite pellets/chunks*
Vol/Wt Used: *3 BAGS*
Method of Installation: *Poured (gravity)*
Placed *FROM: 10 ft. TO: 1 ft.*

WELL TEST DETAILS

Static Water Level:
Test Rate:
Drawdown:
Test Duration:

Associated Reports

COMMENTS:

WELL LOG

Formations	From	To
LT. GRAY GRAVELLY FILL MATERIAL	0	4
BROWN SILTY CLAY	4	22

Printing Tips (opens in new window)
Print This Page | Return to County Search

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 2002934

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL OIL*
County: *FRANKLIN* **Township:** *FRANKLIN* **Section Number:**
Address: *1937 LIVINGSTON AVE* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.9484* **Longitude:** *-82.94581*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *6 in.* **Borehole Depth:** 1: *22 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *2 in.* **Casing Length:** 1: *17 ft.* **Casing Thickness:** 1: *0.14 in.*
2: 2: 2:
Casing Height Above Ground: *0* **Aquifer Type:** *CLAY*
Date of Completion: *5/10/2006* **Total Depth:** *22 ft.* **Well Use:** *MONITOR*
Driller's Name: *BELASCO DRILLING, INC.*
Screen Diameter: *2 in.* **Slot Size:** *0.01 in.* **Screen Length:** *10 ft.*
Type: *MACHINE SLOTTED* **Material:** *PVC*
Set Between: *From: 22 ft. To: 12 ft.*
Gravel Pack Material/Size: *SAND* **Vol/Wt Used:** *7 BAGS*
Method of Installation: *Poured (gravity)* **Placed:** *FROM: 22 ft. TO: 10 ft.*
Grout Material/Size: *Bentonite pellets/chunks* **Vol/Wt Used:** *3 BAGS*
Method of Installation: *Poured (gravity)* **Placed** *FROM: 10 ft. TO: 1 ft.*

WELL TEST DETAILS

Static Water Level: **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**
COMMENTS:

WELL LOG

Formations	From	To
LT. BROWN SAND & GRAVEL	0	4
OLIVE SILTY CLAY	4	22

Printing Tips (opens in new window)
Print This Page | Return to County Search

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 2002936

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL OIL*
County: *FRANKLIN*
Township: *FRANKLIN*
Section Number:
Address: *1937 LIVINGSTON AVE*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number:
Location Map Year:
Location Area:
Latitude: *39.9484*
Longitude: *-82.94581*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *6 in.*
2:
Borehole Depth: 1: *22 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *2 in.*
2:
Casing Length: 1: *17 ft.*
2:
Casing Thickness: 1: *0.14 in.*
2:
Casing Height Above Ground: *0*
Aquifer Type: *CLAY*
Date of Completion: *5/10/2006*
Total Depth: *22 ft.*
Well Use: *MONITOR*
Driller's Name: *BELASCO DRILLING, INC.*
Screen Diameter: *2 in.*
Slot Size: *0.01 in.*
Screen Length: *10 ft.*
Type: *MACHINE SLOTTED*
Material: *PVC*
Set Between: *From: 22 ft. To: 12 ft.*
Gravel Pack Material/Size: *SAND*
Vol/Wt Used: *7 BAGS*
Method of Installation: *Poured (gravity)*
Placed: *FROM: 22 ft. TO: 10 ft.*
Grout Material/Size: *Bentonite pellets/chunks*
Vol/Wt Used: *3 BAGS*
Method of Installation: *Poured (gravity)*
Placed *FROM: 10 ft. TO: 1 ft.*

WELL TEST DETAILS

Static Water Level:
Test Rate:
Associated Reports
Drawdown:
Test Duration:
COMMENTS:

WELL LOG

Formations	From	To
LT. BROWN FILL MATERIAL	0	4
OLIVE SILTY CLAY	4	22

Printing Tips (opens in new window)
Print This Page | Return to County Search

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 2005003

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL STATION*
County: *FRANKLIN*
Address: *1937 LIVINGSTON AVE E*
City:
Location Number:
Latitude: *39.948160*

