REMEDIAL INVESTIGATION/ ALTERNATIVES ANALYSIS REPORT

FORMER PILGRIM VILLAGE FAMILY APARTMENTS
TAX MAP ID NO.: 100.72-1-1.1
BUFFALO, NEW YORK 14209
NYSDEC SITE NO.: C915362

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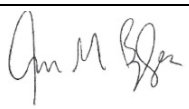
Reviewed By: Jason M. Brydges, PE	**Signature:** 	**Date:** April 2021	**Title:** Project Manager

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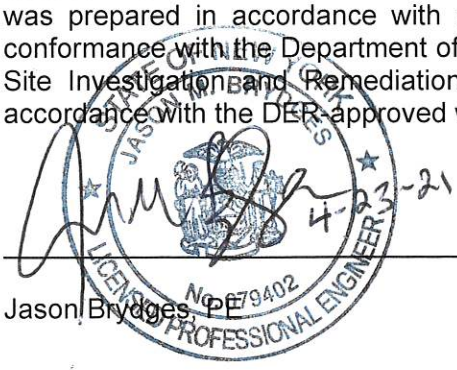
LIST OF ACRONYMS

AAR	Alternative Analysis Report
ACBM	Asbestos Containing Building Material
BCP	Brownfield Cleanup Program
BDC	Buffalo Drilling Company, Inc.
BE3	BE3 Corp.
bgs	Below Ground Surface
CAMP	Community Air Monitoring Program
CFR	Code of Federal Regulations
COC	Contaminants of Concern
CPP	Community Participation Plan
DER	Division of Environmental Remediation
DUSRs	Data Usability Summary Reports
EC	Engineering Control
EE	Environmental Easement
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
HASP	Health and Safety Plan
IC	Institutional Controls
ID	Inside Diameter
MADDAN	Maddan Geophysics, LLC
Mg/L	Milligrams per Liter
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
PAHs	Polycyclic Aromatic Hydrocarbons
Paradigm	Paradigm Environmental Services, Inc.
PCBs	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PID	Photoionization Detector
ppm	Parts per million
PVC	Polyvinyl Chloride
QEP	Qualified Environmental Professional
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
REC	Recognized Environmental Condition
RI	Remedial Investigation
SAA/EVI	SAA/EVI MC Family, LLC
SCG	Standards, Criteria, and Guidance
SCO	Soil Cleanup Objective
SIM	Selective Ion Method
SMP	Site Management Plan
SVOCs	Semi-Volatile Organic Compounds
SWPPP	Stormwater Pollution Prevention Plan
TAL	Target Analyte List
TCL	Target Compound List
TICs	Tentatively Identified Compounds
TOGS	Technical and Operational Guidance Series
TREC	TREC Environmental, Inc.
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

CERTIFICATION

I, Jason Brydges, certify that I am currently a New York State registered professional engineer as defined in 6 NYCRR Part 375 and that this Remedial Investigation/Alternative Analysis Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Department of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



Jason Brydges, PE

1.0 INTRODUCTION

SAA/EVI MC Family, LLC (SAA/EVI) has a fully executed Brownfield Cleanup Program (BCP) Agreement with the New York State Department of Environmental Conservation (NYSDEC) as a volunteer for the former Pilgrim Village Family Apartments (Site # C915362) located at 1100 Michigan Avenue in Buffalo (Site). SAA/EVI has contracted BE3 Corp. (BE3) to conduct a Remedial Investigation (RI) and prepare an Alternatives Analysis Report (AAR) as required by the BCP Agreement (BCA). The BCA index number is C915362-09-20. A site location map is provided as **Figure 1**.

The RI/AAR was completed in accordance with BCP requirements as defined in Section 375-3.8 of the NYSDEC 6 New York Codes, Rules and Regulations (NYCRR) Part 375 Environmental Remediation Program Regulations. It is anticipated that the remedial measure selected will lead to a site remedy as defined in Part 375-1.8(g)(2)(ii); achieve soil cleanup objectives (SCOs) as defined in Part 375-6.8(b); and mitigate any environmental impacted media issues at the site.

1.1 SITE BACKGROUND

The former Pilgrim Village Family Apartment complex is bounded by Best Street, Michigan Avenue, East North Street, and Ellicott Street. The portion that is the subject of this RI is in the northeast corner of the property. The entire complex has a total area of approximately 7.9 acres; however, the subject Site is approximately 2.59 acres. Prior to the apartment complex, the property was occupied by dense residential housing with several small shops from the late 1800s through the mid-1970s. A gasoline filling station was located on the northeast corner of the property at Michigan Avenue and Best Street from at least 1951 through at least the 1960s.

In the early 1800s, the adjacent property to the east and the school property further east was set aside as a “Potter’s Field” where victims of cholera epidemics, poor, indigent, and those without religious affiliation could be buried. The cemetery was located on a parcel of former farmland bounded by Best, Cemetery (later Prospect and Masten Streets), North Street, and Michigan Avenue. It remained in use as a pauper (or strangers) burying ground for approximately 40 years. It stopped being used as a cemetery by at least the mid-1880s. In 1885, the City hired Frederick Law Olmsted to convert the land into a public park overlooking the city. In 1895, the City decided to build a 2nd high school on the part of the cemetery land. Masten Park High School opened in 1897 under the leadership of Frank Fosdick but burned down in March of 1912. The new Masten Park High School was designed by architects Esenwein and Johnson using the template of their 1903 Lafayette High School design and opened in the fall of 1914. In 1927, the school was renamed “Fosdick-Masten Park High School.” The site became the present City Honors School in 1980. Human burials from the former potter’s field were discovered during renovations on the adjacent school property in 2007. Based on the historical maps, it does not appear that human burials ever existed on the subject property.

In 2014, a Phase I Environmental Site Assessment (ESA) was completed. A service/gasoline filling station that had underground storage tanks (USTs) operated on the northeast corner of the subject Site at the corner of Michigan Avenue and Best Street from approximately 1931 to 1968. This was identified as a recognized environmental concern (REC). Following the Phase I ESA, a Phase II ESA was conducted and included the advancement of soil borings in the vicinity of the former service/gasoline filling station. Soil samples were collected from the borings and submitted for chemical analysis. Volatile organic compounds (VOCs) and semi-volatile organic compounds

(SVOCs) were not detected above the 6 NYCRR Part 375 Unrestricted SCOs. Polychlorinated biphenyls (PCBs) and herbicides were not detected in the soil samples.

In June 2016, a Phase I ESA was conducted on the entire Pilgrim Village complex (approximately 7.9 acres). The Phase I ESA documented that the complex contained soil and groundwater contamination. The contamination is believed to be sourced from the former on-site metals processing facility, a former on-site fuel UST, as well as a former auto repair shop. This was identified as a REC, but it does not affect the subject Site. The former on-site metals facility and the former western boundary gasoline fueling station were approximately 500 feet west of the subject Site. The anticipated groundwater flow direction is from east to west which is away from the former Pilgrim Village Family Site.

In July 2019, a limited site characterization was conducted on the entire Pilgrim Village complex. A total of six samples were collected from six soil borings (Borings SB9 through SB14) advanced on the former Pilgrim Village Family Site. The soil samples collected from Borings SB9 and SB11 through SB14 contained lead (maximum of 987 parts per million [ppm]), mercury (maximum of 0.955 ppm), and/or zinc (maximum of 228 ppm) at concentrations greater than either the 6 NYCRR Part 375 Unrestricted SCOs or the 6 NYCRR Part 375 Restricted Residential SCOs. Urban fill was encountered throughout the Site from the surface to approximately 6 to 10 feet below ground surface (bgs). Despite petroleum odors in two locations, VOC and SVOC concentrations were below 6 NYCRR Part 375 Unrestricted SCOs in samples collected from those two locations. The locations of the borings and the concentrations of target analytes that exceed 6 NYCRR Part 375 SCOs are shown on **Figure 4**.

As documented in our March 2020 *Environmental Site Assessment, Pilgrim Village, 1100 Michigan Avenue, Buffalo, New York*, 13 soil borings (Borings BH-1 through BH-13) were advanced across the Site and 10 soil samples were collected and submitted for analysis from select borings. Field observations and analytical laboratory results indicate that there are urban fill conditions in the near-surface soil resulting in target analytes greater than 6 NYCRR Part 375 Residential SCOs across the Site. The fill depth varied across the Site from approximately 1 foot to 4 feet bgs which was typically over reddish-brown silty clay, which is common native soil in the City of Buffalo. The locations of the borings and the concentrations of target analytes that exceed 6 NYCRR Part 375 SCOs are shown on **Figure 4**.

1.2 Identification of Standards, Criteria, and Guidance

Standards, criteria, and guidance (SCGs) are promulgated requirements ("standards" and "criteria") and non-promulgated guidance ("guidance") that govern activities that may affect the environment and are used by the NYSDEC at various stages in the investigation and remediation of a site. The following are the primary SCGs for this project:

- NYSDEC 6 NYCRR Part 375 – Environmental Remediation Programs December 2006.
- NYSDEC DER-10 – Technical Guidance for Site Investigations and Remediation May 2010.
- NYSDEC – Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations June 1998.
- NYSDEC Policy – CP-51- Soil Cleanup Guidance; Date Issued: October 21, 2010.
- NYSDEC – Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), January 2021.

2.0 REMEDIAL INVESTIGATION

The RI was conducted in general accordance with the January 2021 *Remedial Investigation Work Plan, Former Pilgrim Village Family Apartments, Tax Map ID No.: 100.72-1-1.1, Buffalo, New York 14209, NYSDEC Site No.: C915362* that was approved by the NYSDEC in a letter dated January 15, 2021. The RI activities included conducting a geophysical survey, advancing 22 soil borings, installing five groundwater monitoring wells, advancing six test pits, and collecting soil and groundwater samples. Maddan Geophysics, LLC (MADDAN) conducted the geophysical survey. TREC Environmental, Inc. (TREC), Buffalo Drilling Company, Inc. (BDC), and Kulback's, Inc. (Kulback's) provided the equipment and personnel to advance the soil borings, install the groundwater monitoring wells, and advance the test pits, respectively. Paradigm Environmental Services, Inc. (Paradigm) provided the laboratory analyses of soil and groundwater samples. A BE3 qualified environmental professional (QEP) was present during field activities to identify boring locations, log subsurface materials, screen and sample surface and subsurface soil, and collect groundwater samples.

Prior to advancing the soil borings, the local utility locate center was contacted to mark buried utilities within the project area. A Site survey is provided as **Figure 2** which includes the site, block, and lot number as well as the total acreage of the Family Site. The approximate locations of the borings, groundwater monitoring wells, and general site features are shown on **Figure 3**. Site photographs are included in **Appendix B** and boring logs and monitoring well construction logs are included in **Appendix C**.

2.1 GEOPHYSICAL SURVEY

On January 5, 2021, a geophysical investigation was completed on a portion of the Site at the southwest corner near the intersection of Michigan Street and Best Street in Buffalo, New York by use of Ground Penetrating Radar (GPR). This area, based on historical information and maps, suggests the possibility that USTs may exist on the Site.

The purpose of the survey was to search for anomalies indicative of USTs. Prior to the survey, a reference grid was installed at the Site to facilitate data acquisition along parallel survey lines spaced 3 feet apart. The grid was marked with orange and white spray paint and pin flags with select coordinates labeled to aid in the reoccupation of stations, if necessary. The survey was completed using a Geonics EM61, which is a high sensitivity, high resolution time domain electromagnetic (TDEM) metal detector that can detect both ferrous and nonferrous metallic objects. Several anomalies and anomalous areas (identified as Anomalies A through E) were identified from the investigation and are outlined in **Appendix D**. The anomalies may represent USTs or remnants of USTs and associated appurtenances, items of potential environmental significance, underground utilities, or miscellaneous buried metals. The final geophysical report and GPR scan results are provided in **Appendix D**. The identified anomalies were further investigated as part of test pitting operations (see Section 2.3).

2.2 SOIL BORINGS

Twenty soil borings, designated Borings B1 through B20, were advanced by TREC on January 7 and 8, 2021. The borings were positioned around the Site in areas that have not been previously investigated and areas of potential concern based on past site investigations. The precise location of the borings was based on field observations and targeted potential contaminant features to gain representative samples across the Site. See **Table 4** for soil boring GPS coordinates. The

borings were advanced with a track mounted Geoprobe® 6620 DT. Each boring was advanced to native soils, groundwater, or refusal and ranged from approximately 2 feet to 16 feet bgs. Boring logs are included in **Appendix C**.

Soil samples were recovered on a continuous basis using 4-foot sampling sleeves. The soil was field screened immediately following retrieval and opening of the sampling sleeves using a PID. The PID was calibrated before screening activities with 100 ppm isobutylene standard gas.

Except for Borings B16 and B20 at least one analytical soil sample was collected from each boring and submitted for laboratory analysis. Soil samples were collected from Borings B16 and B20 and were placed on hold at the laboratory. After receiving the analytical results, it was deemed not necessary to analyze the samples from those locations as sufficient data was obtained from the site and it would have exceeded the approved sample amount as listed in the RIWP. The samples were selectively collected based on PID readings, visual/olfactory observations, and to obtain representative soil samples from across the Site. Ten fill, five surface, and five "native" soil samples were collected. The surface soil samples were collected from approximately the top 2 inches of soil below the grass cover and were not collected from areas covered by asphalt. The "native" soil samples were collected below any fill material lenses.

Sample jars were filled with soil material taking care to avoid gravel and debris using decontaminated stainless-steel spoons. Once collected, samples were placed in coolers with ice and transferred to the NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory using standard chain-of-custody procedures.

Dust monitoring was conducted during site activities using Casella Dust Monitors. Downwind particulate levels did not exceed 100 micrograms per cubic meter ($\mu g/m^3$) greater than background concentrations (upwind particulate levels) for the 15-minute period. The dust monitoring data is included in **Appendix J**. Concentrations of total organic vapors were monitoring using a MiniRae 300 photoionization detector (PID) and did not exceed 5 ppm above background levels at the work area or exclusion zone for the 15-minute period.

2.3 Test Pits

Six test pits were advanced using an excavator on February 3, 2021 in locations identified as anomalies by the geophysical survey or in areas of potential concern (discussed in Section 2.1). The purpose and objectives of the test pits were to excavate the areas of metal anomalies to determine if USTs were present, to assess for gross petroleum impacted soil, and to confirm fill depth conditions. The locations of the test pits were selected based on using the geophysical grid to locate areas where metal anomalies were indicated. The test pits were approximately 2 feet wide by 8 feet long and 4 to 8 feet deep. Soil with PID readings ranging from 100 to 200 ppm and hydrocarbon odors were identified in Test Pit TP-1 around anomaly "D" at approximately 4 feet bgs. One analytical soil sample was collected from the visibly stained soil at approximately 4 feet bgs and submitted for analysis. Anomalies B and C were observed to be associated with a storm drain inlet, which was covered with leaves during the geophysical survey and was not identified at that time. The remaining test pits advanced within the boundaries of the geophysical survey did not indicate soil contamination based on PID readings and visual/olfactory observations, and therefore, analytical soil samples were not collected from these test pits. USTs were not observed in the test pits. However, miscellaneous scrap metal (metal pipe/rebar) was observed in all test pits potentially accounting for the metal anomalies from the geophysical report. Each test pit was backfilled in the order in which the fill was removed and was compacted with the excavator bucket

prior to moving to the next test pit location. The test pit approximate locations are shown on **Figure 6**. The test pit GPS coordinates are listed on **Table 4**.

2.4 GROUNDWATER INVESTIGATION

2.4.1 Monitoring Well Construction & Development

Five flush-mount overburden monitoring wells were installed using a "big tire" truck drill rig with 4.25-inch diameter hollow stem augers on January 19 and 20, 2021. While advancing the borings to install the monitoring wells, groundwater was encountered between approximately 8 to 12 feet bgs. Each boring was advanced deeper than 15 feet bgs (approximately 6 to 8 feet below the observed soil/groundwater interface) to install the groundwater monitoring wells. Contamination was not observed in the native soils below approximately 6 feet bgs. The monitoring wells were constructed of 2-inch nominal inside diameter (ID) schedule polyvinyl chloride (PVC) pipe with threaded connections. The lower sections of the wells were constructed of 10-foot PVC well screen with 0.010-inch slots, except for MW4 that had a well screen length of 20 feet to account for potentially fluctuating groundwater levels. A continuous silica sand pack was used to backfill around the well screens to about 1 to 2 feet above the screened sections. Hydrated bentonite chips were used to backfill above the filter pack to approximately 1.5 to 3 feet bgs to create a seal. The monitoring wells were completed with a protective flush mount casing that was cemented in place. Monitoring well construction logs are provided in **Appendix C**. The monitoring well GPS coordinates are listed on **Table 4**.

The monitoring wells were developed on January 21, 2021. Prior the initiating the well development activities, water depth relative to the top of the well casings was measured with an electronic water level indicator. The wells were developed using a surge block and dedicated bailer. During development, pH, temperature (degrees Fahrenheit [ºF]), specific conductivity (milli siemens per centimeter [mS/cm]), and turbidity (Nephelometric Turbidity Unity [NTU]) were measured to assess the development process. Well development was considered complete when at least three well volumes were removed from each well. Final water quality parameters are listed on **Table 1**. Development and Sampling logs are included in **Appendix C**. Development water was containerized in 55-gallon drums, labeled, and stored on site pending disposal.

2.4.2 Groundwater Sampling

A groundwater sampling event was conducted on January 22, 2021, which was within 24 hours following monitoring well development. Sampling was initiated by measuring the depth to groundwater and total well depths using an electronic water level indicator. The water level indicator was decontaminated using an alconox/water mixture and a water rinse prior to insertion in each well. Measurements were taken with respect to the top of the well casings, and depths were determined to an accuracy of 0.01 foot.

The wells were sampled using a dedicated disposable bailer. Analytical samples were collected by transferring water directly from the bailer into the laboratory supplied containers. The samples were submitted to the laboratory using chain-of-custody procedures. Depth-to-water, total depth, and groundwater elevations are listed on **Table 1**.

2.4.3 Monitoring Well Hydraulic Assessment

The hydraulic assessment was completed on January 27 and 28, 2021. Tests were conducted on each of the five monitoring wells (Wells MW1 to MW5) to accurately assess the hydraulic

conductivity in the subsurface across the Site. Hydraulic conductivity analysis was completed through slug tests using a Level TROLL 700 pressure transducer and In-Situ data logging software to measure the change in head over time during a falling and rising head test (slug in and slug out, respectively). A PVC slug was used with a total volume or displacement of 0.5 gallons. Data analysis for the hydraulic conductivity tests was conducted in accordance with *The Bouwer and Rice Slug Test - An Update,* Bouwer, H., Groundwater Journal, Vol. 27, No. 3, May-June 1989 and is presented in Section 3.2.2.

3.0 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

3.1 SURFACE FEATURES

The property is approximately 643 feet above sea level, which is one of the highest points in the City of Buffalo. The Site is an approximately 2.59-acre property, and there are no major changes in topography through the Site. Site soil can be described as urban land that is typically identified as impacted from historical commercial and industrial use. Approximately 50 percent of the Site is currently covered by impervious features such as buildings, streets, and paved parking lots. The current buildings will be demolished and replaced with a new building, paved parking, and greenspace.

3.2 GEOLOGY/HYDROGEOLOGY

3.2.1 Site Geology

In general, soils across the Site consisted of sands with silts with varying amounts of gravel. The fill material ranged in thickness from approximately 2 feet to 8 feet across the Site. Below the fill are native sand, gravel, silty clay to clayey silt deposits.

3.2.2 Site Hydrogeology

Groundwater was observed to flow partially through the non-native fill material onsite. The groundwater elevations in **Table 1** suggest groundwater flow direction is to the north northwest across the Site generally following overall site topography. Approximate groundwater contours are shown on **Figure 5**.

The hydrogeology at the Site was assessed by analyzing hydraulic conductivity values at the five overburden wells on the property. A transducer was placed into the well to collect water displacement data in a location to not interfere with the slug test. Continual checks were made to ensure the data was not drifting or producing questionable data. Slugs were attached to a piece of clean nylon rope so that the slug will drop at least 1 foot below initial static water level (falling head method).

Pressure transducer data (i.e., maximum displacement measured on insertion or removal) and time data was collected and subtracted from each subsequent measurement to calculate displacement over time. Each test was complete when measurements varied by less than a few percent. The resultant data was normalized and plotted logarithmically with the “best fit” line applied to obtain each well’s conductivity value. Hydraulic conductivity is relatively consistent across the site. Results are provided in **Appendix E**.