Township: *COLUMBUS*
State: *OH*
Location Map Year:
Longitude: *-82.9454*

Section Number:
Lot Number:
Zip Code: *43209*
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: **1:** *8.25 in.*
2:
Casing Diameter: **1:** *2 in.*
2:
Casing Height Above Ground:
Date of Completion: *9/7/2006*
Driller's Name: *H.A.D. INC.*
Screen Diameter: *2 in.*
Type: *MACHINE SLOTTED*
Set Between: *From: 23 ft. To: 11 ft.*
Gravel Pack Material/Size: *SILICA SAND*
Method of Installation: *Poured (gravity)*
Grout Material/Size: *Bentonite pellets/chunks*
Method of Installation: *Poured (gravity)*

Borehole Depth: **1:** *23 ft.*
2:
Casing Length: **1:** *13 ft.*
2:
Aquifer Type: *SAND*
Total Depth: *23 ft.*

Slot Size: *0.01 in.*
Material: *PVC*

Vol/Wt Used: *400 LBS.*
Placed: *FROM: 23 ft. TO: 11 ft.*
Vol/Wt Used: *250 LBS.*
Placed *FROM: 11 ft. TO: 2 ft.*

Depth to Bedrock:

Casing Thickness: **1:** *0.154 in.*
2:

Well Use: *MONITOR*

Screen Length: *10 ft.*

WELL TEST DETAILS

Static Water Level:
Drawdown:

Test Rate:
Test Duration:

Associated Reports

COMMENTS:

WELL LOG

Formations	From	To
FILL MATERIAL	0	1
BROWN SILTY COBBLES	1	5
BROWN DAMP CLAY	5	10
GRAY CLAY/SAND/GRAVEL	10	15
GRAY FINE SAND	15	20

GRAY SILT 20 23

Printing Tips (opens in new window)

Print This Page | Return to County Search

Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 2004992

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL STATION*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1937 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:** *43209*
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.947930* **Longitude:** *-82.94534*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *8.25 in.* **Borehole Depth:** 1: *23 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *2 in.* **Casing Length:** 1: *13 ft.* **Casing Thickness:** 1: *0.154 in.*
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *SAND*
Date of Completion: *9/7/2006* **Total Depth:** *23 ft.* **Well Use:** *MONITOR*
Driller's Name: *H.A.D. INC.*
Screen Diameter: *2 in.* **Slot Size:** *0.01 in.* **Screen Length:** *10 ft.*
Type: *MACHINE SLOTTED* **Material:** *PVC*
Set Between: *From: 23 ft. To: 11 ft.*
Gravel Pack Material/Size: *SILICA SAND* **Vol/Wt Used:** *400 LBS.*
Method of Installation: *Poured (gravity)* **Placed:** *FROM: 23 ft. TO: 11 ft.*
Grout Material/Size: *Bentonite pellets/chunks* **Vol/Wt Used:** *250 LBS.*
Method of Installation: *Poured (gravity)* **Placed** *FROM: 11 ft. TO: 2 ft.*

WELL TEST DETAILS

Static Water Level: **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**
COMMENTS:

WELL LOG

Formations	From	To
FILL MATERIAL	0	1
BROWN SILTY CLAY	1	5
BROWN DAMP CLAY	5	10
GRAY DAMP CLAY/SAND/GRAVEL	10	15
GRAY FINE SAND	15	20

GRAY SILT 20 23

Printing Tips (opens in new window)

Print This Page | Return to County Search

Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 43499

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *NATIONAL ALUMINUM CO*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1133 ALUM CREEK DR* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: *1904* **Location Map Year:** *1945* **Location Area:**
Latitude: *39.947876* **Longitude:** *-82.945981*

CONSTRUCTION DETAILS

Borehole Diameter: 1: **Borehole Depth:** 1: *300 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *6 in.* **Casing Length:** 1: *70 ft.* **Casing Thickness:** 1:
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *LIMESTONE*
Date of Completion: **Total Depth:** *300 ft.* **Well Use:**
Driller's Name: *G.M. BAKER & SON*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *78 ft.* **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**
COMMENTS:

WELL LOG

Formations	From	To
TOP SOIL	0	4
GRAVEL & CLAY	4	22
SAND & GRAVEL	22	35
DIRTY SAND & GRAVEL	35	37
SAND & CLAY	37	50
FINE SAND	50	65

CLAY	65	68
BLACK SHALE	68	90
SOAPSTONE	90	136
BROWN SHALE	136	180
BROWN LIMESTONE	180	230
GRAY LIMESTONE	230	300

Printing Tips (opens in new window)

Print This Page | Return to County Search

Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 43498

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *NATIONAL ALUMINUM CO*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1133 ALUM CREEK DR* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: *1905* **Location Map Year:** *1945* **Location Area:**
Latitude: *39.947731* **Longitude:** *-82.946033*

CONSTRUCTION DETAILS

Borehole Diameter: 1: **Borehole Depth:** 1: *39 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *12 in.* **Casing Length:** 1: *34 ft.* **Casing Thickness:** 1:
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *SAND & GRAVEL*
Date of Completion: **Total Depth:** *39 ft.* **Well Use:**
Driller's Name: *G.M. BAKER & SON*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *17 ft.* **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**
COMMENTS:

WELL LOG

Formations	From	To
TOP SOIL	0	3
GRAVEL & CLAY	3	24
SAND & GRAVEL	24	39

Printing Tips (opens in new window)

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 735058

ORIGINAL OWNER AND LOCATION

Original Owner Name: *PRE-FAB TRANSIT*
County: *FRANKLIN*
Address: *1185 ALUM CREEK RD*
City:
Location Number:
Latitude: *39.946660*

Township: *COLUMBUS*
State: *OH*
Location Map Year:
Longitude: *-82.94521*

Section Number:
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Casing Diameter: 1: *4 in.*
2:
Casing Height Above Ground:
Date of Completion: *3/19/1992*
Driller's Name: *MOUNT WATER WELL DRILLING*
Screen Diameter:
Type:
Set Between: *From: 19 ft. To: 29 ft.*
Gravel Pack Material/Size:
Method of Installation:
Grout Material/Size:
Method of Installation:

Borehole Depth: 1: *29 ft.*
2:
Casing Length: 1: *29 ft.*
2:
Aquifer Type: *SAND & GRAVEL*
Total Depth: *29 ft.*
Slot Size:
Material:
Vol/Wt Used:
Placed:
Vol/Wt Used:
Placed

Depth to Bedrock:
Casing Thickness: 1:
2:
Well Use: *MONITOR*
Screen Length: *10 ft.*

WELL TEST DETAILS

Static Water Level: *26 ft.*
Drawdown:
COMMENTS:

Test Rate:
Test Duration:

Associated Reports

WELL LOG

Formations	From	To
FILL MATERIAL	0	12
BROWN GRAVEL & SAND	12	15
GRAY SAND & GRAVEL	15	29

Printing Tips (opens in new window)

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 183372

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *NATIONAL ALUMINUM CO*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1130 ALUM CREEK DR* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.9463* **Longitude:** *-82.94481*

CONSTRUCTION DETAILS

Borehole Diameter: 1: **Borehole Depth:** 1: *45 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *8 in.* **Casing Length:** 1: *35 ft.* **Casing Thickness:** 1:
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *GRAVEL/SAND/CLAY*
Date of Completion: *3/30/1957* **Total Depth:** *45 ft.* **Well Use:**
Driller's Name:
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *22 ft.* **Test Rate:** *100 gpm* **Associated Reports**
Drawdown: *5 ft.* **Test Duration:** *4 hrs.*

COMMENTS:

WELL LOG

Formations	From	To
UNKNOWN	0	20
GRAVEL & CLAY	0	24
SAND & GRAVEL	24	42
GRAVEL/SAND/CLAY	42	45

APPENDIX E
CHEMICALS OF CONCERN TABLES

Appendix E: Chemicals of Concern

PANDEY
ENVIRONMENTAL, LLC

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

The list below represents specific chemicals of concern for each identified area. It is important to note that laboratory analytical suites are often broader than the lists shown below. For instance, a lab may have many more analytes in its default "VOCs" package than those listed below. As such, the analyses listed below represent a minimum group of analytes for each identified area, and additional analyses may have been performed. Chemical Abstract Service (CAS) numbers are represented in parentheses after each chemical name.