3.3 Demography and Land use

The proposed redevelopment of the Site will include (A) a 5-story building with 132 affordable housing apartments, (B) a 1-story community center with approximately 5,000 square feet of commercial space, and (C) adequate parking spaces for the proposed capacity.

4.0 LABORATORY ANALYSIS

Soil boring samples were analyzed on a standard 5-day turnaround time, the test pit sample was analyzed on a 1-day rush turnaround time, and groundwater was analyzed on a 3-day rush turnaround time. The soil and groundwater samples collected and analyzed for PFAS were sampled and submitted for analysis in accordance with NYSDEC's *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), Under NYSDEC's Part 375 Remedial Programs (January 2021)*. See the Soil Analytical Summary Table and Groundwater Analytical Summary Table in Sections 4.1 and 4.2, respectively, for specific parameters tested and quantities. Section 5.0 discusses the results of the laboratory analysis.

4.1 Soil Sample Laboratory Analysis

Twenty-one soil samples, including one field duplicate, were collected from the soil borings, and analyzed, as requested by NYSDEC, for target compound list (TCL) SVOCs by Environmental Protection Agency (EPA) Method 8270D, target analyte list (TAL) metals by EPA Method 6010C, TCL PCBs by EPA Method 8082A, TCL pesticides by EPA 8081, TCL herbicides by EPA Method 8151, and CP-51 VOCs by EPA Method 8260C. Subsurface soil samples were also analyzed for TCL VOCs by EPA Method 8260C. Four of the soil samples were analyzed for PFAS by EPA Method 537.1 and 1,4-dioxane by EPA Method 8270 selective ion method (SIM). Also, per NYSDEC direction, samples analyzed for VOCs/SVOCs were analyzed for tentatively identified compounds (TICs).

The test pit soil sample (Sample TP1) was collected and analyzed for TCL VOCs and CP-51 VOCs by EPA Method 8260C, TCL SVOCs by EPA Method 8270D, TAL metals by EPA Method 6010C, TCL PCBs by EPA Method 8082A, TCL pesticides by EPA Method 8081, TCL herbicides by EPA Method 8151.

Soil Analytical Summary Table

Parameter	EPA Method	Quantity
TCL VOCs + TICs	8260	17*
CP-51 VOCs	8260	17*
TCL SVOCs + TICs	8270	22*
TAL Metals	6010/7470/7471	22*
TCL PCBs	8082	22*
TCL Pesticides	8081	22*
TCL Herbicides	8151	22*
PFAS	537.1	4
1,4-Dioxane	8270 SIM	4

* including one duplicate sample

4.2 GROUNDWATER SAMPLE LABORATORY ANALYSIS

Seven groundwater samples, including one duplicate sample, were analyzed for TCL VOCs and CP-51 VOCs by EPA Method 8260C, TCL SVOCs by EPA Method 8270D, TAL metals by EPA Method 6010C, TCL PCBs by EPA Method 8082A, TCL pesticides by EPA Method 8081, TCL herbicides by EPA Method 8151. The samples collected from Monitoring Wells MW2, MW4, and MW5 were also analyzed for PFAS by EPA Method 537.1 and 1,4-dioxane by EPA Method 8270 SIM. Samples that were analyzed for VOCs/SVOCs also were analyzed for TICs. For quality control purposes, one trip blank (Sample TBF) was submitted with the project samples and was analyzed for TCL VOCs and CP-51 VOCs by EPA Method 8260C. Copies of the laboratory reports for the soil and groundwater samples are provided in **Appendix F**.

Groundwater Analytical Summary Table

Parameter	EPA Method	Quantity[A]
TCL VOCs + TICs	8260	6*
CP-51 VOCs	8260	6*
TCL SVOCs + TICs	8270	6*
TAL Metals	6010/7470/7471	6*
TCL PCBs	8082	6*
TCL Pesticides	8081	6*
TCL Herbicides	8151	6*
PFAS	537.1	3
1,4-Dioxane	8270 SIM	3

[A] one groundwater trip blank was analyzed for volatiles
* including one duplicate sample

5.0 DISCUSSION OF RESULTS

The analytical soil results were compared to the 6 NYCRR Part 375 Unrestricted, Residential, and Restricted Residential SCOs listed in Table 375-6.8(a) and (b) of 6 NYCRR Part 375 (December 2006). The groundwater results were compared to the NYSDEC Technical and Operational Guidance Series (TOGS) Standards or Guidance Values in Table 1 of the Division of Water TOGS (1.1.1) (June 1998). These SCOs and standards are listed in **Tables 1 and 2** with the soil and groundwater results, respectively. All soil, groundwater and air analytical data were validated by Environmental Data Usability (EDU), a certified 3rd party data validator. The laboratory reports are provided in **Appendix F**.

5.1 SOIL SAMPLE ANALYTICAL RESULTS

Sample B11S1 collected from Boring B11 contained concentrations of benzo(a)anthracene (5.68 ppm), benzo(a)pyrene (3.72 ppm), benzo(b)fluoranthene (3.03 ppm), dibenz(a,h)anthracene (0.767 ppm) and indeno(1,2,3-cd)pyrene (2.04 ppm) greater than the 6 NYCRR Part 375 Restricted Residential SCOs of 1 ppm, 1 ppm, 1 ppm, 0.33 ppm, and 0.5 ppm, respectively (note: for these 5 compounds the 6 NYCRR Part 375 unrestricted, residential, and restricted residential SCOs are identical). Sample B11S1 also contained concentrations of benzo(k)fluoranthene (2.78 ppm) and chrysene (3.48 ppm) greater than the 6 NYCRR Part 375 Residential SCO of 1 ppm. The remaining samples either contained concentrations or estimated (J-flagged) concentrations of SVOCs below the 6 NYCRR Part 375 Unrestricted SCOs or were not detected by the laboratory.

Concentrations of lead (maximum of 270 ppm) and mercury (maximum of 0.543 ppm) were detected in Samples B4S1, B7S1, B7S10 (duplicate of Sample B7S1), B10S1, B12S1, B17S1, and B18S1 above the 6 NYCRR Part 375 Unrestricted SCOs of 63 ppm and 0.18 ppm, respectively. Lead was also detected in Samples B11S1, B14S1, and B15S1 at concentrations greater than the 6 NYCRR Part 375 Unrestricted SCO. Mercury was detected at a concentration of 67.7 ppm in Sample B19S1, which is greater than the 6 NYCRR Part 375 Restricted Residential SCO of 0.81 ppm. Arsenic was detected at a concentration of 19.3 ppm, which is greater than the 6 NYCRR Part 375 Restricted Residential SCO of 16 ppm. Samples B7S10, B10S1, B11S1, B12S1, B14S1, B15S1, B17S1, and B18S1 contained concentrations of zinc (maximum of 246 ppm) greater than the 6 NYCRR Part 375 Unrestricted SCO of 109 ppm. The remaining analyzed metals were either detected at concentrations or estimated (J-flagged) concentrations less than the 6 NYCRR Part 375 Unrestricted SCOs or were not detected by the laboratory.

Sample B22S1 contained a concentration of acetone (0.133 ppm) that exceeded the 6 NYCRR Part 375 Unrestricted SCO of 0.05 ppm. Acetone was also detected in Samples B1S1, B2S1, B5S2, B12S1, and B13S1 at concentrations less than the 6 NYCRR Part 375 Unrestricted SCO. The remaining VOCs were either detected at concentrations or estimated (J-flagged) concentrations less than the 6 NYCRR Part 375 Unrestricted SCOs or were not detected by the laboratory.

4,4-DDT was detected in the soil samples collected from Boring B11 (0.00790 ppm) and Boring B14 (0.0291 ppm) at concentrations greater than the 6 NYCRR Part 375 Unrestricted SCO of 0.0033 ppm. Dieldrin and 4,4-DDE were detected in samples collected from Borings B11 and B14, respectively, at concentrations greater than the 6 NYCRR Part 375 Unrestricted SCOs. The remaining pesticides were either detected at concentrations or estimated (J-flagged) concentrations less than the 6 NYCRR Part 375 Unrestricted SCOs or were not detected.

Total PCBs (0.470 ppm) were detected in the sample collected from Boring B14 at concentrations greater than the 6 NYCRR Part 375 Unrestricted SCO of 0.1 ppm. Total PCBs (0.0352 ppm) were also detected in the sample collected from Boring B11 but at a concentration less than the 6 NYCRR Part 375 Unrestricted SCO. The remaining samples were non-detect for PCBs. Herbicides were not detected in any samples.

Perfluorobutanoic acid (PFBA), which does not currently have an SCO, was detected in the samples collected from Borings B3 and B8 at estimated concentrations. The remaining PFAS analytes were not detected in the project samples.

Fill (Samples collected from Borings B1 through B3, B6, B7, B10 through B12, B14, B18, B19, and B22) and surface (Samples collected from Borings B4, B8, B15, B17, and B19) soil samples were the only soil boring samples to containing concentrations of target analytes exceeding 6 NYCRR Part 375 SCOs. The native (Samples collected from Borings B5, B9, B13, B17, and B21) soil samples collected did not contain target analytes exceeding 6 NYCRR Part 375 SCOs. See **Table 2** and **Figure 3** for samples that contained concentrations exceeding 6 NYCRR Part 375 SCOs and samples that did not. Refer to the table in Section 4.1 for parameters tested, methods, and sample quantities.

The soil sample collected from Test Pit TP1 contained concentrations of barium (969 ppm) and lead (2,530 ppm) that exceeded the 6 NYCRR Part 375 Restricted Residential SCO of 400 ppm for each. Mercury (0.189 ppm) and zinc (822 ppm) were detected in the sample at concentrations greater than the 6 NYCRR Part 375 Unrestricted SCOs of 0.18 ppm and 109 ppm, respectively. Xylenes (0.405 ppm) were detected at a concentration greater than the 6 NYCRR Part 375

Unrestricted SCO of 0.26 ppm. The remaining target analytes were either detected at concentrations or estimated (J-flagged) concentrations less than the 6 NYCRR Part 375 Unrestricted SCOs or were not detected. Evidence of USTs was not observed during test pitting activities. See Section 2.3 for additional details. The analytical results for Sample TP1 are shown on **Figure 6** and listed in **Table 2**.

5.2 Groundwater Sample Analytical Results

The groundwater sample (MW2) and sample duplicate (MW12) collected from Monitoring Well MW2 contained concentrations of 1,2,4-trimethylbenzene (maximum of 0.175 milligram per liter [mg/L]), 1,3,5-trimethylbenzene (maximum of 0.0343 mg/L), ethylbenzene (maximum of 0.0701 mg/L), isopropylbenzene (maximum of 0.0128 mg/L), n-butylbenzene (maximum of 0.00539 mg/L), n-propylbenzene (maximum of 0.0403 mg/L, m,p-xylenes, and o-xylene exceeding the NYSDEC TOGS value of 0.005 mg/L for each of the above VOCs with the exception of m,p-xylenes which is 0.1 mg/L. The sample collected from Well MW3 contained a concentration of acetone (0.0767 mg/L) that exceeds the NYSDEC TOGS value of 0.05 mg/L. The remaining VOC analytes were either detected at concentrations or estimated (J-flagged) concentrations less than the NYSDEC TOGS values or were not detected by the laboratory.

Samples collected from Wells MW1, MW2 (including duplicate Sample MW12), and MW4 contained concentrations of magnesium (maximum of 84.2 mg/L) and sodium (maximum of 533 mg/L) exceeding the NYSDEC TOGS values of 35 mg/L and 20 mg/L, respectively. Sodium was detected in the samples collected from Wells MW3 (23.4 mg/L) and MW5 (58.7 mg/L) at concentrations exceeding the NYSDEC TOGS value of 20 mg/L. The remaining analyzed metals were either detected at concentrations or estimated (J-flagged) concentrations less than the NYSDEC TOGS values or were not detected by the laboratory. Due to the high turbidity in the groundwater samples, the metals analysis was filtered in the laboratory prior to analysis.

Naphthalene was detected in the groundwater sample collected from Well MW1 (0.0768 mg/L) at a concentration greater than the NYSDEC TOGS value of 0.01 mg/L. The remaining SVOC analytes were either detected at concentrations or estimated concentrations less than the NYSDEC TOGS values or were not detected by the laboratory. Please note that there are several SVOCs whose TOGS values are lower than the laboratory's method detection limit (MDL) and cannot be met. According to the laboratory, none of the reporting limits are elevated above normal water reporting limits for SVOCs. The samples were evaluated down to the limit of detection (LOD), which in most cases is one half the reporting limit.

PFAS were either detected at concentrations or estimated concentrations less than the NYSDEC guidance (*Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), Under NYSDEC's Part 375 Remedial Programs, January 2021*) values or were not detected. Pesticides, herbicides, and PCBs were not detected in the groundwater samples.

Groundwater analytical results exceeding SCOs are shown on Figure 5 and listed in Table 3. Refer to the table in Section 4.2 for parameters tested, methods, and sample quantities.

5.3 Contaminants Of Concern

Based on the results of this RI and previous environmental investigations, the primary contaminants of concern (COC) in the Family Site soils are metals (e.g., lead, mercury, and zinc), SVOCs (primarily polycyclic aromatic hydrocarbons [PAHs]), and petroleum related VOCs. These

contaminants were detected above 6NYCRR Part 375 Unrestricted SCO (Unrestricted and Restricted Residential) down to approximately 5 feet bgs throughout the Site. Petroleum related VOCs were also detected in the groundwater in Well MW2 which is in the northeast corner of the property.

The Site buildings were also assessed/investigated, and results indicated that asbestos containing material (ACM) is present within the buildings.

6.0 FATE AND TRANSPORT OF CONTAMINANTS OF CONCERN

The soil and groundwater sample analytical results were incorporated with the physical site conditions to evaluate the fate and transport of COC in Site media. COCs for the Site include metals and SVOCs (mostly PAHs) in soil and VOCs (i.e., petroleum related compounds) in groundwater. The mechanisms by which the COC can migrate to other areas or media are briefly outlined below.

The new development will cover most of the Site with structures and hardscape, and these construction activities will require the removal and off-site disposal of impacted soils and placement of clean fill/hardscape. Approximately 40 percent of the Site will be covered by the proposed new building, approximately 50 percent of the Site will be covered by hardscape and the remaining approximately 10 percent in the middle of the site devoted to greenspace.

6.1 FUGITIVE DUST

Contaminants present in soil can be released to ambient air because of fugitive dust generation from disturbance of dry friable soils. The Site is currently approximately 50 percent covered with existing buildings, asphalt pavement and gravel, and the remaining 50 percent of the Site is covered with grass and vegetation; Both conditions limit fugitive dust generation and contaminant migration through dust is presently not a pathway.

Fugitive dust may be generated during construction/remedial work when impacted soil will be excavated. To mitigate this impact, a health and safety plan (HASP), site management plan (SMP), and community air monitoring plan (CAMP) will be prepared, as required, by the Remedial Action Work Plan (RAWP) under the BCP. Control measures outlined in these documents will be implemented during remediation to limit contaminant migration through dust.

6.2 SURFACE WATER

There are no surface water bodies located on the Site. The potential for impacted soil particle transport with surface water runoff is presently low due to the site conditions, and most Site runoff is collected within on-site utility systems and directed to the City of Buffalo storm water collection. In addition to other storm water control measures, surface water will not be allowed to collect during the remedial action work, and therefore, impacted soil transport to surface water will be mitigated during remediation activities. A stormwater pollution prevention plan (SWPPP) will be provided prior to remedial activities. Post construction, either the potential contaminant sources will be removed entirely from the Site, or the Site will be covered with new structures, hardscape, and greenspace equipped with an adequate stormwater collection system.

6.3 VOLATILIZATION

The soil sample collected from Boring B22 contained a concentration of acetone (0.133 ppm) greater than the 6 NYCRR Part 375 Unrestricted SCO of 0.05 ppm. Petroleum-related VOCs were also detected in Monitoring Well MW2, which is in the northeast corner of the property where there was a former gasoline filling station. The volatilization pathway is considered a relevant pathway.

6.4 LEACHING

Leaching refers to contaminants in soil migrating into groundwater due to infiltration of stormwater. Acetone was the only VOC detected in soil above the 6 NYCRR Part 375 SCOs. Several SVOCs were detected in soil but only at boring B11 above the 6 NYCRR Part 375 Residential and Restricted Residential SCOs. Several metals were also detected in soil at several boring locations above 6 NYCRR Part 375 Unrestricted and Restricted Residential SCOs. Only 4 pesticides/herbicides/PCBs were detected in soil at 2 locations above 6 NYCRR Part 375 Unrestricted SCOs.

The groundwater sample collected from Monitoring Well MW2 contained concentrations of several VOCs that exceed the NYSDEC TOGS value. Several metals from the groundwater samples also exceeded the NYSDEC TOGS values. The location of Well MW2 is within the location of the former fueling station, which may be the cause of the VOC exceedances.

Based on the results of the RI, there are only two COCs that were detected in both media above 6 NYCRR Part 375 SCOs or TOGS values: lead and acetone. Therefore, the potential for COCs to be leached from the on-site soils to groundwater is minimal.

6.5 GROUNDWATER TRANSPORT

As illustrated in **Figure 5,** the approximate groundwater flow direction is north-northwest. Wells MW4 and MW5 did not contain concentrations of VOCs or SVOCs greater than NYSDEC TOGS values. Magnesium and sodium were detected in Well MW4 and sodium in Well MW5 at concentrations greater than the NYSDEC TOGS values.

Although there is no off-Site well northwest of MW2 to provide information on the transport of contaminants from WM2, the Site groundwater data did not indicate an obvious and active groundwater contaminant transport mechanism. In addition, the Site and surrounding area are serviced by municipal water and the City of Buffalo prohibits the use of groundwater for drinking or process use. Therefore, significant potential exposure of local receptors to contaminants in the groundwater is minimal.

6.6 EXPOSURE PATHWAY SUMMARY

Based on the above assessment, the pathways through which COCs could reach receptors at significant exposure concentrations is minimal. The more probable pathways of stormwater and dust will be mitigated using pollution prevention and dust suppression control measures during remedial activities.

7.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

7.1 HUMAN EXPOSURE

A Qualitative Human Health Exposure Assessment (QHHEA) was prepared to identify potential exposure pathways associated with the COCs at the Site. The QHHEA was developed using Appendix 3B New York State Department of Health Qualitative Human Health Exposure Assessment in DER-10.

The property in its present condition provides minimal human exposure risks related to COCs in the Site soils and groundwater. The buildings on Site are partially occupied but will not be occupied during remedial activities. The elevated COCs in soils are primarily metals detected in urban backfill from the surface down to approximately 5 feet bgs. Seven SVOCs were detected above SCOs but only in a localized area, and SVOCs and metals are relatively immobile in soils (i.e., possess low solubility in water and tend to sorb to the soil fraction).

The proposed remediation will include removing or covering impacted soils to meet Unrestricted or Residential SCOs. In addition, an SMP describing institutional and engineering controls, if applicable, will be drafted that will restrict certain activities at the site and prevent exposure to any residual contamination remaining. Buried anomalies such as tanks, debris, piping, contaminant 'hot spots', etc. will be removed during remediation of the impacted site soils.

7.1.1 Soil

The direct contact and incidental inhalation exposure pathway is considered complete due to the presence of petroleum-impacted soil between 0 feet and bedrock on Site. The direct contact and incidental inhalation exposure pathway for short term is potentially complete for site visitors, trespassers, surrounding population, and future construction workers performing remedial activities. Contractor health and safety plans drafted as part of the RAWP will be effective to mitigate risk during all remediation activities and minimize worker exposure. CAMP equipment used to monitor perimeter dust is another exposure mitigation measure that will be described in detail in the RAWP. Monitoring will include location of a dust monitor upgradient and downgradient of the work area in proximity to the property limits. Proper VOC and dust CAMP monitoring will be implemented during remediation in accordance with DER-10 Appendix 1A. The direct contact and incidental inhalation exposure pathway for long term is incomplete because the the impacted soil will be removed from the Site.

7.1.2 Groundwater

The ingestion of groundwater is considered a potentially complete short term exposure pathway because contaminant concentrations have been detected in the groundwater and could potentially be consumed by a future construction worker or trespasser due to the presence of groundwater monitoring wells. Inhalation of VOCs in groundwater is considered potentially short term complete because VOCs have been identified. The long-term ingestion and direct contact pathway of groundwater is considered incomplete because groundwater will be remediated, and the property is supplied by municipal water and groundwater will not be used for future human consumption.