Site-Wide: All points

Metals & Inorganic Analytes

Arsenic, Inorganic (7440-38-2)

Cadmium (7440-43-9)

Chromium, Total (7440-47-3)

Lead and Compounds (7439-92-1)

Mercury and Compounds (7439-97-6)

Selenium (7782-49-2)

Silver (7440-22-4)

Volatile Organic Compounds (VOCs)

Acetone (67-64-1)

Benzene (71-43-2)

Carbon Disulfide (75-15-0)

Carbon Tetrachloride (56-23-5)

Chlorobenzene (108-90-7)

Chloroform (67-66-3)

Chloromethane (74-87-3)

Cumene (98-82-8)

Dichlorobenzene, 1,2- (95-50-1)

Dichlorobenzene, 1,4- (106-46-7)

Dichloroethane, 1,1- (75-34-3)

Dichloroethylene, 1,1- (75-35-4)

Dichloroethylene, 1,2-trans- (156-60-5)

Ethylbenzene (100-41-4)

Methyl Ethyl Ketone (2-Butanone) (78-93-3)

Methyl tert-Butyl Ether (MTBE) (1634-04-4)

Methylene Chloride (75-09-2)

n-butyl benzene (104-51-8)

n-propyl benzene (103-65-1)

Sec-butyl benzene (135-98-8)

Tetrachloroethylene (127-18-4)

Toluene (108-88-3)

Trichloroethane, 1,1,1- (71-55-6)

Trichloroethane, 1,1,2- (79-00-5)

Trichloroethylene (79-01-6)

Trihalomethanes, Total (TotTHM)

Trimethylbenzene, 1,2,4- (95-63-6)

Trimethylbenzene, 1,3,5 (108-67-8)

Vinyl Chloride (75-01-4)

Xylenes (1330-20-7)

Semi-Volatile Organic Compounds (SVOCs)

Acenaphthene (83-32-9)

Acenaphthylene (208-96-8)

Anthracene (120-12-7)

Benz[a]anthracene (56-55-3)

Benzo(g,h,i)perylene (191-24-2)

Benzo[a]pyrene (50-32-8)

Benzo[b]fluoranthene (205-99-2)

Benzo[k]fluoranthene (207-08-9)

Appendix E: Chemicals of Concern

PANDEY
ENVIRONMENTAL, LLC

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

The list below represents specific chemicals of concern for each identified area. It is important to note that laboratory analytical suites are often broader than the lists shown below. For instance, a lab may have many more analytes in its default "VOCs" package than those listed below. As such, the analyses listed below represent a minimum group of analytes for each identified area, and additional analyses may have been performed. Chemical Abstract Service (CAS) numbers are represented in parentheses after each chemical name.

Site-Wide: All points

Semi-Volatile Organic Compounds (SVOCs)

Butyl Benzyl Phthlate (85-68-7)

Dibenz[a,h]anthracene (53-70-3)

Fluoranthene (206-44-0)

Indeno[1,2,3-cd]pyrene (193-39-5)

Naphthalene (91-20-3)

Phenol (108-95-2)

Bis(2-ethylhexyl)phthalate (117-81-7)

Chrysene (218-01-9)

Dibutyl Phthalate (84-74-2)

Fluorene (86-73-7)

Methylnaphthalene, 2- (91-57-6)

Phenanthrene (85-01-8)

Pyrene (129-00-0)