7.1.3 Soil Vapor

Volatile contaminants have the potential to impact receptors through outdoor and indoor air inhalation. The presence of volatile contaminant concentrations in soil and groundwater within the top 15 feet bgs creates a potentially complete outdoor air exposure pathway for site visitors, trespassers, future construction workers, and the surrounding population. A structure will be on top of the documented petroleum contamination; therefore, a potentially complete indoor air exposure pathway exists for future residents and workers. However, the source of the documented petroleum contamination will be removed during the remedial action. The soil vapor will be monitored during site activities using a PID to monitor VOC exposure, and it will be located downgradient of the work area and throughout the Site from use by the QEP in charge.

7.1.4 Summary

Currently complete or potentially complete exposure pathways, including direct contact with soil, incidental inhalation of soil, ingestion and direct contact with groundwater, and inhalation of indoor and outdoor air have been identified at the Site. Changes to the Site from remedial and construction activities will affect site conditions and mitigate the potential exposure pathways described above (e.g., impacted soil removal, groundwater treatment, etc.).

7.2 Ecological Exposure Risks

The property currently is not a habitat to wildlife, and ecological exposure risk is very low. Site erosion is and will be minimal since the site is and will be covered with buildings, pavement, and greenspace. Surface run-off flows into on-site stormwater collection system or off-site to the surrounding street stormwater collection system. Sediment and erosion control measures will also be employed during all remedial activities. The Site is to be remediated to meet Part 375 Restricted Residential or Unrestricted Use SCOs. The remediation for the property will include removal or covering impacted site soils. If a cover system is installed it will include placement of clean soil and hardscape as barriers to any ecological receptor. A NYSDEC Fish and Wildlife Resources Impact Analysis Decision Key was completed and is included as **Appendix H**. It was determined that no fish and wildlife resources impact analysis needed.

8.0 REMEDIAL ALTERNATIVES ANALYSIS

8.1 Remedial Action Objectives

The final remedial measures for the Site must satisfy Remedial Action Objectives (RAOs), which are site-specific statements that convey the goals for minimizing or eliminating substantial risks to human health and the environment. The primary RAOs identified for the Site are the following:

8.1.1 Groundwater

Human Health Protection RAO

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.

Environmental Protection RAO

- Restore groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable.

8.1.2 Soil

Public Health Protection RAO

- Prevent ingestion/direct contact with contaminated soil.

Environmental Protection RAO

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

8.1.3 Soil Vapor

Public Health Protection RAO

- Prevent inhalation of or exposure to contaminants volatilizing from contaminants in soil.

8.2 ALTERNATIVES SELECTION FACTORS

In addition to achieving RAOs, NYSDEC's BCP requires an evaluation of remedial alternatives in accordance with 6 NYCRR Part 375-3 and DER-10 Technical Guidance for Site Investigation and Remediation. This alternatives analyses evaluates the remedial options developed for the site against the following selection factors:

- **Overall Protection of Public Health and the Environment**. This criterion evaluates a remedy's ability to achieve the public health and environmental RAOs through the assessment of existing and potential exposure pathways to be eliminated, reduced, or mitigated through removal, treatment, or engineering/institutional controls (ECs/ICs).

- **Compliance with Standards, Criteria, and Guidance (SCGs)**. This criterion addresses whether a remedy will meet applicable environmental regulations, standards, and guidance. The SCGs applicable to this site are listed in Section 1.3.

- **Long-Term Effectiveness and Permanence**. This criterion evaluates the long-term effectiveness and permanence of an alternative or remedy after implementation.

- **Reduction of Toxicity, Mobility or Volume with Treatment**. This criterion evaluates the remedy's ability to reduce the toxicity, mobility, or volume of Site contamination through treatment. Preference is given to remedies that permanently and significantly reduce the toxicity, mobility, or volume of the contamination at the Site.

- **Short-Term Effectiveness**. This criterion evaluates the potential short-term impacts to human health and the environment during remediation, including control measures of adverse conditions and their effectiveness (e.g., stormwater controls, dust controls, etc.). The length of time needed to achieve the RAOs and sustainability is also evaluated.

- **Implementability**. This criterion evaluates the technical and administrative feasibility of implementing the remedy including the difficulties associated with construction and monitoring the effectiveness of the remedy. The availability of labor, equipment, and material is evaluated in addition to operational approvals, logistics, permitting, etc.

- **Cost**. This criterion evaluates the overall cost of an alternative.

- **Community Acceptance**. This criterion evaluates the public's comments, concerns, and overall perception of the alternative.

8.3 Land Use Evaluation

In developing and screening remedial alternatives, 6 NYCRR's Part 375 regulations require that the reasonableness of the anticipated future land use be factored into the evaluation. The future land use of Pilgrim property is quite sensible and practical as it will be similar in nature to the existing use, and the property will meet Restricted Residential or Unrestricted use after the BCP is complete. The proposed 2.59-acre redevelopment will include a five story (132 unit) apartment building, an approximately 4,900 square foot building for retail, an approximately 5,000 square foot community center, and 132 spaces of paved parking.

8.4 Selection of Alternatives for Evaluation

The results of the RI and previous environmental assessments indicate the following:

- Soil inclusive of on-site urban backfill contains metal contaminants exceeding Part 375 Unrestricted and Restricted Residential SCOs. There are very discreet locations where SVOCs, pesticides, and PCBs exceed Restricted Residential and Unrestricted SCOs, respectively.
- The building environmental condition assessment (i.e., universal waste or hazardous materials survey) indicated the presence of asbestos, in the buildings which will be remediated during the building demolition as part of the redevelopment. See **Appendix G** for the Building Environmental Assessment Report.
- Site groundwater contains magnesium and sodium exceeding TOGS values. There is also discreet groundwater contamination in proximity to the historical gas station with the presence of typical petroleum VOCs.

Based on the completion of the RI, the following 3 remedial alternatives have been selected for evaluation:

1. Alternative 1 – Track 1: 6 NYCRR Part 375 Unrestricted Use
2. Alternative 2 – Track 2: 6 NYCRR Part 375 Residential Use
3. Alternative 3 – Track 4: 6 NYCRR Part 375 Restricted Residential Use

8.4.1 Alternative 1 – Track 1: 6 NYCRR Part 375 Unrestricted Use

A Track 1 Unrestricted Use alternative would necessitate remediation of all site soil where concentrations exceed the 6 NYCRR Part 375 Unrestricted Use SCOs. Based on the RI data, it is estimated that this would require the removal of approximately 5 feet of material across the site including any subsurface debris or anomalies encountered during remediation (e.g., USTs, piping, concrete, etc.). Actual removal depth would be based on confirmation soil samples meeting 6 NYCRR Part 375 Unrestricted Use SCOs. For this alternative, there should not be COCs exceeding 6 NYCRR Part 375 Unrestricted SCOs to the bedrock. The area will be backfilled with clean soil meeting NYSDEC imported soil criteria in DER-10 and hardscape per the new development plans and requirements.

After conducting the remedial action, groundwater samples will be collected from the former gas station area. If groundwater remediation is warranted after excavation of soil/fill, Institutional Control in the form of an Environmental Easement (EE) and Engineering Control in the form of a SMP would be implemented.

Overall Protection of Public Health and the Environment – The 6 NYCRR Part 375 Unrestricted Use alternative would achieve the corresponding Part 375 SCOs, which are designed to be protective of human health under any reuse scenario. Since contaminant sources will be removed from soil media, NYSDEC TOGS groundwater standards should be attainable through natural attenuation or limited treatment efforts over a 5-year period.

Compliance with SCGs – 6 NYCRR Part 375 Unrestricted Use alternative would comply with SCOs and groundwater cleanup guidelines as specified in the TOGS. Specifically, contamination above Unrestricted SCOs will not be within the top 15 feet and groundwater contamination will be less than TOGS values within 5 years.

Long-Term Effectiveness and Permanence – The 6 NYCRR Part 375 Unrestricted Use alternative would achieve removal of all contaminant sources and residual impacted soil; therefore, no soil exceeding the Unrestricted SCOs would remain on the Site. As such, the Unrestricted Use alternative would provide long-term effectiveness and permanence. Post-remedial monitoring and controls would not be required other than groundwater monitoring or limited treatment for assessing groundwater quality for the 5-year monitoring period.

Reduction of Toxicity, Mobility, or Volume with Treatment – The Track 1 Unrestricted Use alternative would permanently reduce the toxicity and mobility of Site contamination through the removal of impacted site soils. Although this is not considered a treatment technology and the volume of contamination would remain the same, removal is very effective in eliminating toxicity and mobility. Monitoring natural attenuation or limited treatment of groundwater is a treatment aspect of this alternative and would reduce toxicity, mobility, and volume of groundwater contaminants to meet TOGS values.

Short-Term Effectiveness – The short-term effectiveness of the Track 1 alternative to the community, workers, and environment during implementation of the Unrestricted Use alternative would be marginal. The exposure time to community, workers, and the environment from possible fugitive dust or other migration pathways would increase during the excavation, packaging, and offsite disposal of significant quantities of soil and debris. However, within approximately 6 calendar months, the site would be remediated of soil contamination.

Implementability – Technical implementability of the Unrestricted Use alternative is high. Demolition, remediation, excavation, and removal activities are associated with standard construction techniques and not difficult to implement. There is some difficulty associated with groundwater monitoring or treatment, but implementability of these techniques is common.

Community Acceptance – There have been some community comments with respect to the project in general, and although the short-term impacts will be noticeable during remediation, a Track 1 Unrestricted Use scenario would be a preferred alternative to leaving residual contamination on-site.

Cost – The cost of implementing a Track 1 Unrestricted Use alternative is estimated at approximately $3.0 million. (see **Appendix I**).

8.4.2 Alternative 2 – Track 2: 6 NYCRR Part 375 Residential Use

A Track 2 Residential Use alternative is like Alternative 1 in that it would also necessitate remediation of all site soil; however, the soil removal would be governed by concentrations that exceed the 6 NYCRR Part 375 Residential Use SCOs that are less stringent than Unrestricted

Use SCOs. Based on the RI data, it is estimated that this would require the removal of less quantities of material across the site but would include removal of any subsurface debris or anomalies encountered during remediation (e.g., USTs, piping, concrete, etc.). Actual removal depth would be based on confirmation soil samples meeting 6 NYCRR Part 375 Residential Use SCOs. The area will be backfilled with clean soil meeting NYSDEC imported soil criteria in DER-10 and hardscape to meet new development grades and requirements.

Like Alternative 1, once contamination sources are removed from the site, a groundwater monitoring program will be established to assess attenuation of contaminants in the groundwater; however, unlike Alternative 1, there is no 5-year period for ensuring groundwater is being treated or attenuated asymptotically to meet TOGS. Accordingly, an EE and SMP would be required for this alternative.

Overall Protection of Public Health and the Environment – The Track 2 Residential Use alternative would achieve the corresponding Part 375 SCOs, which are designed to be protective of human health under most reuse scenarios including residential occupancy. In addition, TOGS groundwater standards should be attainable through natural attenuation or limited treatment efforts once impacted site soils are removed to residential standards. Accordingly, this alternative is marginally less protective of human health and the environment compared to Alternative 1.

Compliance with SCGs – Like Alternative 1, this Track 2 Residential alternative would immediately comply with residential SCOs and eventually comply with groundwater cleanup guidelines as specified in the TOGS. As such, this alternative 2 is potentially less compliant with SCGs compared to Alternative 1.

Long-Term Effectiveness and Permanence – Alternative 2 Residential Use alternative would achieve removal of all contaminant sources and residual impacted soil to meet residential use standards. Therefore, this alternative would provide long-term effectiveness and permanence for residential use. However, post-remedial monitoring and control of groundwater would be required for assessing groundwater quality in the long term. The need for ICs/ECs for groundwater makes this alternative less effective and permanent than Alternative 1.

Reduction of Toxicity, Mobility, or Volume with Treatment – Through removal of contaminant sources within site soil, Alternative 2 would permanently reduce the toxicity and mobility of contamination to residential SCOs. However, this is not a treatment technology and the volume of contamination would remain the same. Monitored natural attenuation or groundwater control would also be included in this alternative that would help to reduce mobility and possibly even toxicity and volume. Accordingly, Track 2 is very similar to Track 1 for this criterion.

Short-Term Effectiveness – The short-term impacts and risks to the community, workers, and environment during implementation of this alternative would increase from present conditions identically to Alternative 1. The duration of time community, workers, and the environment is exposed to possible fugitive dust or other migration pathways would increase during the excavation, packaging, and offsite disposal of significant quantities of soil and debris.

Implementability – Technical implementability of the Track 2 is high and slightly more so than Alternative 1 since groundwater treatment may not be required. Demolition, remediation, excavation, and removal activities are associated with standard construction techniques and not difficult to implement. Like the Track 1 option, there is some difficulty associated with groundwater monitoring or control, but implementability of these techniques is common.

Community Acceptance – Since the remedial actions for Track 2 are almost identical to Track 1, community acceptance of this alternative would be probable. Alternative 2 is slightly less attractive to the community, however, since SCOs are slightly higher and groundwater treatment is not necessarily required.

Cost – The cost of implementing a Track 2 Residential Use Alternative is estimated at approximately $2.5 million. (see **Appendix I**).

8.4.3 Alternative 3 – Track 4: Restricted Residential Use

Alternative 3 takes a different remedial approach than Alternatives 1 and 2 since it is a Track 4 cleanup that primarily relies on a cover system to protect human health and the environment (i.e., not a cleanup to a specific SCO). The following items are some of the significant aspects of Alternative 3:

1. Remove up to 2 feet of impacted surface soil to accommodate development design grade within greenscape areas and dispose of material at an approved disposal facility.
2. Remove up to 1 foot of impacted surface soil to accommodate development design grade within hardscape areas and dispose of material at an approved disposal facility.
3. Obtain imported backfill from “virgin” sources or sample/analyze material to ensure it adheres to imported soil requirements per DER-10.
4. Backfill areas per development design with corresponding depth of NYSDEC approved clean backfill or hardscape materials.
5. Place demarcation layer between remaining impacted site soils and cover material.
6. Remove USTs, predetermined ‘hot spots’, or other contaminated anomalies encountered during excavation activities that exceed a specified cleanup standard.
7. Dispose hazardous materials and other universal wastes in buildings during demolition.
8. Manage the Site upon completion of remediation through an SMP and Environmental Easement (EE) related to ECs/ICs as follows:
    - Requires submission of a periodic review report (PRR) for ICs/ECs in accordance with NYSDEC Part 375-1.8(h)(3).
    - Allows the use of the development for residential, commercial, and industrial uses as defined by Part 375-1.8(g)., subject to local zoning laws.
    - Restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH.
    - Administers an SMP that identifies restrictions and details remedial requirements to ensure the ICs/ECs remain effective (e.g., cover system, groundwater wells, etc.).
    - Administers an Excavation Plan that provides for management of future excavations in areas of remaining contamination.
    - Maintains site access controls and NYSDEC notifications.

Overall Protection of Public Health and the Environment – Alternative 3 is protective of human health and the environment with construction of a clean soil and hardscape cover that will be monitored and maintained via ICs. Restrictions on future site use would exist that would include groundwater wells being monitored, inspected, and maintained. The SMP and Excavation Work Plan apply to future disturbance of soils beneath the cover system. Assuming the site controls remain, this alternative is as protective as the previous two alternatives.

Compliance with SCGs – Alternative 3 is a Track 4 remedy with some soils exceeding the Restricted Residential SCOs remaining below an approved cover system. Groundwater

monitoring will be compared to TOGS for attenuation of impacts over time. Therefore, this remedy complies with SCGs like the previous two alternatives.

Long-Term Effectiveness and Permanence – The removal of impacted soils and backfilling with clean fill and hardscape meets the RAOs for soil. There will be a restriction on the use of groundwater in addition to monitoring of natural attenuation over time. The SMP requires periodic inspection and monitoring of the cover system for the Site to assure its integrity and the SMP excavation work plan will apply to any future disturbance of the remaining impacted soils. Alternative 3 is therefore as effective as the previous two alternatives; however, permanence relies solely on ICs/ECs being maintained and effective over time.

Reduction of Toxicity, Mobility, or Volume with Treatment – This remedial measure will reduce the mobility of contamination in the soils using a cover system. However, the volume and toxicity of the contaminants in soil and groundwater will be affected minimally through some soil removal and groundwater monitoring. The SMP will include an excavation work plan to address impacted soil encountered during future activities and include an inspection program to ensure ICs/ECs remain effective. However, this alternative only partially satisfies this criterion compared to Alternatives 1 and 2.

Short-Term Effectiveness – Potential short-term adverse impacts and human exposures may occur during construction (remediation and new development). However, any adverse impacts should be minimal. A RAWP will be implemented prior to remediation that will require a site-specific HASP for all workers. This alternative is comparable to the first two alternatives with respect to short term effectiveness based primarily on similar excavation efforts.

Implementability – Similar to the first two alternatives, there are no implementation issues related to the proposed remediation or related to the ICs/ECs placed on the Site under this alternative. The remedial activities associated with soil excavation and cover placement are standard.
Community Acceptance – The remedial actions for Track 4 are different than Track 1 or Track 2, but community acceptance of this alternative would still be likely. However, this alternative would be significantly less appealing to the community since contamination would remain on-site and future use restrictions are significant.

Cost – The cost of implementing a Track 4 Restricted Residential Use Alternative is estimated at approximately $1.5 million. (see **Appendix I**).

8.5 Recommended Remedial Alternative

Based on the alternatives' evaluation and the conceptual site model for existing contamination, Alternative 1 is the primary recommended remedial alternative. It is the most protective of human health and the environment and is implementable given the type and quantity of soil and groundwater contamination at the Site. However, should circumstances change during remediation efforts such that SCGs could not be attainted to satisfy a Track 1 cleanup, then Alternative 2 would be the secondary recommended alternative.

9.0 CONCLUSIONS AND RECOMMENDATIONS

The RI was completed in accordance with a defined scope of work and the RIWP which was approved on January 15, 2021. The following provides a summary of the investigation activities:

- Assessment of soil conditions using borings, test pits, and GPR and collecting and analyzing 23 samples across the property (including one duplicate sample).
- Assessment of groundwater conditions by installing five overburden groundwater wells and collecting and analyzing six groundwater samples (including one duplicate).
- Completing a building materials assessment (e.g., ACM, PCBs, etc.) in all site buildings in preparation of demolition activities.

The results of the investigation indicate that metals are present above 6 NYCRR Part 375 Unrestricted SCOs over approximately half of the site with a few discrete areas above Restricted Residential SCOs. SVOCs greater than Restricted Residential SCOs are limited to a couple discrete areas. PCBs, pesticides, and VOCs were detected in select samples that exceeded the 6 NYCRER Part 375 Unrestricted SCOs. Petroleum-impacted soil was identified in the northeast corner of the Site where reportedly there was a gasoline filling station with USTs. The soil samples collected from “native” soils did not contain target analytes exceeding 6 NYCRR Part 375 Unrestricted SCOs. Soil results are included on **Figure 3** and in **Table 3**.

Eight VOCs were detected in groundwater at Well MW2, which is in the northeast corner of the site where the former fueling station was located. Concentrations in the two samples collected (Sample MW2 and duplicate Sample MW12) were greater than the NYSDEC TOGS values. The groundwater sample at MW3 contained one VOC exceeding the NYSDEC TOGS value. The SVOC, naphthalene, was detected in Sample MW1 at a concentration greater than the NYSDEC TOGS value. Two metals were detected in almost all groundwater samples at concentrations greater than the NYSDEC TOGS values (i.e., magnesium and sodium). Analytical groundwater results are included on **Figure 5** and in **Table 4**.

Based on these results, it is recommended proceeding with Alternative 1 that fully satisfies the remedial action objectives and is most protective of human health and the environment by addressing the contaminated media in soil and groundwater. A RAWP will be prepared that includes soil excavation and disposal, groundwater treatment, etc. Additional information needed to achieve unrestricted use of the site will be identified in the RAWP.

TABLES

TABLE 1
WELL DEVELOPMENT AND SAMPLING LOG

	Monitoring Well Number				
	MW1	**MW2**	**MW3**	**MW4**	**MW5**
Development Data					
Development Date	1/21/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021
Time Development Initiated	12:00	12:45	13:30	14:30	15:15
Time Development Completed	12:30	13:20	14:10	15:05	15:45
Measured Depth to Water (ft below TOC)	15.11	10.31	9.79	7.95	9.19
Total Volume Pumped (gallons)	3	5	4	8	5
Development Method	Bailer	Bailer	Bailer	Bailer	Bailer
Water Level Measurement Data					
Date Water Level Measured	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021
Time Water Level Measured	9:00	9:05	9:10	9:15	9:20
Measured Depth to Water (ft below TOC)	15.29	10.35	9.93	7.73	10.52
Height of TOC above ground surface (ft)	-0.37	-0.38	-0.36	-0.47	-0.31
Measured Depth to Water (ft bgs)	15.66	10.73	10.29	8.20	10.83
Approx Ground Surface Elevation (ft)	651.6	644.8	645.6	641.9	646.2
Approx Water Level Elevation (ft)	635.94	634.11	635.26	633.70	635.41
Sampling Data					
Date Sampled	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021
Time Sampled	11:35	12:00	12:30	13:00	13:25
Measured Depth to Water (ft below TOC)	15.29	10.35	9.93	7.73	10.52
Total Depth of Well (ft below TOC)	19.10	19.20	16.30	22.80	18
Water Column in Well (ft)	3.81	8.85	6.37	15.07	7.48
Gallons per Foot	0.16	0.16	0.16	0.16	0.16
Water Column Volume (gallons)	0.61	1.42	1.02	2.41	1.20
Total Volume Pumped (gallons)	-	-	-	-	-
Sampling Method	Bailer	Bailer	Bailer	Bailer	Bailer
Diameter of Well Casing	2-inch	2-inch	2-inch	2-inch	2-inch
Water Quality Data					
Date Measured	1/21/2021	1/21/2021	1/21/2021	1/21/2021	1/21/2021
Temperature (°C)	11.7	10.9	11.1	10.9	10.6
pH (Standard Units)	7.30	7.05	7.18	7.11	7.20
Specific Conductivity (µS/cm)	1,117	1,104	953	744	869
Turbidity (NTU)	72.0	>1,000	>1,000	>1,000	>1,000
Remarks		Duplicate Sample MW12			

Notes:
Water quality parameters were measured with a YSI 556 and turbidimeter

- = Not applicable or not measured
TOC = Top of casing
bgs = Below ground surface
ft = Feet
°C = Degrees Celsius
µS/cm = Microsiemens per Centimeter
NTU = Nephelometric Turbidity Units

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TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS

Parameter Tested	Sample Identification, Approximate Sample Depth in Feet Below Ground Surface, and Sample Date											NYSDEC Soil Cleanup Objectives (SCOs)		
	B1S1 0.3-1	B2S1 0.3-1	B3S1 0.5-2	B4S1 0.1-0.3	B5S2 4-6	B6S1 0.5-2	B7S1 0.5-4	B7S10~ 0.5-4	B8S1 0.1-0.3	B9S1 4-5	B10S1 0.5-4	Unrestricted	Residential	Restricted Residential
	1/7/2021													
METALS (ppm)														
Aluminum	14,700	13,300	-	8,280	11,900	11,700	9,090	9,750	10,000	18,700	10,700	-	-	-
Antimony	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Arsenic	4.45	4.85	-	2.89	6.24	2.72	3.37	4.07	3.11	6.82	6.33	13	16	16
Barium	85.5	44.8	-	55.8	62.3	60.5	62.5	68.8	100	145	91.9	350	350	400
Beryllium	0.235 J	0.234 J	-	ND	0.181 J	0.151	ND	ND	0.424	0.379	0.219 J	7.2	14	72
Cadmium	0.396	0.557	-	0.463	0.586	0.608	0.446	0.529	0.607	0.644	0.684	2.5	2.5	4.3
Calcium	46,500	134,000	-	11,600	30,200	14,000	19,700	19,000	22,700	54,200	18,600	-	-	-
Chromium	16.6	17.3	-	9.65	14.4	14.2	10.8	12.6	9.68	22.9	13.3	30	36	180
Cobalt	8.02	8.11	-	3.69	7.91	5.91	4.56	5.02	4.14	12.5	7.30	-	-	-
Copper	16.6	14.2	-	15.6	15.5	11.8	14.3	16.3	12.7	21.0	24.5	50	270	270
Iron	18,600	16,300	-	9,690	17,300	13,700	11,800	12,400	11,400	24,300	15,700	-	-	-
Lead	49.7	8.37	-	77.0	7.61	33.6	103	138	49.3	10.9	114	63	400	400
Magnesium	14,800	70,900	-	4,290	14,600	7,060	9,690	8,990	4,370	15,000	7,470	-	-	-
Manganese	340	365	-	400	332	410	318	299	500	892	449	1,600	2,000	2,000
Total Mercury	0.0872	0.0357	-	0.220	0.00957	0.104	0.543	0.256	0.168	0.0189	0.395	0.18	0.81	0.81
Nickel	17.4	18.1	-	6.44	16.9	11.8	9.27	10.3	6.79	25.6	14.0	30	140	310
Potassium	3,020	4,650	-	755	2,580	1,710	1,440	1,440	933	4,750	1,790	-	-	-
Selenium	0.807 J	0.995 J	-	2.10	1.59	1.03 J	1.54	1.65	2.27	2.21	2.06	3.9	36	180
Silver	0.700	0.652	-	0.522 J	0.537 J	0.430 J	0.448 J	0.472 J	0.542	0.808	0.695	2	36	180
Sodium	338	303	-	101 J	231	91.7 J	197	199	161	243	108 J	-	-	-
Thallium	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Vanadium	24.7	20.3	-	16.0	22.2	22.1	17.8	19.0	16.8	31.5	20.4	-	-	-
Zinc	71.9	33.0	-	105	71.5	78.8	97.1	113	81.0	62.2	143	109	2,200	10,000
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) (ppm)														
2-Methylnapthalene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Acenaphthene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	20	100	100
Anthracene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	100	100	100
Benzo(a)anthracene	ND	ND	-	ND	ND	ND	ND	0.167 J	ND	ND	0.18 J	1	1	1
Benzo(a)pyrene	ND	ND	-	ND	ND	ND	ND	0.157 J	ND	ND	ND	1	1	1
Benzo(b)fluoranthene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	1	1	1
Benzo(g,h,i)perylene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	100	100	100
Benzo(k)fluoranthene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.8	1	3.9
Carbazole	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Chrysene	ND	0.226 J	-	ND	ND	ND	ND	ND	ND	ND	ND	1	1	3.9
Dibenz(a,h)anthracene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.33	0.33	0.33
Dibenzofuran	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Fluoranthene	ND	0.603	-	ND	ND	ND	ND	0.298 J	ND	ND	0.317 J	100	100	100
Fluorene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	30	100	100
Indeno(1,2,3-cd)pyrene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	0.5
Naphthalene	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	12	100	100
Phenanthrene	ND	0.389	-	ND	ND	ND	ND	ND	ND	ND	0.214 J	100	100	100
Pyrene	ND	0.455	-	ND	ND	ND	ND	0.248 J	ND	ND	0.226 J	100	100	100
1,4-Dioxane	-	-	ND	-	-	-	-	-	ND	-	-	0.1	9.8	13
Other SVOCs	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	Various	Various	Various
Total Reported TICs	1.06	ND	-	3.3	ND	0.952	0.485	0.542	2.74	ND	1.1	-	-	-

Notes: All units in parts per million (ppm)
ND Analyte not detected
4.45 Analyte detected
77.0 Reported concentration greater than or equal to the NYSDEC Unrestricted SCO
J Estimated concentration
~ Duplicate of preceeding sample
- Not applicable or sample not tested for this analyte
TICs Tentatively Identified Compounds

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TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS

Parameter Tested	Sample Identification, Approximate Sample Depth in Feet Below Ground Surface, and Sample Date											NYSDEC Soil Cleanup Objectives (SCOs)		
	B1S1 0.3-1	B2S1 0.3-1	B3S1 0.5-2	B4S1 0.1-0.3	B5S2 4-6	B6S1 0.5-2	B7S1 0.5-4	B7S10~ 0.5-4	B8S1 0.1-0.3	B9S1 4-5	B10S1 0.5-4	Unrestricted	Residential	Restricted Residential
	1/7/2021													
VOLATILE ORGANIC COMPOUNDS (VOCs) (ppm)														
1,2,4-Trimethylbenzene	ND	ND	-	-	ND	ND	ND	ND	-	ND	**0.00974**	3.6	47	52
1,3,5-Trimethylbenzene	ND	ND	-	-	ND	ND	ND	ND	-	ND	**0.00457 J**	8.4	47	52
Acetone	**0.0235 J**	**0.0223 J**	-	-	**0.0373**	ND	ND	ND	-	ND	ND	0.05	100	100
Ethylbenzene	ND	ND	-	-	ND	ND	ND	ND	-	ND	**0.0122**	1	30	41
n-Butylbenzene	ND	ND	-	-	ND	ND	ND	ND	-	ND	**0.00552**	-	-	-
n-Propylbenzene	ND	ND	-	-	ND	ND	ND	ND	-	ND	**0.00881**	3.9	100	100
Xylenes (mixed)	ND	ND	-	-	ND	ND	ND	ND	-	ND	**0.00600**	0.26	100	100
Other VOCs	ND	ND	-	-	ND	ND	ND	ND	-	ND	ND	Various	Various	Various
Total Reported TICs	ND	ND	-	-	ND	ND	ND	ND	-	**1.65**	**0.321**	-	-	-
CHLORINATED PESTICIDES/CHLORINATED HERBICIDES/POLYCHLORINATED BIPHENYLS (PCBs) (ppm)														
4,4-DDD	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.0033	2.6	13
4,4-DDE	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.0033	1.8	8.9
4,4-DDT	ND	ND	-	ND	ND	**0.00263 J**	ND	ND	ND	ND	ND	0.0033	1.7	7.9
Aldrin	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.019	0.097
cis-Chlordane	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.094	0.91	4.2
delta-BHC	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.04	100	100
Dieldrin	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.039	0.2
Endosulfan Sulfate	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	2.4	4.8	24
Endrin	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.014	2.2	11
Endrin Aldehyde	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Endrin Ketone	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.014	2.2	11
gamma-BHC (Lindane)	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.28	1.3
trans-Chlordane	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Other Pesticides	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	Various	Various	Various
Chlorinated Herbicides	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	Various	Various	Various
Total PCBs	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	0.1	1	1
EMERGING CONTAMINANTS PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ppm)														
Perfluorobutanoic Acid (PFBA)	-	-	**0.000033 J**	-	-	-	-	-	**0.000027 J**	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	-	-	ND	-	-	-	-	-	ND	-	-	0.00066	0.0066	0.033
Perfluorooctanesulfonic Acid (PFOS)	-	-	ND	-	-	-	-	-	ND	-	-	0.00088	0.0088	0.044
Total PFOA/PFOS	-	-	ND	-	-	-	-	-	ND	-	-	0.0015	0.015	0.077
Other PFAS	-	-	ND	-	-	-	-	-	ND	-	-	Various	Various	Various

Notes: All units in parts per million (ppm)
ND Analyte not detected
1.65 Analyte detected
J Estimated concentration
- Not applicable or sample not tested for this analyte
~ Duplicate of preceeding sample
TICs Tentatively Identified Compounds

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TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS

Parameter Tested	Sample Identification, Approximate Sample Depth in Feet Below Ground Surface, and Sample Date												NYSDEC Soil Cleanup Objectives (SCOs)		
	B11S1 0.5-3.5	B12S1 2-5	B13S1 4-5	B14S1 1.5-6	B15S1 0.2-0.5	B17S1 0.2-0.5	B17S2 9-11	B18S1 0.2-2	B19S1 0.2-0.5	B21S1 5-7	B22S1 1-4	TP1 4-4.5	Unrestricted	Residential	Restricted Residential
	1/7/2021			1/8/2021								2/3/2021			
METALS (ppm)															
Aluminum	10,500	11,900	12,200	7,480	10,400	9,740	2,340	12,200	11,600	3,250	7,920	10,000	-	-	-
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Arsenic	6.33	7.15	3.03	4.30	19.3	5.87	1.01	4.77	3.28	1.75	2.44	7.10	13	16	16
Barium	107	109	71.0	60.4	97.7	95.1	8.96	109	66.5	13.0	27.1	969	350	350	400
Beryllium	0.316	0.193 J	0.154 J	ND	0.178 J	ND	ND	0.197 J	ND	ND	ND	ND	7.2	14	72
Cadmium	1.13	0.837	0.662	0.625	0.595	0.720	0.224 J	0.716	0.530	0.287	0.265 J	0.953	2.5	2.5	4.3
Calcium	47,000	18,500	47,800	9,140	26,200	19,100	55,300	10,500	4,800	58,400	8,330	27,400	-	-	-
Chromium	12.8	14.3	15.0	9.95	11.4	11.8	3.53	13.9	14.4	7.13	8.32	15.6	30	36	180
Cobalt	4.48	6.71	7.10	6.50	6.9	6.34	1.67 J	7.73	6.73	2.11	3.63	5.04	-	-	-
Copper	27.0	19.4	15.0	17.5	18.1	17.7	5.50	19.5	15.2	5.64	10.4	26.8	50	270	270
Iron	13,200	14,400	17,800	11,000	17,400	13,500	4,720	15,300	15,900	6,310	8,460	13,300	-	-	-
Lead	166	270	8.64	182	125	178	5.57	196	45.0	5.43	22.7	2,530	63	400	400
Magnesium	6,590	6,970	17,200	3,900	12,600	9,980	20,200	5,390	2,960	24,500	5,150	11,200	-	-	-
Manganese	732	404	366	261	469	405	213	721	189	212	123	358	1,600	2,000	2,000
Total Mercury	ND	0.406	0.00816 J	0.153	0.166	0.331	ND	0.251	67.7	0.00785 J	0.0354	0.189	0.18	0.81	0.81
Nickel	9.62	13.3	16.1	11.1	10.8	10.7	2.85	11.0	11.0	3.77	6.53	13.2	30	140	310
Potassium	1,320	1,760	2,850	1,530	1,500	1,480	624	1,440	1,230	778	870	2,250	-	-	-
Selenium	1.91	2.27	1.04 J	1.31	0.667 J	1.79	0.773 J	2.05	1.71	0.874 J	0.959 J	0.817 J	3.9	36	180
Silver	0.704	0.606 J	0.608	0.418 J	1.11	0.568	ND	0.626	0.455 J	ND	ND	ND	2	36	180
Sodium	222	173	188	93.5 J	121 J	84.2 J	109 J	80.4 J	ND	128 J	106 J	309	-	-	-
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Vanadium	18.4	21.8	21.9	16.3	19.5	19.9	7.00	23.8	24.8	9.49	14.1	20.5	-	-	-
Zinc	246	146	57.8	120	124	136	43.4	128	79.5	41.8	67.8	822	109	2,200	10,000
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) (ppm)															
2-Methylnapthalene	0.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Acenaphthene	0.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	100	100
Anthracene	2.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	100	100
Benzo(a)anthracene	5.68	ND	ND	0.377	ND	ND	ND	ND	ND	ND	0.502	0.179 J	1	1	1
Benzo(a)pyrene	3.72	ND	ND	0.296 J	ND	ND	ND	ND	ND	ND	0.405	ND	1	1	1
Benzo(b)fluoranthene	3.03	ND	ND	0.251 J	ND	ND	ND	ND	ND	ND	0.378	ND	1	1	1
Benzo(g,h,i)perylene	1.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.272 J	ND	100	100	100
Benzo(k)fluoranthene	2.78	ND	ND	0.223 J	ND	ND	ND	ND	ND	ND	0.247 J	ND	0.8	1	3.9
Carbazole	1.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Chrysene	3.48	ND	ND	0.333	ND	ND	ND	ND	ND	ND	0.411	0.235 J	1	1	3.9
Dibenz(a,h)anthracene	0.767	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33	0.33	0.33
Dibenzofuran	0.766	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Fluoranthene	12	ND	ND	0.682	ND	ND	ND	ND	ND	ND	1.31	0.407	100	100	100
Fluorene	11.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.196 J	30	100	100
Indeno(1,2,3-cd)pyrene	2.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.291 J	ND	0.5	0.5	0.5
Naphthalene	0.932	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.263 J	12	100	100
Phenanthrene	9.2	ND	ND	0.486	ND	ND	ND	ND	ND	ND	0.525	0.701	100	100	100
Pyrene	6.89	ND	ND	0.509	ND	ND	ND	ND	ND	ND	0.824	0.422	100	100	100
1,4-Dioxane	-	ND	-	-	-	-	-	-	-	-	ND	-	0.1	9.8	13
Other SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Various	Various	Various
Total Reported TICs	25	5.1	ND	0.331	0.72	1.31	ND	2.21	ND	ND	11.7	-	-	-	-

Notes: All units in parts per million (ppm)
ND Analyte not detected
2.01 Analyte detected
0.306 Reported concentration greater than or equal to the NYSDEC Unrestricted SCO
1.21 Reported concentration greater than or equal to the NYSDEC Residential SCO
31.6 Reported concentration greater than or equal to the NYSDEC Restricted Residential SCO

J Estimated concentration
- Not applicable or sample not tested for this analyte
TICs Tentatively Identified Compounds

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Parameter Tested	Sample Identification, Approximate Sample Depth in Feet Below Ground Surface, and Sample Date												NYSDEC Soil Cleanup Objectives (SCOs)		
	B11S1 0.5-3.5	B12S1 2-5	B13S1 4-5	B14S1 1.5-6	B15S1 0.2-0.5	B17S1 0.2-0.5	B17S2 9-11	B18S1 0.2-2	B19S1 0.2-0.5	B21S1 5-7	B22S1 1-4	TP1 4-4.5	Unrestricted	Residential	Restricted Residential
	1/7/2021			1/8/2021								2/3/2021			
VOLATILE ORGANIC COMPOUNDS (VOCs) (ppm)															
1,2,4-Trimethylbenzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**2.04**	3.6	47	52
1,2-Dichlorobenzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.166**	1.1	100	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.0993**	8.4	47	52
1,4-Dichlorobenzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.0753**	1.8	9.8	13
Acetone	ND	**0.0478**	**0.0228 J**	ND	-	-	ND	ND	-	ND	**0.133**	ND	0.05	100	100
Benzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.0186 J**	0.06	2.9	4.8
Cyclohexane	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.302**	-	-	-
Ethylbenzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.0548**	1	30	41
Isopropylbenzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.484**	-	-	-
Mehylcyclohexane	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**1.63**	-	-	-
n-Butylbenzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**1.23**	12	100	100
n-Propylbenzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**1.18**	3.9	100	100
p-Isopropyltoluene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.106**	-	-	-
sec-Butylbenzene	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.403**	11	100	100
Xylenes (mixed)	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	**0.405**	0.26	100	100
Other VOCs	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	ND	Various	Various	Various
Total Reported TICs	ND	ND	ND	ND	-	-	ND	ND	-	ND	ND	-	-	-	-
CHLORINATED PESTICIDES/CHLORINATED HERBICIDES/POLYCHLORINATED BIPHENYLS (PCBs) (ppm)															
4,4-DDD	ND	ND	ND	**0.00301 J**	ND	ND	ND	ND	ND	ND	ND	ND	0.0033	2.6	13
4,4-DDE	**0.00392**	ND	ND	**0.00279 J**	ND	ND	ND	ND	ND	ND	ND	**0.00307 J**	0.0033	1.8	8.9
4,4-DDT	**0.00790**	ND	ND	**0.0291**	ND	**0.00243 J**	ND	ND	ND	ND	ND	ND	0.0033	1.7	7.9
Aldrin	**0.00236 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.019	0.097
beta-BHC	ND	ND	ND	**ND**	ND	ND	ND	ND	ND	ND	ND	**0.00656**	0.09	0.072	0.36
cis-Chlordane	ND	ND	ND	**0.00205 J**	ND	ND	ND	ND	ND	ND	ND	ND	0.094	0.91	4.2
delta-BHC	**0.00318**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04	100	100
Dieldrin	ND	ND	ND	**0.00750**	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.039	0.2
Endosulfan Sulfate	ND	ND	ND	**0.0185**	ND	ND	**ND**	ND	ND	ND	ND	ND	2.4	4.8	24
Endrin	**0.00218 J**	ND	ND	**0.00362**	ND	ND	ND	ND	ND	ND	ND	ND	0.014	2.2	11
Endrin Aldehyde	ND	ND	ND	**0.0138**	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Endrin Ketone	**0.00862**	ND	ND	**0.00984**	ND	ND	ND	ND	ND	ND	ND	ND	0.014	2.2	11
gamma-BHC (Lindane)	**0.00706**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.00542**	0.1	0.28	1.3
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.00303 J**	0.38	0.42	2.1
Heptachlor Epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.00423**	-	-	-
trans-Chlordane	ND	ND	ND	**0.00153 J**	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-
Other Pesticides	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Various	Various	Various
Chlorinated Herbicides	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Various	Various	Various
Total PCBs	**0.0352**	ND	ND	**0.470**	ND	ND	ND	ND	ND	ND	ND	ND	0.1	1	1
EMERGING CONTAMINANTS PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ppm)															
Perfluorobutanoic Acid (PFBA)	-	ND	-	-	-	-	-	-	-	-	ND	-	-	-	-
Perfluorooctanoic Acid (PFOA)	-	ND	-	-	-	-	-	-	-	-	ND	-	0.00066	0.0066	0.033
Perfluorooctanesulfonic Acid (PFOS)	-	ND	-	-	-	-	-	-	-	-	ND	-	0.00088	0.0088	0.044
Total PFOA/PFOS	-	ND	-	-	-	-	-	-	-	-	ND	-	0.0015	0.015	0.077
Other PFAS	-	ND	-	-	-	-	-	-	-	-	ND	-	Various	Various	Various