APPENDIX F
ANALYSES WITH MDL ABOVE STANDARDS

Table F-1: Soil Analyses with MDL above Standard

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

PANDEY
ENVIRONMENTAL, LLC

Sample ID	Sample Date	Method Detection Limit (MDL)	Reporting Limit (RL)	Unrestricted/ Residential Standard	Commercial w/ High Freq. Child Exp. Standard	Commercial/ Industrial Standard	Construction Standard
Benzidine (CAS 92-87-5)							
930 Mayfield-SB:2-4	12/19/2022	0.39	0.46	0.047	0.151	0.31	4.8
937 Ferndale-SB:2-4	12/19/2022	0.36	0.42	0.047	0.151	0.31	4.8
940 Mayfield-SB:2-4	12/19/2022	0.33	0.38	0.047	0.151	0.31	4.8
946 Mayfield-SB:2-4	12/19/2022	0.38	0.44	0.047	0.151	0.31	4.8
947-949 Ferndale-SB:2-4	12/19/2022	0.38	0.44	0.047	0.151	0.31	4.8
948 Ferndale-SB:2-4	12/21/2022	0.29	0.34	0.047	0.151	0.31	4.8
952 Mayfield-SB-2-4	12/19/2022	0.37	0.43	0.047	0.151	0.31	4.8
953-955 Ferndale-SB:2-4	12/19/2022	0.35	0.41	0.047	0.151	0.31	4.8
956-958 Ferndale-SB:2-4	12/21/2022	0.64	0.75	0.047	0.151	0.31	4.8
Dimethylbenz(a)anthracene, 7,12- (CAS 57-97-6)							
930 Mayfield-SB:2-4	12/19/2022	0.76	0.46	0.041	0.126	0.25	4
937 Ferndale-SB:2-4	12/19/2022	0.7	0.42	0.041	0.126	0.25	4
940 Mayfield-SB:2-4	12/19/2022	0.63	0.38	0.041	0.126	0.25	4
946 Mayfield-SB:2-4	12/19/2022	0.73	0.44	0.041	0.126	0.25	4
947-949 Ferndale-SB:2-4	12/19/2022	0.74	0.44	0.041	0.126	0.25	4
948 Ferndale-SB:2-4	12/21/2022	0.56	0.34	0.041	0.126	0.25	4
952 Mayfield-SB-2-4	12/19/2022	0.71	0.43	0.041	0.126	0.25	4
953-955 Ferndale-SB:2-4	12/19/2022	0.69	0.41	0.041	0.126	0.25	4
956-958 Ferndale-SB:2-4	12/21/2022	1.3	0.75	0.041	0.126	0.25	4
Nitrosodiethylamine, N- (CAS 55-18-5)							
930 Mayfield-SB:2-4	12/19/2022	0.35	0.46	0.072	0.231	0.47	7.4
937 Ferndale-SB:2-4	12/19/2022	0.33	0.42	0.072	0.231	0.47	7.4
940 Mayfield-SB:2-4	12/19/2022	0.29	0.38	0.072	0.231	0.47	7.4
946 Mayfield-SB:2-4	12/19/2022	0.34	0.44	0.072	0.231	0.47	7.4
947-949 Ferndale-SB:2-4	12/19/2022	0.34	0.44	0.072	0.231	0.47	7.4
948 Ferndale-SB:2-4	12/21/2022	0.26	0.34	0.072	0.231	0.47	7.4
952 Mayfield-SB-2-4	12/19/2022	0.33	0.43	0.072	0.231	0.47	7.4
953-955 Ferndale-SB:2-4	12/19/2022	0.32	0.41	0.072	0.231	0.47	7.4
956-958 Ferndale-SB:2-4	12/21/2022	0.58	0.75	0.072	0.231	0.47	7.4

All values are in mg/kg (ppm)

Standards are single chemical Generic Direct Contact Soil Standards (GDCSS)

Table F-2: Groundwater Analyses with MDL above Standard

PANDEY
ENVIRONMENTAL, LLC

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

Sample ID	Sample Date	Method Detection Limit (MDL)	Reporting Limit (RL)	Standard µg/L (ppb)	Date of Standard	Source
Acetylaminofluorene, 2- (CAS 53-96-3)						
937 Ferndale-mw	12/22/2022	0.735	10	0.16	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	0.735	10	0.16	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	0.735	10	0.16	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	0.735	10	0.16	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	0.735	10	0.16	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Aminobiphenyl, 4- (CAS 92-67-1)						
937 Ferndale-mw	12/22/2022	0.742	10	0.03	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	0.742	10	0.03	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	0.742	10	0.03	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	0.742	10	0.03	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	0.742	10	0.03	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Benzidine (CAS 92-87-5)						
937 Ferndale-mw	12/22/2022	0.748	10	0.0033	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	0.748	10	0.0033	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	0.748	10	0.0033	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	0.748	10	0.0033	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	0.748	10	0.0033	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Bis(2-chloroethyl)ether (CAS 111-44-4)						
937 Ferndale-mw	12/22/2022	1.71	10	0.14	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.71	10	0.14	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.71	10	0.14	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.71	10	0.14	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.71	10	0.14	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Cadmium (CAS 7440-43-9)						
937 Ferndale-mw	12/22/2022	8.9	10	5	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	8.9	10	5	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	8.9	10	5	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	8.9	10	5	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	8.9	10	5	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Dibromo-3-chloropropane, 1,2- (CAS 96-12-8)						
937 Ferndale-mw	12/22/2022	1.9	5	0.2	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.9	5	0.2	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.9	5	0.2	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.9	5	0.2	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.9	5	0.2	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Dibromoethane, 1,2- (CAS 106-93-4)						
937 Ferndale-mw	12/22/2022	0.23	5	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	0.23	5	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	0.23	5	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	0.23	5	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	0.23	5	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Dimethylamino azobenzene [p-] (CAS 60-11-7)						
937 Ferndale-mw	12/22/2022	0.907	10	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	0.907	10	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	0.907	10	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	0.907	10	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	0.907	10	0.05	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Dimethylbenz(a)anthracene, 7,12- (CAS 57-97-6)						
937 Ferndale-mw	12/22/2022	0.444	10	0.0031	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19

Table F-2: Groundwater Analyses with MDL above Standard

PANDEY
ENVIRONMENTAL, LLC

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

Sample ID	Sample Date	Method Detection Limit (MDL)	Reporting Limit (RL)	Standard µg/L (ppb)	Date of Standard	Source
Dimethylbenz(a)anthracene, 7,12- (CAS 57-97-6)						
940 Mayfield-mw	12/22/2022	0.444	10	0.0031	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	0.444	10	0.0031	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	0.444	10	0.0031	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	0.444	10	0.0031	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Dinitrotoluene, 2,6- (CAS 606-20-2)						
937 Ferndale-mw	12/22/2022	1.6	10	0.49	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.6	10	0.49	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.6	10	0.49	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.6	10	0.49	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.6	10	0.49	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Hexachlorobutadiene (CAS 87-68-3)						
937 Ferndale-mw	12/22/2022	3.4	5	1.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	3.4	5	1.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	3.4	5	1.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	3.4	5	1.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	3.4	5	1.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Methylcholanthrene, 3- (CAS 56-49-5)						
937 Ferndale-mw	12/22/2022	1.23	20	0.035	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.23	20	0.035	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.23	20	0.035	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.23	20	0.035	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.23	20	0.035	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Naphthylamine, 2- (CAS 91-59-8)						
937 Ferndale-mw	12/22/2022	1.02	20	0.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.02	20	0.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.02	20	0.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.02	20	0.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.02	20	0.39	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Nitrobenzene (CAS 98-95-3)						
937 Ferndale-mw	12/22/2022	1.88	10	1.4	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.88	10	1.4	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.88	10	1.4	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.88	10	1.4	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.88	10	1.4	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Nitrosodiethylamine, N- (CAS 55-18-5)						
937 Ferndale-mw	12/22/2022	1.63	10	0.0051	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.63	10	0.0051	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.63	10	0.0051	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.63	10	0.0051	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.63	10	0.0051	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Nitrosodimethylamine, N- (CAS 62-75-9)						
937 Ferndale-mw	12/22/2022	0.8	10	0.003	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	0.8	10	0.003	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	0.8	10	0.003	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	0.8	10	0.003	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	0.8	10	0.003	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Nitroso-di-N-butylamine, N- (CAS 924-16-3)						
937 Ferndale-mw	12/22/2022	1.15	10	0.027	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.15	10	0.027	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19