Notes: All units in parts per million (ppm)
ND Analyte not detected
2.01 Analyte detected
0.306 Reported concentration greater than or equal to the NYSDEC Unrestricted SCO
J Estimated concentration
- Not applicable or sample not tested for this analyte
TICs Tentatively Identified Compounds

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Parameter Tested	Sample Identification, Approximate Groundwater Depth Below Top of Casing, and Sample Date							NYSDEC TOGS 1.1.1 GA
	MW1 15.29	MW2 10.35	MW12~ 10.35	MW3 9.93	MW4 7.73	MW5 10.52	Trip Blank TBF	
	1/22/2021							
METALS (mg/L)								
Arsenic	**0.00901 J**	**0.00818 J**	ND	ND	ND	ND	-	0.025
Barium	**0.263**	**0.379**	**0.372**	**0.231**	**0.219**	**0.216**	-	1
Calcium	**150**	**170**	**168**	**115**	**123**	**144**	-	-
Magnesium	**84.2**	**62.9**	**63.3**	**30.4**	**41.8**	**31.3**	-	35
Manganese	**0.125**	**0.0597**	**0.0664**	**0.0683**	**0.0673**	**0.0430**	-	0.3
Potassium	**25.0**	**29.4**	**25.5**	**5.17**	**7.62**	**8.06**	-	-
Sodium	**533**	**242**	**268**	**23.4**	**87.8**	**58.7**	-	20
Other Metals	ND	ND	ND	ND	ND	ND	-	Various
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) (mg/L)								
2-Methylnapthalene	**0.0165**	ND	ND	ND	ND	ND	-	-
Naphthalene	**0.0768**	ND	ND	ND	ND	**0.00959 J**	-	0.01
1,4-Dioxane	-	ND	-	-	ND	ND	-	-
Other SVOCs	ND	ND	ND	ND	ND	ND	-	Various
Total Reported TICs	**0.498**	**0.515**	**0.626**	**0.417**	**0.326**	**0.239**	-	-
VOLATILE ORGANIC COMPOUNDS (VOCs) (mg/L)								
1,2,4-Trimethylbenzene	ND	**0.172**	**0.175**	ND	ND	**0.00195 J**	ND	0.005
1,3,5-Trimethylbenzene	ND	**0.0334**	**0.0343**	ND	ND	ND	ND	0.005
Acetone	**0.00923 J**	ND	ND	**0.0767**	ND	**0.0399**	ND	0.05
Cyclohexane	ND	**0.0903**	**0.0938**	ND	ND	ND	ND	-
Ethylbenzene	ND	**0.0701**	**0.0698**	ND	ND	ND	ND	0.005
Isopropylbenzene	ND	**0.0128**	**0.0128**	ND	ND	ND	ND	0.005
Methylcyclohexane	ND	**0.0881**	**0.0910**	ND	ND	ND	ND	-
n-Butylbenzene	ND	**0.00537**	**0.00539**	ND	ND	**0.00408**	ND	0.005
n-Propylbenzene	ND	**0.0403**	**0.0402**	ND	ND	ND	ND	0.005
sec-Butylbenzene	ND	**0.00172 J**	**0.00167 J**	ND	ND	ND	ND	0.005
Toluene	ND	**0.00366**	**0.00350**	ND	ND	ND	ND	0.005
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	0.005
m,p-Xylene	ND	**0.24**	**0.246**	ND	ND	ND	ND	0.01
o-Xylene	ND	**0.0127**	**0.0129**	ND	ND	ND	ND	0.005
Other VOCs	ND	ND	ND	ND	ND	ND	ND	Various
Total Reported TICs	**3.78**	**2.16**	**2.17**	**0.00904**	ND	**0.472**	ND	-
CHLORINATED PESTISIDES/CHLORINATED HERBICIDES/POLYCHLORINATED BIPHENYLS (PCBs) (mg/L)								
Pestisides	ND	ND	ND	ND	ND	ND	-	Various
Herbicides	ND	ND	ND	ND	ND	ND	-	Various
Total PCBs	ND	ND	ND	ND	ND	ND	-	0.005

Notes: All units in milligrams per liter (mg/L)

NYSDEC New York State Department of Environmental Conservation

TOGS Technical and Operational Guidance Series

ND Analyte not detected

1.19 Analyte detected

1.23 Analyte exceeds NYSDEC TOGS guidance value

J Estimated concentration

- Not applicable or sample not analyzed for this analyte

~ Duplicate of Sample MW2

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Parameter Tested	Sample Identification, Approximate Groundwater Depth Below Top of Casing, and Sample Date							NYSDEC Sampling, Analysis, and Assessment of PFAS Guidance
	MW1 15.29	MW2 10.35	MW12~ 10.35	MW3 9.93	MW4 7.73	MW5 10.52	Trip Blank TBF	
	1/22/2021							
EMERGING CONTAMINANTS PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ppt)								
Perfluorobutanoic Acid (PFBA)	-	**2.97**	-	-	**3.76**	**3.16**	-	100
Perfluoropentanoic Acid (PFPeA)	-	**1.90**	-	-	**1.28 J**	**2.30**	-	100
Perfluorobutanesulfonic Acid (PFBS)	-	**0.416 J**	-	-	**0.256 J**	**0.874 J**	-	100
Perfluorohexanoic Acid (PFHxA)	-	**1.82**	-	-	**1.27 J**	**1.98**	-	100
Perfluoroheptanoic Acid (PFHpA)	-	**0.629 J**	-	-	**0.398 J**	**0.904 J**	-	100
Perfluorohexanesulfonic Acid (PFHxS)	-	ND	-	-	ND	ND	-	100
Perfluorooctanoic Acid (PFOA)	-	**1.69 J**	-	-	**0.902 J**	**2.06**	-	10
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	ND	-	-	ND	ND	-	100
Perfluoroheptanesulfonic Acid (PFHpS)	-	ND	-	-	ND	ND	-	100
Perfluorononanoic Acid (PFNA)	-	**0.336 J**	-	-	ND	**0.385 J**	-	100
Perfluorooctanesulfonic Acid (PFOS)	-	**0.528 J**	-	-	ND	**0.563 J**	-	10
Perfluorodecanoic Acid (PFDA)	-	ND	-	-	ND	**0.470 J**	-	100
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	ND	-	-	ND	ND	-	100
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	ND	-	-	ND	**1.84 J**	-	100
Perfluoroundecanoic Acid (PFUnA)	-	ND	-	-	ND	**0.533 J**	-	100
Perfluorodecanesulfonic Acid (PFDS)	-	ND	-	-	ND	ND	-	100
Perfluorooctanesulfonamide (FOSA)	-	ND	-	-	ND	ND	-	100
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA).	-	ND	-	-	ND	ND	-	100
Perfluorododecanoic Acid (PFDoA)	-	ND	-	-	ND	ND	-	100
Perfluorotridecanoic Acid (PFTrDA)	-	ND	-	-	ND	**0.392 J**	-	100
Perfluorotetradecanoic Acid (PFTA)	-	ND	-	-	ND	ND	-	100
Total PFOA/PFOS	-	**2.22 J**	-	-	**0.902 J**	**2.62 J**	-	20
Total PFAS	-	**10.3**	-	-	**7.87**	**15.5**	-	500

Notes: All PFAS units are in parts per trillion (ppt)
NYSDEC New York State Department of Environmental Conservation
TOGS Technical and Operational Guidance Series
ND Analyte not detected
2.97 Analyte detected
J Estimated concentration
~ Duplicate of Sample MW2

TABLE 4
BORING, WELL, AND TEST PIT GPS COORDINATES

Number	Latitude	Longitude
Borings		
B1	42.903306	-78.863924
B2	42.903009	-78.863953
B3	42.902865	-78.863511
B4	42.902916	-78.863171
B5	42.903029	-78.862713
B6	42.903404	-78.862739
B7	42.903496	-78.862941
B8	42.903633	-78.862759
B9	42.903793	-78.862774
B10	42.90375	-78.862944
B11	42.903844	-78.862987
B12	42.903716	-78.863163
B13	42.903866	-78.863188
B14	42.903859	-78.863626
B15	42.903665	-78.863839
B16	42.903626	-78.863591
B17	42.903532	-78.863187
B18	42.903373	-78.863217
B19	42.903286	-78.683239
B20	42.903246	-78.863715
B21	42.903399	-78.863621
B22	42.903416	-78.863903
Monitoring Wells		
MW1	42.902894	-78.862806
MW2	42.90375	-78.862869
MW3	42.903367	-78.863464
MW4	42.903839	-78.863789
MW5	42.902933	-78.863822
Test Pits		
T1	42.903583	-78.862739
T2	42.903589	-78.862828
T3	42.903753	-78.862808
T4	42.903872	-78.862864
T5	42.903661	-78.862722
T6	42.903575	-78.862939

FIGURES

N

BE3CORP
BRIDGES ENGINEERING IN ENVIRONMENT & ENERGY
960 Busti Avenue
Suite B150
Buffalo, NY 14213
P: 716-362-6532

Figure 1
Site Location Map

Fomer Pilgrim Village
Family Apartments
Site # C915362
Buffalo, New York 14209

Revisions	
1	3/1/21

April 2021 | SCALE: N/A | SHEET 1 OF 1

NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE.

● SET OR EX. 5/8" REBAR

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

BEST (66.0' WIDE) STREET

ELLICOTT (66.0' WIDE) STREET

MICHIGAN (66.0' WIDE) AVENUE

NORTH EAST (49.5' WIDE) STREET

ELM (50.0' WIDE) STREET (ABANDONED)

SUB LOT 1
2.59± ACRES

SUB LOT 2
2.00± ACRES

SUB LOT 3
1.81± ACRES

SUB LOT 4
3.43± ACRES

SUB LOT 5
1.48± ACRES

SBL 100.71-3-1.11 (PART OF)

SBL 100.72-1-1.1 & SBL 100.71-3-1.11 (PART OF)

SBL 100.71-3-1.12

SUB LOT 1
3.4± ACRES
MAP COVER 3665

TOTAL SUBDIVISION LOT AREA = 11.31± ACRES

MONITORING WELL #1
TOP OF WELL 645.16
TOP OF CASING 644.83

MONITORING WELL #2
TOP OF WELL 644.94
TOP OF CASING 644.46

MONITORING WELL #3
TOP OF WELL 645.55
TOP OF CASING 645.19

MONITORING WELL #4
TOP OF WELL 641.90
TOP OF CASING 641.43

MONITORING WELL #5
TOP OF WELL 646.24
TOP OF CASING 645.93

MONITORING WELL #6
TOP OF WELL 643.30
TOP OF CASING 643.03

MONITORING WELL #7
TOP OF WELL 651.50
TOP OF CASING 651.23

MONITORING WELL #8
TOP OF WELL 640.91
TOP OF CASING 640.63

BRICK & FRAME APARTMENT BUILDING

1 STORY BRICK & FRAME BUILDING

BRICK & FRAME APARTMENT BUILDING No. 150

CORNERSTONE MANOR LP
L.11095, PG.8049

LANDSCAPED AREA

CATCH BASIN RIM:641.77' INV:639.57'

CATCH BASIN RIM:643.59' NO PIPES VISIBLE

CATCH BASIN RIM:642.34' INV:638.84' AT TOP OF CLEAN OUT

CATCH BASIN RIM:643.55' INV:642.05' TOP OF 2"CO

CATCH BASIN RIM:644.34' INV:640.84' AT TOP OF 6"

CATCH BASIN RIM:646.11' FULL OF DEBRIS

CATCH BASIN RIM:649.10' INV:647.75' SE 647.56' NE 647.27' NW

CATCH BASIN RIM:642.51 NW

CATCH BASIN RIM:643.81' INV:642.51 NW

CATCH BASIN RIM:642.41' NO PIPES VISIBLE

CATCH BASIN RIM:642.25 INV:642.25

CATCH BASIN RIM:643.48 FILLED WITH DEBRIS

CATCH BASIN RIM:644.58 INV:642.25

CATCH BASIN RIM:643.51 INV:639.98 S

CATCH BASIN RIM:643.64 INV:640.93 S

CATCH BASIN RIM:644.27 INV:637.61

CATCH BASIN RIM:644.07 INV:637.43 W/E INV:637.71 S

CATCH BASIN RIM:644.96' UNABLE TO OPEN

CATCH BASIN RIM:645.20' UNABLE TO OPEN

CATCH BASIN RIM:645.58 UNABLE TO OPEN

CATCH BASIN RIM:645.07' UNABLE TO OPEN

CATCH BASIN RIM:646.16' INV:639.13' N-SW

CATCH BASIN RIM:639.58 INV:636.83 N

CATCH BASIN RIM:639.23 INV:636.48 N

CATCH BASIN RIM:641.58 INV:637.81 4"STEEL

CATCH BASIN RIM:641.74' INV:635.70' W

CATCH BASIN RIM:639.61 INV:635.70' W

CATCH BASIN RIM:640.28 INV:637.74 6" BRICK

CATCH BASIN RIM:640.39 INV:637.74

STORM M.H RIM:639.96 INV:633.56 NW INV:633.81 SW INV:631.81 W/E

STORM M.H RIM:640.05 INV:632.78

STORM M.H RIM:640.91 INV:631.71

STORM M.H RIM:641.55 INV:634.67 INV:633.10

STORM M.H RIM:644.54 INV:635.30 N 12°W.V.C. INV:635.24 S 12°W.V.C. INV:635.46 E 6°W.V.C.

STORM M.H RIM:645.60' INV:636.32' S

STORM M.H RIM:644.20 INV:639.94 N INV:639.94 S

STORM M.H RIM:645.67' INV:639.45 W 24°C.P. INV:639.45 E 18"V.T.P.

STORM M.H RIM:645.67' INV:639.45 E 18"V.T.P.

STORM M.H RIM:649.86 INV:641.69 NE INV:641.16 W

STORM M.H RIM:643.55 INV:641.51 N INV:644.53 E INV:641.51 SE INV:640.11 W

STORM M.H RIM:643.78 INV:641.78 N 641.83 S/E

STORM M.H RIM:642.99 INV:635.12 N/S

SAN. M.H. RIM:639.56 INV:632.92 SE INV:632.43 N/S

SAN. M.H. RIM:640.00 INV:636.10 E

SAN. M.H. RIM:640.48' INV:633.03' NW-S 18"

SAN. M.H. RIM:640.18' INVERT:634.89' E-W

SAN. M.H. RIM:643.90 INV:635.18 N 635.19'S 635.77' SW

SAN. M.H. RIM:644.16' INVERT:638.09' S-NE

SAN. M.H. RIM:641.20 INV:633.96 E 633.66 W

SAN. M.H. RIM:642.15' INV:633.20'

SAN. M.H. RIM:643.53' INVERT:636.12" NW-S

SAN. M.H. RIM:649.37 INVERT:640.24 N/S

SAN. M.H. RIM:645.15' INV:634.91 N 24°C.P. INV:635.68 S 24°C.P. INV:637.58 SW 18"C.P. INV:637.23 SE 24°C.P.

SAN. M.H. RIM:645.20' INV:636.20 N-S 18"V.T.P. INV:636.85 SE 18"V.T.P.

SAN. M.H. RIM:645.38 UNABLE TO OPEN

N 88°52'04" W 319.91' MEAS.

N 88°52'04" W 253.21'

305.00' S 88°52'04" E

S 12°24'24" W 196.40'

S 89°58'28" E 67.83'

N 77°08'14" W 367.74' 396.91'

N 01°05'43" E 287.05'

N 01°05'43" E 340.83'

S 01°05'43" W 370.09'

N 12°17'24" E 26.41'

S 89°01'34" E 14.04'

N 89°01'34" W 314.04'

5.00' S 01°05'43" W 21.09'

N 88°52'04" W 245.32'

324.20' 258.84'

N 01°05'43" E 258.92' 212.31' REC = 212.42' MEAS.

S 88°59'59" E 689.41' REC ~ 689.52'MS

407.12'

282.41'

HIGHWAY BOUNDARY AT 49.5' WIDE

HIGHWAY BOUNDARY AT 66' WIDE

ASPHALT DRIVEWAY

ASPHALT PARKING LOT

GRAVEL PARKING LOT

CONCRETE APRON

WINDOW WELLS

CONC. ELEC ELEC

FRAME GARAGE

BRICK GARAGE

CONCRETE SIDEWALK

ASPHALT RAILROAD

GAS METER (TYP)

ELECC METER (TYP)

CO (TYP)

CO (TYP)*

*CO (TYP)

BRICK & FRAME APARTMENT BUILDING 7"=644.7

BRICK & FRAME APARTMENT BUILDING 7"=644.9

BRICK & FRAME APARTMENT BUILDING 7"=644.5

BRICK & FRAME APARTMENT BUILDING 7"=644.2

BRICK & FRAME APARTMENT BUILDING 7"=644.3

BRICK & FRAME APARTMENT BUILDING No. 150

1 STORY BRICK & FRAME BUILDING

LEGEND

- ANTENNA/DISH
- BM BENCHMARK
- BOL BOLLARD
- CB CATCH BASIN
- CO CLEANOUT
- COMMUNICATIONS BOX
- COMMUNICATIONS MANHOLE
- COM COMMUNICATIONS MARKER
- CV COMMUNICATIONS VAULT
- CONIFEROUS SHRUB
- CONIFEROUS TREE
- CUT
- DECIDUOUS SHRUB
- DECIDUOUS TREE
- DRILL/AUGER HOLE
- ELECTRIC MANHOLE
- ELECCTRIC METER
- END SECTION
- FILLER CAPS
- FLAG POLE
- FLOOD LIGHT
- GLM GAS LINE MARKER
- GAS MANHOLE
- GAS METER
- GSV GAS SERVICE VALVE
- GV GAS VALVE
- GUY WIRE
- HANDICAP PARKING
- HYD HYDRANT
- PROPERTY MONUMENT (AS DESCRIBED)
- LIGHT POLE
- MB MAILBOX
- MONUMENT AS DESCRIBED
- OLM OIL LINE MARKER
- PHONE BOOTH
- PARKING METER
- POST POST
- PVT POWER VAULT
- RAILROAD CONTROL BOX
- SANITARY SEWER MANHOLE
- SCUPPER
- SIGN (SINGLE POLE)
- SIGN (DOUBLE POLE)
- SIGN (TRIPLE POLE)
- SIGNAL POLE
- SIGNAL POLE (WITH TRAFFIC UTILITY BOX)
- STORM SEWER MANHOLE
- TRAFFIC CONTROL BOX
- TRAFFIC PULLBOX
- UNKNOWN MANHOLE
- UTILITY BOX
- UTILITY POLE
- UTILITY POLE WITH LIGHT

DATE	REVISION/TYPE
8/31/20	REVISED LOT SIZES

UTILITIES

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING RECORD DRAWINGS PROVIDED TO THE SURVEYOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO SUBSTANTIATE BURIED UTILITIES AND STRUCTURES. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. BEFORE EXCAVATIONS ARE BEGUN, THE APPROPRIATE AGENCIES SHOULD BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.