Table F-2: Groundwater Analyses with MDL above Standard

PANDEY
ENVIRONMENTAL, LLC

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

Sample ID	Sample Date	Method Detection Limit (MDL)	Reporting Limit (RL)	Standard µg/L (ppb)	Date of Standard	Source
Nitroso-di-N-butylamine, N- (CAS 924-16-3)						
947-949 Ferndale-mw	12/22/2022	1.15	10	0.027	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.15	10	0.027	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.15	10	0.027	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Nitroso-di-N-propylamine, N- (CAS 621-64-7)						
937 Ferndale-mw	12/22/2022	1.21	10	0.108	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.21	10	0.108	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.21	10	0.108	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.21	10	0.108	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.21	10	0.108	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Nitrosomorpholine [N-] (CAS 59-89-2)						
937 Ferndale-mw	12/22/2022	1.19	10	0.12	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.19	10	0.12	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.19	10	0.12	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.19	10	0.12	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.19	10	0.12	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Nitrosopiperidine [N-] (CAS 100-75-4)						
937 Ferndale-mw	12/22/2022	1.41	10	0.082	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.41	10	0.082	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.41	10	0.082	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.41	10	0.082	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.41	10	0.082	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Nitrosopyrrolidine, N- (CAS 930-55-2)						
937 Ferndale-mw	12/22/2022	1.2	10	0.37	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.2	10	0.37	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.2	10	0.37	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.2	10	0.37	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.2	10	0.37	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Pentachlorophenol (CAS 87-86-5)						
937 Ferndale-mw	12/22/2022	1.37	20	1	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	1.37	20	1	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	1.37	20	1	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	1.37	20	1	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	1.37	20	1	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Tetrachloroethane, 1,1,2,2- (CAS 79-34-5)						
937 Ferndale-mw	12/22/2022	0.84	5	0.76	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	0.84	5	0.76	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	0.84	5	0.76	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	0.84	5	0.76	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	0.84	5	0.76	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
Trichloropropane, 1,2,3 - (CAS 96-18-4)						
937 Ferndale-mw	12/22/2022	0.79	5	0.0075	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
940 Mayfield-mw	12/22/2022	0.79	5	0.0075	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
947-949 Ferndale-mw	12/22/2022	0.79	5	0.0075	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
948 Ferndale-mw	12/22/2022	0.79	5	0.0075	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19
952 Mayfield-mw	12/22/2022	0.79	5	0.0075	10/17/2019	VAP Rule 8 Appendix Downloaded 10/17/19

Table F-3: Sub-slab Soil Gas Analyses with MDL above Standard

Bexley Ferndale-Mayfield Properties: ; Bexley, Ohio

PANDEY
ENVIRONMENTAL, LLC

Sample ID	Sample Date	Reporting Limit (RL)	Method Detection Limit (MDL)	Standard	Where Sample Was Collected	Where Standard Is Applicable
Dibromoethane, 1,2- (CAS 106-93-4)						
937 Ferndale-SG	12/30/2022	1.54	0.434	0.2	Shallow Soil Gas	Indoor Air (Commercial/Industrial)
940 Mayfield-SG	12/30/2022	1.54	0.434	0.2	Shallow Soil Gas	Indoor Air (Commercial/Industrial)
946 Mayfield-SG	12/30/2022	1.54	0.434	0.2	Shallow Soil Gas	Indoor Air (Commercial/Industrial)
947-949 Ferndale-SG	12/30/2022	1.54	0.434	0.2	Shallow Soil Gas	Indoor Air (Commercial/Industrial)
948 Ferndale-SG	12/30/2022	1.54	0.434	0.2	Shallow Soil Gas	Indoor Air (Commercial/Industrial)
950-956 Ferndale-SG	12/30/2022	1.54	0.434	0.2	Shallow Soil Gas	Indoor Air (Commercial/Industrial)
952 Mayfield-SV	1/4/2023	1.54	0.434	0.2	Sub-slab	Indoor Air (Commercial/Industrial)
953-955 Ferndale-SG	12/30/2022	1.54	0.434	0.2	Shallow Soil Gas	Indoor Air (Commercial/Industrial)

All values are in µg/m3