STATE OF NEW YORK · MARK J. ANDRES · 050441 · LICENSED LAND SURVEYOR

NOTES

1. VERTICAL CONTROL BASED UPON CITY OF BUFFALO DATUM
2. HORIZONTAL CONTROL GPS DERIVED NAD '83 (2011), NY WEST ZONE TRUE NORTH 78°35' MERIDIAN OF WEST LONGITUDE

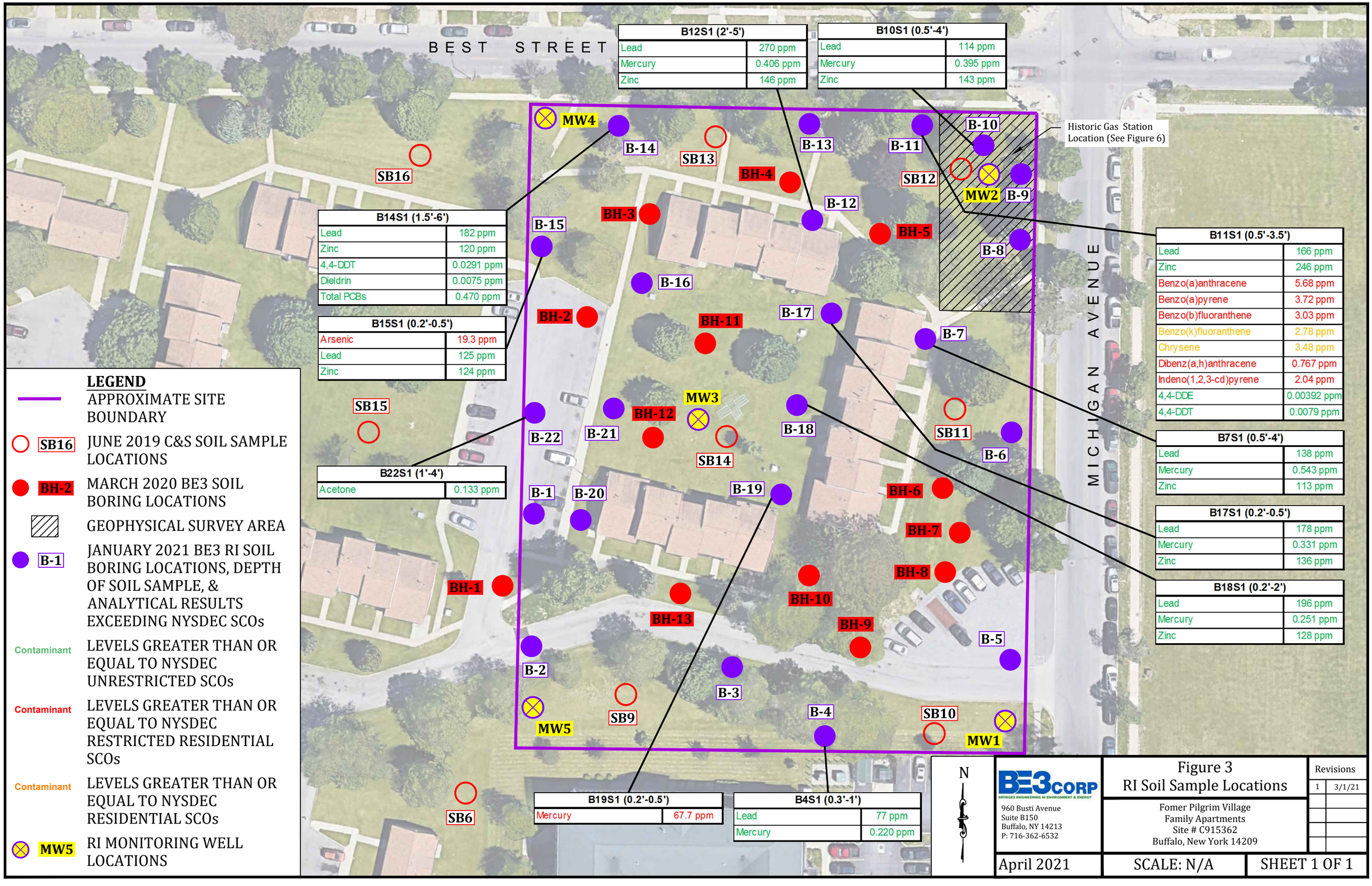
0 30 60 90

SCALE: 1" = 30'

PRELIMINARY PLAT
PART OF LOT 30, TOWNSHIP 11, RANGE 8
HOLLAND LAND SURVEY
CITY OF BUFFALO, ERIE COUNTY, NEW YORK

GPI ENGINEERING, LANDSCAPE ARCHITECTURE & SURVEYING, LLP
ENGINEERING • SURVEYING • LANDSCAPE ARCHITECTURE
4950 GENESEE STREET, SUITE 100
BUFFALO, NEW YORK 14225
(716) 633-4844 FAX 633-4940

Job No. 8260 Date: JUNE 1, 2020
Scale: 1" = 30' TAX No. 100.71-3-1.11 & 1.12



B12S1 (2'-5')	
Lead	270 ppm
Mercury	0.406 ppm
Zinc	146 ppm

B10S1 (0.5'-4')	
Lead	114 ppm
Mercury	0.395 ppm
Zinc	143 ppm

B14S1 (1.5'-6')	
Lead	182 ppm
Zinc	120 ppm
4,4-DDT	0.0291 ppm
Dieldrin	0.0075 ppm
Total PCBs	0.470 ppm

B15S1 (0.2'-0.5')	
Arsenic	19.3 ppm
Lead	125 ppm
Zinc	124 ppm

B22S1 (1'-4')	
Acetone	0.133 ppm

B19S1 (0.2'-0.5')	
Mercury	67.7 ppm

B4S1 (0.3'-1')	
Lead	77 ppm
Mercury	0.220 ppm

B11S1 (0.5'-3.5')	
Lead	166 ppm
Zinc	246 ppm
Benzo(a)anthracene	5.68 ppm
Benzo(a)pyrene	3.72 ppm
Benzo(b)fluoranthene	3.03 ppm
Benzo(k)fluoranthene	2.78 ppm
Chrysene	3.48 ppm
Dibenz(a,h)anthracene	0.767 ppm
Indeno(1,2,3-cd)pyrene	2.04 ppm
4,4-DDE	0.00392 ppm
4,4-DDT	0.0079 ppm

B7S1 (0.5'-4')	
Lead	138 ppm
Mercury	0.543 ppm
Zinc	113 ppm

B17S1 (0.2'-0.5')	
Lead	178 ppm
Mercury	0.331 ppm
Zinc	136 ppm

B18S1 (0.2'-2')	
Lead	196 ppm
Mercury	0.251 ppm
Zinc	128 ppm

LEGEND

- APPROXIMATE SITE BOUNDARY
- SB16 — JUNE 2019 C&S SOIL SAMPLE LOCATIONS
- BH-2 — MARCH 2020 BE3 SOIL BORING LOCATIONS
- GEOPHYSICAL SURVEY AREA
- B-1 — JANUARY 2021 BE3 RI SOIL BORING LOCATIONS, DEPTH OF SOIL SAMPLE, & ANALYTICAL RESULTS EXCEEDING NYSDEC SCOs
- Contaminant — LEVELS GREATER THAN OR EQUAL TO NYSDEC UNRESTRICTED SCOs
- Contaminant — LEVELS GREATER THAN OR EQUAL TO NYSDEC RESTRICTED RESIDENTIAL SCOs
- Contaminant — LEVELS GREATER THAN OR EQUAL TO NYSDEC RESIDENTIAL SCOs
- MW5 — RI MONITORING WELL LOCATIONS

N

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BROWNFIELDS ENGINEERING IN ENVIRONMENT & ENERGY
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Figure 3
RI Soil Sample Locations

Fomer Pilgrim Village
Family Apartments
Site # C915362
Buffalo, New York 14209

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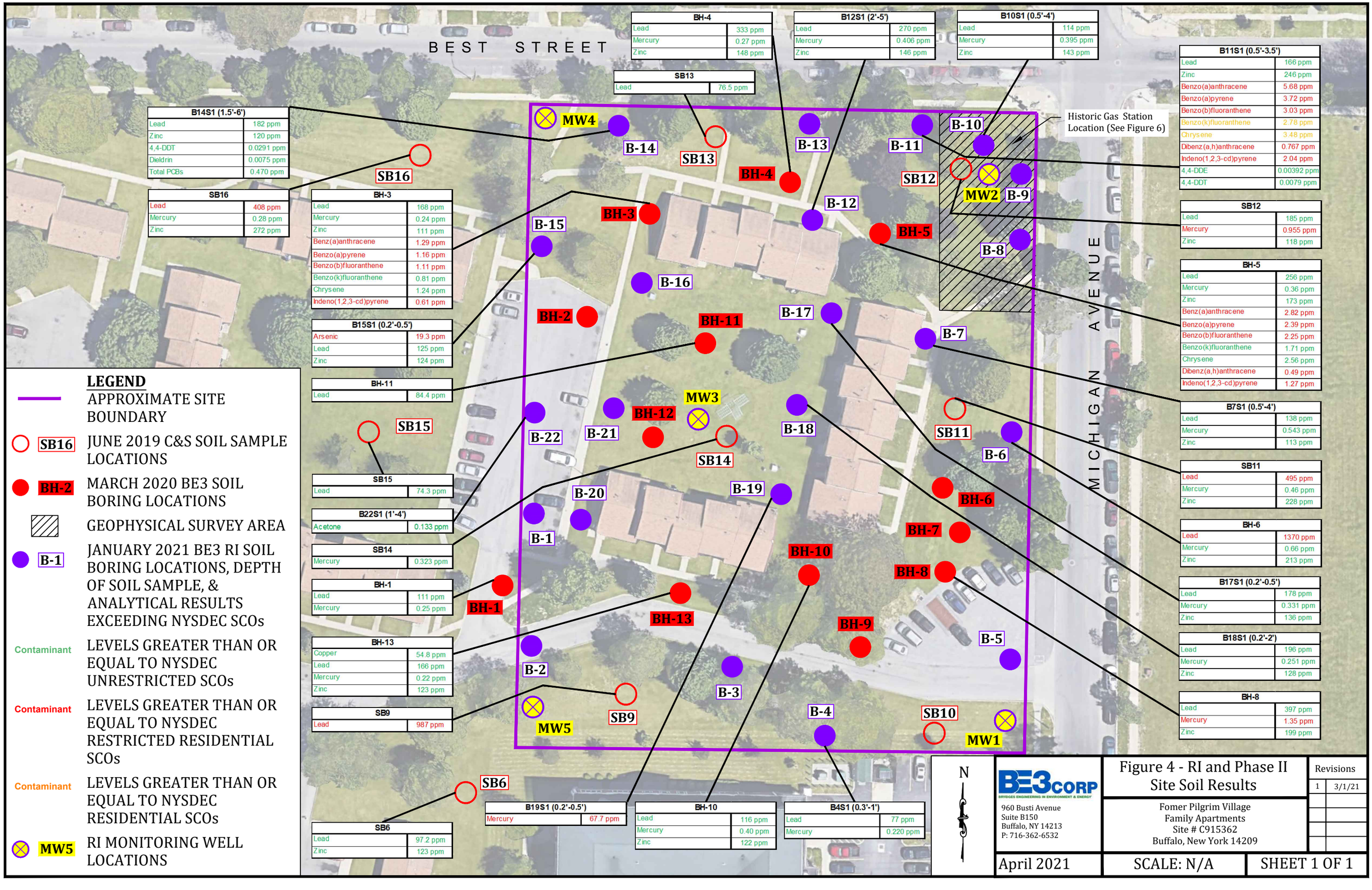

BH-4	
Lead	333 ppm
Mercury	0.27 ppm
Zinc	148 ppm

B12S1 (2'-5')	
Lead	270 ppm
Mercury	0.406 ppm
Zinc	146 ppm

B10S1 (0.5'-4')	
Lead	114 ppm
Mercury	0.395 ppm
Zinc	143 ppm

SB13	
Lead	76.5 ppm

B11S1 (0.5'-3.5')	
Lead	166 ppm
Zinc	246 ppm
Benzo(a)anthracene	5.68 ppm
Benzo(a)pyrene	3.72 ppm
Benzo(b)fluoranthene	3.03 ppm
Benzo(k)fluoranthene	2.78 ppm
Chrysene	3.48 ppm
Dibenz(a,h)anthracene	0.767 ppm
Indeno(1,2,3-cd)pyrene	2.04 ppm
4,4-DDE	0.00392 ppm
4,4-DDT	0.0079 ppm

B14S1 (1.5'-6')	
Lead	182 ppm
Zinc	120 ppm
4,4-DDT	0.0291 ppm
Dieldrin	0.0075 ppm
Total PCBs	0.470 ppm

SB16	
Lead	408 ppm
Mercury	0.28 ppm
Zinc	272 ppm

BH-3	
Lead	168 ppm
Mercury	0.24 ppm
Zinc	111 ppm
Benz(a)anthracene	1.29 ppm
Benzo(a)pyrene	1.16 ppm
Benzo(b)fluoranthene	1.11 ppm
Benzo(k)fluoranthene	0.81 ppm
Chrysene	1.24 ppm
Indeno(1,2,3-cd)pyrene	0.61 ppm

SB12	
Lead	185 ppm
Mercury	0.955 ppm
Zinc	118 ppm

B15S1 (0.2'-0.5')	
Arsenic	19.3 ppm
Lead	125 ppm
Zinc	124 ppm

BH-5	
Lead	256 ppm
Mercury	0.36 ppm
Zinc	173 ppm
Benz(a)anthracene	2.82 ppm
Benzo(a)pyrene	2.39 ppm
Benzo(b)fluoranthene	2.25 ppm
Benzo(k)fluoranthene	1.71 ppm
Chrysene	2.56 ppm
Dibenz(a,h)anthracene	0.49 ppm
Indeno(1,2,3-cd)pyrene	1.27 ppm

BH-11	
Lead	84.4 ppm

B7S1 (0.5'-4')	
Lead	138 ppm
Mercury	0.543 ppm
Zinc	113 ppm

SB15	
Lead	74.3 ppm

SB11	
Lead	495 ppm
Mercury	0.46 ppm
Zinc	228 ppm

B22S1 (1'-4')	
Acetone	0.133 ppm

BH-6	
Lead	1370 ppm
Mercury	0.66 ppm
Zinc	213 ppm

SB14	
Mercury	0.323 ppm

B17S1 (0.2'-0.5')	
Lead	178 ppm
Mercury	0.331 ppm
Zinc	136 ppm

BH-1	
Lead	111 ppm
Mercury	0.25 ppm

B18S1 (0.2'-2')	
Lead	196 ppm
Mercury	0.251 ppm
Zinc	128 ppm

BH-13	
Copper	54.8 ppm
Lead	166 ppm
Mercury	0.22 ppm
Zinc	123 ppm

BH-8	
Lead	397 ppm
Mercury	1.35 ppm
Zinc	199 ppm

SB9	
Lead	987 ppm

B19S1 (0.2'-0.5')	
Mercury	67.7 ppm

BH-10	
Lead	116 ppm
Mercury	0.40 ppm
Zinc	122 ppm

B4S1 (0.3'-1')	
Lead	77 ppm
Mercury	0.220 ppm

SB6	
Lead	97.2 ppm
Zinc	123 ppm

LEGEND

- APPROXIMATE SITE BOUNDARY
- SB16 — JUNE 2019 C&S SOIL SAMPLE LOCATIONS
- BH-2 — MARCH 2020 BE3 SOIL BORING LOCATIONS
- GEOPHYSICAL SURVEY AREA
- B-1 — JANUARY 2021 BE3 RI SOIL BORING LOCATIONS, DEPTH OF SOIL SAMPLE, & ANALYTICAL RESULTS EXCEEDING NYSDEC SCOs
- Contaminant — LEVELS GREATER THAN OR EQUAL TO NYSDEC UNRESTRICTED SCOs
- Contaminant — LEVELS GREATER THAN OR EQUAL TO NYSDEC RESTRICTED RESIDENTIAL SCOs
- Contaminant — LEVELS GREATER THAN OR EQUAL TO NYSDEC RESIDENTIAL SCOs
- MW5 — RI MONITORING WELL LOCATIONS

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Figure 4 - RI and Phase II Site Soil Results

Fomer Pilgrim Village
Family Apartments
Site # C915362
Buffalo, New York 14209

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BEST STREET

MICHIGAN AVENUE

MW4	
Magnesium	41.8 mg/L
Sodium	87.8 mg/L

MW2	
Magnesium	63.3 mg/L
Sodium	268 mg/L
1,2,4-Trimethylbenzene	0.175 mg/L
1,3,5-Trimethylbenzene	0.0343 mg/L
Ethylbenzene	0.0701 mg/L
Isopropylbenzene	0.0128 mg/L
n-Butylbenzene	0.00539 mg/L
n-Propylbenzene	0.0403 mg/L
m,p-Xylene	0.246 mg/L
o-Xylene	0.0129 mg/L

MW3	
Sodium	23.4 mg/L
Acetone	0.0767 mg/L

MW5	
Sodium	58.7 mg/L

MW1	
Magnesium	84.2 mg/L
Sodium	533 mg/L
Naphthalene	0.0768 mg/L

Historic Gas Station Location (See Figure 6)

634

635

636

APPROXIMATE GROUNDWATER FLOW DIRECTION

MW4 B-14 SB13 B-13 B-11 B-10 SB16 SB12 MW2 B-9 BH-4 BH-3 B-12 B-15 BH-5 B-8 B-16 BH-2 BH-11 B-17 B-7 SB15 MW3 BH-12 B-18 B-22 B-21 SB11 B-6 SB14 B-1 B-20 B-19 BH-6 BH-7 BH-1 BH-8 BH-10 BH-13 BH-9 B-5 B-2 B-3 B-4 SB10 SB9 MW5 MW1 SB6

LEGEND

- APPROXIMATE SITE BOUNDARY
- SB16 — JUNE 2019 C&S SOIL SAMPLE LOCATIONS
- BH-2 — MARCH 2020 BE3 SOIL BORING LOCATIONS
- GEOPHYSICAL SURVEY AREA
- B-1 — JANUARY 2021 BE3 RI SOIL BORING LOCATIONS, DEPTH OF SOIL SAMPLE, & ANALYTICAL RESULTS EXCEEDING NYSDEC SCOs
- MW5 — RI MONITORING WELL LOCATIONS
- GROUNDWATER ELEVATION CONTOURS

N

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Figure 5 - RI Groundwater Sample Locations/GWQS Exceedances/Contours

Fomer Pilgrim Village
Family Apartments
Site # C915362
Buffalo, New York 14209

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BEST STREET

(FORMERLY ELM STREET)

MICHIGAN AVENUE

Projected Gas Tank Locations

TP4

B-10

MW2

B-9

TP3

Historic Gas Station Structure

B-8

TP5

TP2

TP6

Projected Gas Tank Locations

TP1

TP1 (4'-4.5')	
Barium	969 ppm
Lead	2530 ppm
Total Mercury	0.189 ppm
Zinc	822 ppm
Xylenes	0.405 ppm

LEGEND

- APPROXIMATE SITE BOUNDARY
- HISTORIC PROPERTY BOUNDARY
- HISTORIC STRUCTURE
- B-# RI SOIL BORING LOCATIONS
- MW# RI MONITORING WELL LOCATIONS
- TP# RI TEST PIT LOCATIONS
- Contaminant LEVELS GREATER THAN OR EQUAL TO NYSDEC UNRESTRICTED SCOs
- Contaminant LEVELS GREATER THAN OR EQUAL TO NYSDEC RESTRICTED RESIDENTIAL SCOs

NOTE: This report uses information from a 1925-1951 Sanborn map.

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Figure 6
Historic Gas Station Location

Fomer Pilgrim Village
Family Apartments
Site # C915362
Buffalo, New York 14209

Revisions	
1	3/1/21

April 2021 | SCALE: N/A | SHEET 1 OF 1

APPENDIX A

MARCH 2020 ENVIRONMENTAL SITE ASSESSMENT

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

ENVIRONMENTAL SITE ASSESSMENT

PILGRIM VILLAGE
1100 MICHIGAN AVENUE
BUFFALO, NEW YORK

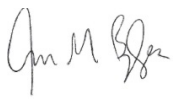
Prepared for:
SAAKC
150 SE 2nd Avenue
Suite 300
Miami, FL 33131

Prepared by:

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

1270 Niagara Street
Buffalo, NY 14213
716.249.6880 be3corp.com

March 2020

Prepared By: Peter J. Gorton, MPH CHCM	**Signature:** 	**Date:** April 2020	**Title:** BE3 – PM
Reviewed By: Jason M. Brydges, PE	**Signature:** 	**Date:** April 2020	**Title:** BE3 – PM

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TABLES

FIGURES/DRAWINGS

APPENDICES

1.0 INTRODUCTION

1.1 PURPOSE

Brydges Environment, Engineering, Energy/Panamerican Environmental, Inc. (BE3) performed a subsurface environmental site assessment (ESA) at the 1100 Michigan Avenue (Pilgrim Village) property, Buffalo NY (see **Figure 1**). The property contains a portion of the Pilgrim Village residential apartment complex. This assessment was relegated to the northwest area of the complex as that is the portion pertinent to future re-development by the client (refer to **Figure 2**). The purpose of the assessment was to obtain additional information and data for assessing the environmental impacts at the property and to use in a NYSDEC Brownfields Cleanup Program (BCP) application. The data collected for this report will be added to data from a previous recent Phase II ESA for assessment purposes.

A Phase I ESA and as mentioned a Phase II ESA were completed previously by others for the property.

1.2 BACKGROUND

1.2.1 General Site Setting

The Pilgrim Village Apartment complex is located on the block bounded by Best Street, Michigan Avenue, East North Street and Ellicott Street in Buffalo, New York, (refer to **Figure 1).** The portion that is the subject of this assessment is located at the southwest corner of Best and Michigan Streets. The entire complex has a total area of approximately 7.9 acres and the subject area is about 2-acres. The entire complex is currently occupied by twelve apartment buildings that were constructed sometime prior to 1981. Prior to the apartment complex the property was occupied by dense residential housing with several small shops, from the late 1800s through the mid 1970s. A gasoline filling station was located on the northeast corner parcel at Michigan and Best Streets from at least 1951 through at least the 1960s.

The area just east is one of the highest points in the City of Buffalo and one of the nearby streets - North Street- received its name because it was once the northern boundary of the Village and then the City of Buffalo. In the early 1800's (1832) the adjacent property to the east and the school property further east was set aside as a "Potter's Field" where victims of cholera epidemics, poor, indigent and those without religious affiliation could be buried. The cemetery was located on a parcel of former farmland bounded by Best, Cemetery (later Prospect and Masten Streets), North, and Michigan Streets. It remained in use as a paupers (or strangers) burying ground for the better part of the ensuing 40 or 50 years. It stopped being used as a cemetery by at least the mid-1880s. In 1885, the City hired renowned landscape architect Frederick Law Olmsted to convert the land, then surrounded by bustling neighborhoods, into a public park overlooking the city. Olmsted spent two years regrading and changing the land into park. In 1895, the City decided to build its second high school on the part of the cemetery land to the east of the subject property. Masten Park High School opened in 1897 under the leadership of Frank Fosdick. The original Masten Park High School burned down in March of 1912. The new Masten Park High School was designed by architects Esenwein and Johnson using the template of their 1903 Lafayette High School design and opened in the fall of 1914. Frank Fosdick served as principal until 1926. After his death in 1927 the school was renamed "Fosdick-Masten Park High School." The site became the present City Honors School in 1980. Human burials from the former potter's field were discovered during renovations on the adjacent school property in 2007. Based on the historical maps, it does not appear that human burials ever existed on the subject property.

1.2.2 Physical Setting

The Property is currently part of an apartment complex containing separate units and parking areas surrounded by grass covered lawns with some trees. A slightly elevated grass covered berm runs north south in front of the units along Michigan Street.

1.2.3 Historical Use

Prior to the apartment complex the property was occupied by dense residential housing with several small shops, from the late 1800s through the mid 1970s. A gasoline filling station was located on the northeast corner parcel at Michigan and Best Streets from at least 1951 through at least the 1960s.

1.2.4 Contaminants of Concern

The history and use of the subject property does not indicate significant potential environmental impacts with the exception of potentially impacted fill materials and the area of the former filling station in the northeast corner of the subject property. The primary contaminants associated with impacted fill or urban fill are specific SVOCs, mainly Polyaromatic hydrocarbon compounds (PAHs) and metals. The potential for petroleum impacts exists in the northeast corner however neither a previous Phase II ESA nor this subsurface assessment identified petroleum impacts in that area.

1.3 SCOPE

The objective of this environmental assessment was to determine the presence of environmental impacts from historical use at the property and adjacent to the subject property and to determine if the property qualifies for the NYSDEC BCP program. The assessment included near subsurface soil assessment through observation of depth of fill and overburden and sampling of fill materials across the parcel.

The subsurface assessment included the installation of a series of thirteen (13) Geoprobe® soil borings at designated locations (Refer to attached **Figure 2**). The scope included the collection of "worst-case" soil samples from a soil zone that indicated potential environmental impacts/fill conditions. Ten near surface soil samples were collected at locations across the property. Soil samples were analyzed for 6 NYCRR Part 375 SVOCs and metals. Analysis was restricted to these parameters based on the findings of a previous Phase II ESA completed on the property.

The soil borings were field located and were generally in the areas identified in the proposed scope with minor adjustments to accommodate the location of underground utility lines and visual observations. All soil borings were advanced at a minimum distance of 2.5 feet away from marked utilities, where present, to reduce the possibility of accidentally damaging an underground line. Assessment of subsurface conditions included visual/olfactory observations and volatile organic screening using a photoionization detector (PID) instrument scan of all the borings across the property. Soil from each boring was visually examined, and soil samples were collected from the ten (10) locations. The soil samples were submitted to a New York State approved laboratory for analysis of NYSDEC NYCRR Part 375 compounds indicated.

2.0 FIELD INVESTIGATIONS

The subsurface assessment field work was completed on a single day on March 12, 2020. A photolog of field operations is included as **Appendix 1,** and a summary of the field investigation methodology

and findings is presented in Sections 2.1 through 2.3.

2.1 SOIL SAMPLING

A total of thirteen (13) Geoprobe® soil borings designated BH-1 through BH-13 were advanced at specific locations across the property (refer to attached **Figure 2**). Soil borings were field located to assess the subsurface across the property and adjacent to the onsite buildings.

The Geoprobe field work was performed by BE3 and TREC Environmental, Inc (Geoprobe operator) during a one-day period on March 12, 2020. Borings were advanced to a depth of 8 to 12 feet below ground surface (bgs). The borings were completed using a fully equipped track mounted Geoprobe® unit which employs direct push technology. Continuous soil sampling was performed using Macro Core soil samplers measuring 44 inches in length and 1½ inches in diameter with acetate liners resulting in roughly four-foot length distinct sample cores (i.e., 0-4', 4-8', 8-12'). Each of the samplers was fitted with a new acetate liner prior to use.

Soil from each soil core was visually described and field screening of soil for volatile organic compound (VOC) concentrations was completed using a PID - MiniRae with a 10.2 eV Lamp). No elevated PID readings were observed at any of the boreholes. A total ten (10) subsurface/near-surface soil samples were collected in the fill material as follows:

- BH-1 at 0-2 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 2.5-foot bgs
- BH-2 at 0.5-1.5 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 1.5-foot bgs
- BH-3 at 1-3.5 feet bgs. Total depth of boring was 12 feet bgs into native reddish-brown clay. Fill was observed to 3.5-foot bgs
- BH-4 at 1-3.5 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 4-foot bgs
- BH-5 at 1-2 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 4-foot bgs
- BH-6 at 1-2.5 feet bgs. Total depth of boring was 12 feet bgs into native reddish-brown clay. Fill was observed to 4-foot bgs
- BH-7 – No soil sample collected. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 3.5-foot bgs
- BH-8 at 1-2.5 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 3-foot bgs
- BH-9 No soil sample collected. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 3.5-foot bgs
- BH-10 at 0.5-2 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 2-foot bgs
- BH-11 at 0.5-1.5 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 4-foot bgs
- BH-12 – No soil sample collected. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 4-foot bgs
- BH-13 at 0.5-1.5 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 2-foot bgs

Since no visual observations or elevated PID readings were found, sample depths corresponded to near-surface soil/fill material. The soil samples were submitted to Paradigm a NYSDEC approved

laboratory for analysis (refer to Section 2.3).

Stratification of material in the borings and observations were noted on boring logs (refer to **Appendix A**). Photographs of field activities are contained in **Appendix B**. Prior to conducting the subsurface investigation, all utilities were located, and areas identified. All sampling tools were cleaned with Alconox, double rinsed with tap water and rinsed with distilled water between sample collection points. All soil borings were backfilled and sealed with native soil.

In general, the geology is described as silty fill with some sand and gravel, pieces of brick, occasional concrete and cinder that varies in depth across the property ranging from 1.5 to 4 feet bgs. Below the fill layer is typically silty reddish-brown clay with some sand. There were some exceptions to this general geological description as noted on each borehole log. Boring logs are provided in **Appendix A** and Photographs of soil cores can be found in **Appendix B**.

2.2 Soil Screening

Field screening consisted of visual and olfactory observations. Field screening of all soil core samples for total VOCs was completed using a photoionization detector (PID). Soil cores from boreholes were transported to a staging area adjacent to each borehole. The acetate liners were cut, and the length of the core was examined visually and with the PID. Odors, PID results, if any and observations were noted on the boring logs. As indicated, no odors or elevated PID readings were observed. As indicated, samples were collected at each of the ten (10) locations in the fill for laboratory analysis.

2.3 Previous Phase II ESA

C&S Engineers, Inc. (C&S) completed a Limited Site Characterization of the larger Pilgrim Village property in July 2019 (report issued). This investigation overlapped with the portion of the property which is the subject of this report. A summary of their results is provided below in Section 3.0. Twenty-four soil borings (24) designated SB-01 through SB-24 were completed by TREC under C&S observation. The borings were advanced to depths ranging from approximately 8 to 12 feet bgs using a Geoprobe® direct-push sampling system. The locations of the soil borings that overlapped the area covered in this report are shown on **Table 2** and **Figure 2**.

2.4 Sampling Rationale

The purpose of the assessment was to assess potential environmental impacts requiring remediation and the potential order of magnitude cost of that cleanup and to obtain information and data for use in a Brownfields Cleanup Program (BCP) application. Based on historical information and property use as well as the visual observations in the field, emphasis was placed on delineating fill versus native soil as the objective was to focus on future use with regards to urban fill conditions, this approach was also deemed as appropriate and adequate to collect soil samples for BCP application purposes. The methods selected to assess the potential contamination at the property are appropriate to determine the extent of environmental impairment in near-surface soils/fill.

3.0 RESULTS

3.1 Subsurface Conditions

The borings indicate that subsurface conditions were typical of an urban, commercial setting. The fill material was primarily a mixture of non-native fill with mixtures of silt, sand and gravel, and some

miscellaneous materials such as brick, glass, and concrete. Below this fill, in most locations was the native red-brown silty clay.

3.2 ANALYTICAL RESULTS

The results of all soil samples analyzed, were compared to the New York State Brownfields Cleanup Program Soil Cleanup Objectives as presented in 6 NYCRR Part 375-6.8(b) Soil Cleanup Objectives (SCO). A summary of results from this assessment are provided in **Table 1** and the previous Phase II ESA in **Table 2**. Both are shown on Figure 2.The complete set of analytical data for this subsurface assessment is provided in **Appendix 2**.

The soil cleanup objectives (SCOs) listed in 6 NYCRR Part 375-6.8 pertain to sites governed under a NYSDEC environmental remediation program, and since the potential exists for the subject property to be included under the BCP, these SCOs are applicable and appropriate in terms of reporting exceedances. See **Tables 1&2** for the results of the near-surface soil samples compared to residential, and restricted residential SCOs in Part 375 and see the complete set of analytical data in **Appendix 2**.

Both this investigation and the C&S report noted that urban fill was encountered throughout the property. The soil sample analysis from their characterization indicated that the fill contained concentrations of metals and SVOCs above NYSDEC SCOs.

3.2.1 Subsurface-Near Surface Soil

Subsurface-Near Surface soil samples were collected at each of the ten (10) boring locations shown on **Figure 2**. Metals and/or SVOCs, were detected in all samples. Details of the exceedances are shown in **Table 1**. The following provides a summary of the subsurface soil contamination:

Semi-Volatile Organic Compounds

Of the ten (10) subsurface soil samples only BH-3 and BH-5 had reported SVOCs, mostly PAH compounds, above DEC SCOs. The PAHs Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluroranthene, , Dibenz(a,h)anthracene, and Indeno(1,2,3-cd)pyrene were all above restricted residential SCOs. The PAHs Benzo(k)fluroranthene and Chrysene were above unrestricted SCOs. Refer to **Table 1** for the specific results in comparison to the SCOs.

PAHs are a group of chemicals that are formed during incomplete burning of wood, coal, gas, garbage or other organic substances and are widely distributed in the environment and particularly in older urban environments where coal, gas, and petroleum were burned for heat and other energy uses. PAH compounds are common constituents of fill material found in urban environments, and are typically associated with both fill material, coal tar and asphalt-based materials or ash. These are frequently also found in railroad fill base material.

Metals

Metals were detected in all subsurface soils analyzed. Nine of the ten borehole soil samples were above unrestricted SCOs for various metals including lead, mercury and zinc. Borehole BH-2 was the exception. Two of the boreholes, BH-6 and BH-8 were above unrestricted levels; BH-6 was above for lead and BH-8 for mercury. Refer to **Table 1** for specific details on metal exceedances and concentrations/comparisons to SCOs.

Eight samples from the previous Phase II ESA completed in 2019 had metal exceedances above unrestricted SCOs. Three were above the restricted residential SCOs for lead and one was above the restricted SCOs for mercury. Refer to **Table 2** for a summary of the Phase II ESA results.

Figure 2 contains a summary of exceedances for both investigations data sets as found across the property.

4.0 CONCLUSIONS & RECOMMENDATIONS

The purpose of this assessment was to identify potential contamination in the near-surface soil at 1100 Michigan Street, Buffalo NY. Previous Phase II ESA results indicated elevated levels of metal compounds above SCOs in soils at the property and at adjacent properties.

Field observations and laboratory results indicate that there are urban fill conditions in the near-surface soil resulting in compounds above residential SCOs across the property. The fill depth varied from about one foot to four feet bgs across the property typically over reddish-brown silty clay which is common native soils in this area.

This subsurface assessment together with the previous Phase II ESA represent an assessment of near-subsurface environmental conditions at the property. Additional investigations would be necessary to fine tune remedial approaches, if warranted depending upon the future use of the property.

5.0 WARRANTS AND LIMITATIONS

This report is based on information from limited soil sampling and visual observations of the soils as well as a review of previous Phase I and II ESAs which included portions of the subject property. This report is intended exclusively for the purpose outlined herein at the site location and project indicated.

This report is intended for the sole use of SAAKC and others approved by the owner. The scope of services performed in this assessment may not be appropriate to satisfy the needs of other users and any use or reuse of this document or the findings, conclusions, or recommendations presented, is at the sole risk of the user.

The conclusions set forth in this report are based upon, and limited by, the analytical data and other information available. It should be noted that all surface and subsurface environmental assessments are inherently limited in the sense that conclusions are drawn, and recommendations developed from information obtained from limited data and site evaluation at a specific time. The passage of time may result in a change in environmental circumstances at this site and surrounding properties, or petroleum/hazardous materials beneath the surface may be present but undetectable during this limited subsurface assessment.

Opinions and recommendations presented herein apply to the site conditions existing at the time of the subsurface assessment and those reasonably foreseeable. They cannot necessarily apply to site changes, which are not made aware and therefore not been evaluated.

6.0 PROFESSIONAL STATEMENT/SIGNATURE

This subsurface assessment at 1100 Michigan Street, Buffalo NY was performed in conformance with the scope and limitations of ASTM Practice E 1903-11 for the specific objectives specified in the report. I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in 312.10 of 40CFR312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR 312.

April 7, 2020

Peter J. Gorton, MPH, CHCM — Date

Total Years of Environmental Work Experience – Over 40

TABLES

TABLE 1
1100 MICHICAN STREET - PILGRAM VILLAGE SOIL BORING SAMPLE ANALYTICAL RESULTS SUMMARY

Contaminants	Sample Identification												
	BH-1 (0-2')	BH-2 (0.5 -1.5')	BH-3 (1-3.5')	BH-4 (1 -3.5')	BH-5 (1-2')	BH-6 (1 -2.5')	BH-8 (1-2.5')	BH-10 (0.5 - 2')	BH-11 (0.5-1.5)	BH-13 (0.5-1.5')	Unrestricted	Residential	Restricted Residential
Sample Date	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20			
METALS													
Arsenic	6.04	3.8	6.8	6.1	5.49	7.4	4.2	2.9	3.0	5.13	13	16	16
Barium	92.3	23.2	75.2	106	112	234	128	75.9	61.5	80.0	350	350	400
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.2	14	72
Cadmium	1.08	0.62	0.81	0.683	1.05	1.02	0.575	0.615	0.530	0.810	2.5	2.5	4.3
Chromium	16.6	16.4	14.2	13.1	15.0	17.6	13.1	10.4	13.2	15.3	30	36	180
Copper	22.7	12.6	18	17.8	21.9	29.6	21.7	16.0	13.5	**54.8**	50	270	270
Lead	**111**	20.3	**168**	**333**	**256**	**1370**	**397**	**116**	**84.4**	**166**	63	400	400
Manganese	303	202	372	238	510	252	360	482	305	357	1600	2,000	2,000
Total Mercury	**0.25**	0.05	**0.24**	**0.274**	**0.364**	**0.660**	**1.35**	**0.395**	0.148	**0.220**	0.18	0.81	0.81
Nickel	15.8	16.1	11.4	11.2	11.5	13.3	7.30	7.88	10.2	13.6	30	140	310
Selenium	2.7	ND	1.8	ND	2.22	2.16	2.18	2.73	1.43	ND	3.9	36	180
Silver	1.13	0.67	0.96	0.693	0.767	0.762	0.663	0.764	0.693	0.840	2	36	180
Zinc	92	33.1	**111**	**148**	**173**	**213**	**199**	**122**	92.7	**123**	109	2200	10,000
SEMIVOLATILE ORGANIC COMPOUNDS													
Acenaphthene	ND	ND	ND	ND	0.7	ND	ND	ND	ND	ND	20	100	100
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	100	100
Anthracene	ND	ND	0.45	ND	1.64	ND	ND	ND	ND	ND	100	100	100
Benz(a)anthracene	ND	0.29	**1.29**	ND	**2.82**	ND	ND	ND	ND	ND	1	1	1
Benzo(a)pyrene	ND	0.45	**1.16**	ND	**2.39**	ND	ND	ND	ND	ND	1	1	1
Benzo(b)fluoranthene	ND	0.54	**1.11**	ND	**2.25**	ND	ND	ND	ND	ND	1	1	1
Benzo(g,h,i)perylene	ND	0.46	0.66	ND	1.36	ND	ND	ND	ND	ND	100	100	100
Benzo(k)fluoranthene	ND	0.41	**0.81**	ND	**1.71**	ND	ND	ND	ND	ND	0.8	1	3.9
Chrysene	ND	0.45	**1.24**	ND	**2.56**	ND	ND	ND	ND	ND	1	1	3.9
Dibenz(a,h)anthracene	ND	ND	ND	ND	**0.49**	ND	ND	ND	ND	ND	0.33	0.33	0.33
Fluoranthene	ND	0.69	2.91	ND	5.56	ND	0.46	ND	ND	0.32	100	100	100
Fluorene	ND	ND	ND	ND	0.88	ND	ND	ND	ND	ND	30	100	100
Indeno(1,2,3-cd)pyrene	ND	0.42	**0.61**	ND	**1.27**	ND	ND	ND	ND	ND	0.5	0.5	0.5
Naphthalene	ND	ND	ND	ND	0.89	ND	ND	ND	ND	ND	12	100	100
Phenanthrene	ND	ND	2.3	ND	5.45	ND	ND	ND	ND	ND	100	100	100
Pyrene	ND	0.6	2.3	ND	4.6	ND	0.43	ND	ND	ND	100	100	100

ND - Non-Detect NA - Not Applicable J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

>/= to Unrestricted/Residential/Restricted-Residential SCOs All values in ppm

>/= to Unrestricted only

TABLE 2

PILGRAM VILLAGE SOIL BORING SAMPLE ANALYTICAL RESULTS SUMMARY- PHASE 2 ESA JUNE 2019 By C&S

Contaminants	Sample Identification									Unrestricted	Residential	Restricted Residential
	SB-6 (2-3')	SB-9 (1 -2')	SB-10 (1-2')	SB-11 (4 -5')	SB-12 (1-2')	SB-13 (1 -2')	SB-14 (1-2')	SB-15 (1- 2')	SB-16 (4-5')			
Sample Date	6/6/19	6/6/19	6/6/19	6/6/19	6/6/19	6/6/19	6/6/19	6/6/19	6/6/19			
METALS												
Arsenic	5.70	6.8	1.8	5.97	5.91	5.4	2.5	3.9	8.1	13	16	16
Barium	125.0	106.0	45.6	153	118	68.5	27.9	64.8	144	350	350	400
Beryllium	0.46	0.54	0.23	0.21	0.25	0.35	0.15	0.4	0.31	7.2	14	72
Cadmium	0.53	ND	0.16	0.6	0.23	0.1	0.1	ND	0.17	2.5	2.5	4.3
Chromium	13.2	16.7	7.4	10.9	9.42	11.7	7.2	15	9.65	30	36	180
Copper	16.8	20.4	15,3	26.5	20.4	15.3	11.8	21.6	20.9	50	270	270
Lead	**97**	**987.0**	38	**495**	**185**	**76.5**	14.3	**74.3**	**408**	63	400	400
Manganese	1260	520	238	465	456	306	296	293	194	1600	2,000	2,000
Total Mercury	0.13	0.13	0.12	**0.47**	**0.96**	0.06	**0.32**	ND	**0.28**	0.18	0.81	0.81
Nickel	11.2	19.9	4.6	9.71	6.7	12.1	7.6	21.6	10.3	30	140	310
Selenium	0.3	ND	ND	0.79	ND	ND	ND	ND	ND	3.9	36	180
Silver	ND	ND	ND	0.5	ND	ND	ND	ND	ND	2	36	180
Zinc	**123**	92.4	87	**228**	**118**	96.6	78.4	79.1	**272**	109	2200	10,000

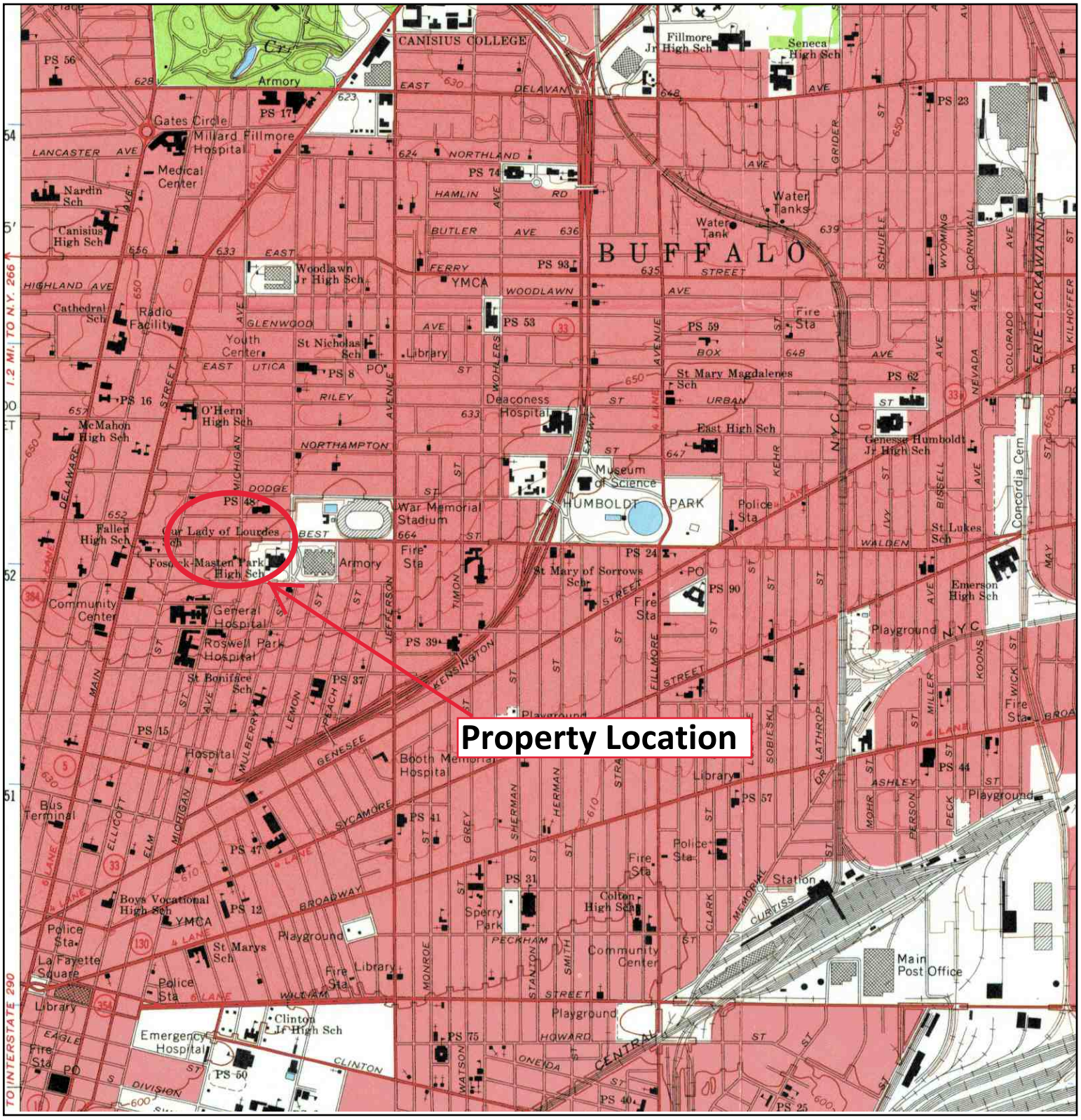
ND - Non-Detect NA - Not Applicable J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

>/= to Unrestricted/Residential/Restricted-Residential SCOs All values in ppm

>/= to Unrestricted only

FIGURES

Historical Topographic Map



N	
TARGET QUAD	
NAME:	BUFFALO NE
MAP YEAR:	1965
SERIES:	7.5
SCALE:	1:24000

FIGURE 1: Property Location

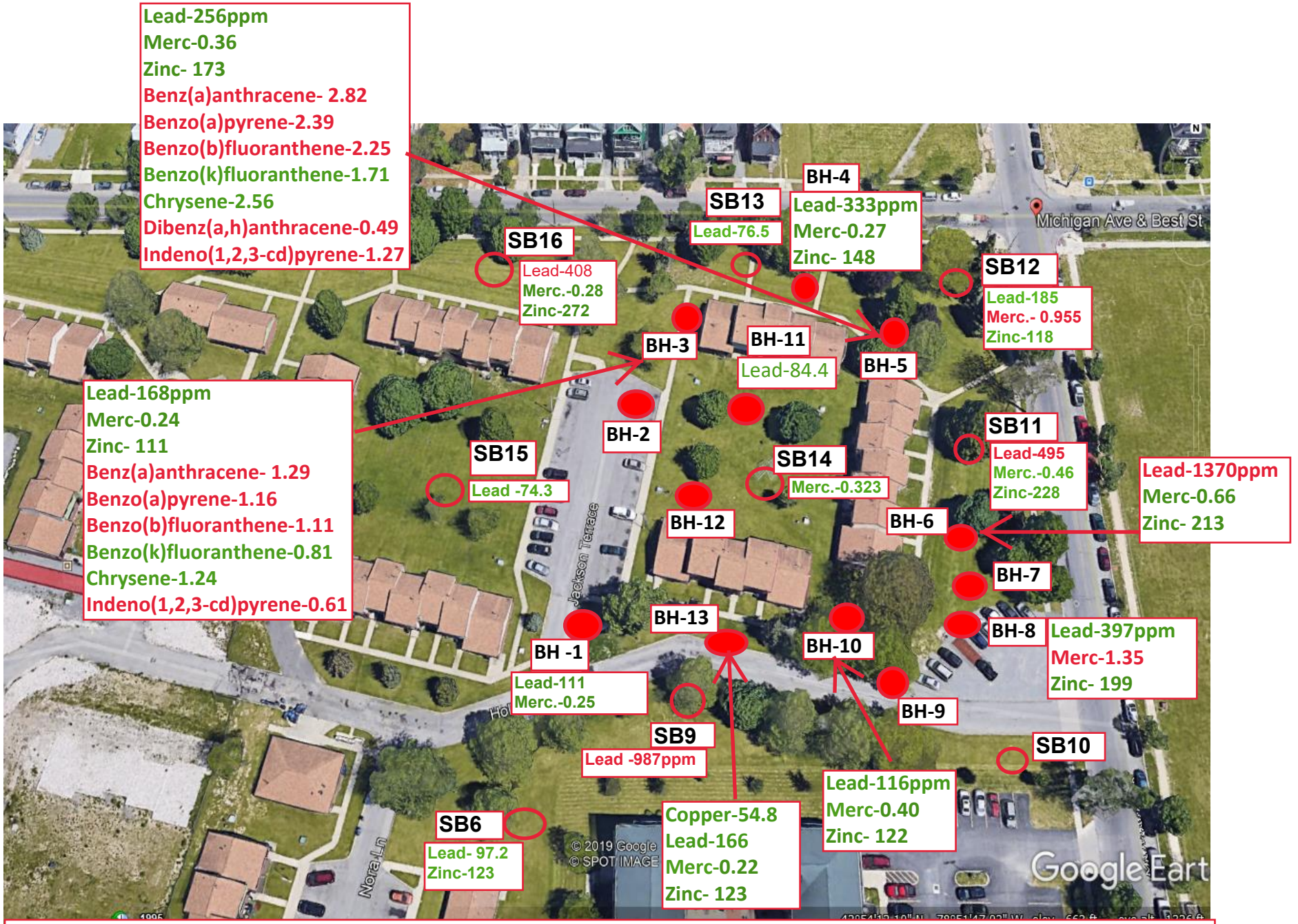


Figure - Boring Locations and Soil Sample Exceedances in ppm

Key: **June 2019 C&S Soil Sample Results**

March 2020 BE3 Soil Sampling Results

Greater Than or equal to Unrestricted/Residential/Restricted Residential SCOs

Greater Than or equal to Unrestricted SCOs

APPENDICES

APPENDIX 1

PHOTOGRAPHS

BE3 Photolog

Date: 3/12/20

1. Location of Borehole BH-1 at corner of Holloway Blvd. & Jackson Street from north facing south

2. Location of BH-1 from west facing east

3. Location of BH-1 from southwest facing northeast

4. Soil cores BH-1

BE3 Photolog

Date: 3/12/20

5. Location of BH-2 from west looking east at northwest corner of property exiting parking area

6. Location of BH-2 from northwest corner of property facing south

7. Soil cores from BH-2

8. Location of Borehole BH-3 at northwest corner of property from west facing east

BE3 Photolog

Date: 3/12/20

9. Location of BH-3 from northwest facing south east

10. Soil cores from BH-3

11. Location of Borehole BH-4 from north along Best Street facing south at north end of complex

12. Location of BH-4 from west facing east

BE3 Photolog

Date: 3/12/20

13. Soil cores from BH-4

14. Location of Borehole BH-5 from east facing west

15. Location of Borehole BH-5 from north facing South

16. Soil Cores from BH-5

BE3 Photolog

Date: 3/12/20

17. Location of Borehole BH-6 (Top of Berm) eastern side of property along Michigan Ave. from south facing north

18. Location of Borehole BH-6 from east along Michigan Avenue facing west

19. Soil cores from BH-6

20. Location of borehole BH-7 from south facing north

BE3 Photolog

Date: 3/12/20

21. Location of Borehole BH-7 east side of Michigan Ave. facing west

22. Soil cores from BH-7

23. Location of Borehole BH-8 from east facing west

24. Location of borehole BH-8 from north facing south

BE3 Photolog

Date: 3/12/20

25. Location of Borehole BH-9 east along Michigan Ave. facing west

26. Location of Borehole BH-9 from south facing north

27. Soil cores from BH-9

28. Location of borehole BH-10 from east facing west

BE3 Photolog

Date: 3/12/20

29. Location of Borehole BH-10 from south facing north

30. Soil cores from BH-10

31. Location of Borehole BH-11 from south facing north

32. Location of borehole BH-11 from west facing east

BE3 Photolog

Date: 3/12/20

33. Soil cores from Borehole BH-11

34. Location of Borehole BH-12 from west facing east

35. Location of Borehole BH-12 from north facing south

36. Soil cores from BH-12

BE3 Photolog

Date: 3/12/20

37. Location of Borehole BH-13 from south across Holloway Blvd. facing north

38. Location of Borehole BH-13 from east facing west along Holloway Blvd.

39. Soil cores from BH-13

APPENDIX 2

LAB DATA

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

BE3

For Lab Project ID

201123

Referencing

1100 Michigan Pilgrim Village

Prepared

Thursday, March 26, 2020

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-1 0-2 FT		
Lab Sample ID:	201123-01	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**6.04**	mg/Kg	D	3/23/2020 21:33
Barium	**92.3**	mg/Kg		3/23/2020 21:33
Beryllium	< 0.310	mg/Kg		3/23/2020 21:33
Cadmium	**1.08**	mg/Kg	D	3/23/2020 21:33
Chromium	**16.6**	mg/Kg		3/23/2020 21:33
Copper	**22.7**	mg/Kg		3/23/2020 21:33
Lead	**111**	mg/Kg	D	3/23/2020 21:33
Manganese	**303**	mg/Kg	M	3/23/2020 21:33
Nickel	**15.8**	mg/Kg	M	3/23/2020 21:33
Selenium	**2.66**	mg/Kg	M	3/23/2020 21:33
Silver	**1.13**	mg/Kg	D	3/23/2020 21:33
Zinc	**92.0**	mg/Kg	M	3/23/2020 21:33

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.254**	mg/Kg		3/18/2020 12:17

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 342	ug/Kg		3/17/2020 05:32
1,2,4,5-Tetrachlorobenzene	< 342	ug/Kg		3/17/2020 05:32
1,2,4-Trichlorobenzene	< 342	ug/Kg		3/17/2020 05:32
1,2-Dichlorobenzene	< 342	ug/Kg		3/17/2020 05:32

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-1 0-2 FT		
Lab Sample ID:	201123-01	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 342	ug/Kg	3/17/2020	05:32
1,4-Dichlorobenzene	< 342	ug/Kg	3/17/2020	05:32
2,2-Oxybis (1-chloropropane)	< 342	ug/Kg	3/17/2020	05:32
2,3,4,6-Tetrachlorophenol	< 342	ug/Kg	3/17/2020	05:32
2,4,5-Trichlorophenol	< 342	ug/Kg	3/17/2020	05:32
2,4,6-Trichlorophenol	< 342	ug/Kg	3/17/2020	05:32
2,4-Dichlorophenol	< 342	ug/Kg	3/17/2020	05:32
2,4-Dimethylphenol	< 342	ug/Kg	3/17/2020	05:32
2,4-Dinitrophenol	< 1370	ug/Kg	3/17/2020	05:32
2,4-Dinitrotoluene	< 342	ug/Kg	3/17/2020	05:32
2,6-Dinitrotoluene	< 342	ug/Kg	3/17/2020	05:32
2-Chloronaphthalene	< 342	ug/Kg	3/17/2020	05:32
2-Chlorophenol	< 342	ug/Kg	3/17/2020	05:32
2-Methylnapthalene	< 342	ug/Kg	3/17/2020	05:32
2-Methylphenol	< 342	ug/Kg	3/17/2020	05:32
2-Nitroaniline	< 342	ug/Kg	3/17/2020	05:32
2-Nitrophenol	< 342	ug/Kg	3/17/2020	05:32
3&4-Methylphenol	< 342	ug/Kg	3/17/2020	05:32
3,3'-Dichlorobenzidine	< 342	ug/Kg	3/17/2020	05:32
3-Nitroaniline	< 342	ug/Kg	3/17/2020	05:32
4,6-Dinitro-2-methylphenol	< 458	ug/Kg	3/17/2020	05:32
4-Bromophenyl phenyl ether	< 342	ug/Kg	3/17/2020	05:32
4-Chloro-3-methylphenol	< 342	ug/Kg	3/17/2020	05:32
4-Chloroaniline	< 342	ug/Kg	3/17/2020	05:32
4-Chlorophenyl phenyl ether	< 342	ug/Kg	3/17/2020	05:32
4-Nitroaniline	< 342	ug/Kg	3/17/2020	05:32
4-Nitrophenol	< 342	ug/Kg	3/17/2020	05:32
Acenaphthene	< 342	ug/Kg	3/17/2020	05:32
Acenaphthylene	< 342	ug/Kg	3/17/2020	05:32
Acetophenone	< 342	ug/Kg	3/17/2020	05:32

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-1 0-2 FT		
Lab Sample ID:	201123-01	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	< 342	ug/Kg	3/17/2020	05:32
Atrazine	< 342	ug/Kg	3/17/2020	05:32
Benzaldehyde	< 342	ug/Kg	3/17/2020	05:32
Benzo (a) anthracene	< 342	ug/Kg	3/17/2020	05:32
Benzo (a) pyrene	< 342	ug/Kg	3/17/2020	05:32
Benzo (b) fluoranthene	< 342	ug/Kg	3/17/2020	05:32
Benzo (g,h,i) perylene	< 342	ug/Kg	3/17/2020	05:32
Benzo (k) fluoranthene	< 342	ug/Kg	3/17/2020	05:32
Bis (2-chloroethoxy) methane	< 342	ug/Kg	3/17/2020	05:32
Bis (2-chloroethyl) ether	< 342	ug/Kg	3/17/2020	05:32
Bis (2-ethylhexyl) phthalate	< 342	ug/Kg	3/17/2020	05:32
Butylbenzylphthalate	< 342	ug/Kg	3/17/2020	05:32
Caprolactam	< 342	ug/Kg	3/17/2020	05:32
Carbazole	< 342	ug/Kg	3/17/2020	05:32
Chrysene	< 342	ug/Kg	3/17/2020	05:32
Dibenz (a,h) anthracene	< 342	ug/Kg	3/17/2020	05:32
Dibenzofuran	< 342	ug/Kg	3/17/2020	05:32
Diethyl phthalate	< 342	ug/Kg	3/17/2020	05:32
Dimethyl phthalate	< 342	ug/Kg	3/17/2020	05:32
Di-n-butyl phthalate	< 342	ug/Kg	3/17/2020	05:32
Di-n-octylphthalate	< 342	ug/Kg	3/17/2020	05:32
Fluoranthene	< 342	ug/Kg	3/17/2020	05:32
Fluorene	< 342	ug/Kg	3/17/2020	05:32
Hexachlorobenzene	< 342	ug/Kg	3/17/2020	05:32
Hexachlorobutadiene	< 342	ug/Kg	3/17/2020	05:32
Hexachlorocyclopentadiene	< 1370	ug/Kg	3/17/2020	05:32
Hexachloroethane	< 342	ug/Kg	3/17/2020	05:32
Indeno (1,2,3-cd) pyrene	< 342	ug/Kg	3/17/2020	05:32
Isophorone	< 342	ug/Kg	3/17/2020	05:32
Naphthalene	< 342	ug/Kg	3/17/2020	05:32

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-1 0-2 FT		
Lab Sample ID:	201123-01	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 342	ug/Kg		3/17/2020 05:32
N-Nitroso-di-n-propylamine	< 342	ug/Kg		3/17/2020 05:32
N-Nitrosodiphenylamine	< 342	ug/Kg		3/17/2020 05:32
Pentachlorophenol	< 684	ug/Kg		3/17/2020 05:32
Phenanthrene	< 342	ug/Kg		3/17/2020 05:32
Phenol	< 342	ug/Kg		3/17/2020 05:32
Pyrene	< 342	ug/Kg		3/17/2020 05:32

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**69.7**	35.1 - 89.5		3/17/2020 05:32
2-Fluorobiphenyl	**69.7**	37.7 - 81.4		3/17/2020 05:32
2-Fluorophenol	**63.7**	40.2 - 77		3/17/2020 05:32
Nitrobenzene-d5	**67.0**	36.2 - 78.4		3/17/2020 05:32
Phenol-d5	**67.0**	41.2 - 77.1		3/17/2020 05:32
Terphenyl-d14	**76.6**	39.8 - 97.5		3/17/2020 05:32

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45116.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-2 0.5-1.5 FT		
Lab Sample ID:	201123-02	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**3.77**	mg/Kg		3/23/2020 21:46
Barium	**23.2**	mg/Kg		3/23/2020 21:46
Beryllium	< 0.251	mg/Kg		3/23/2020 21:46
Cadmium	**0.624**	mg/Kg		3/23/2020 21:46
Chromium	**16.4**	mg/Kg		3/23/2020 21:46
Copper	**12.6**	mg/Kg		3/23/2020 21:46
Lead	**20.3**	mg/Kg		3/23/2020 21:46
Manganese	**202**	mg/Kg		3/23/2020 21:46
Nickel	**16.1**	mg/Kg		3/23/2020 21:46
Selenium	< 3.01	mg/Kg		3/24/2020 10:30
Silver	**0.671**	mg/Kg		3/23/2020 21:46
Zinc	**33.1**	mg/Kg		3/23/2020 21:46

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0468**	mg/Kg		3/18/2020 12:19

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 266	ug/Kg		3/17/2020 06:02
1,2,4,5-Tetrachlorobenzene	< 266	ug/Kg		3/17/2020 06:02
1,2,4-Trichlorobenzene	< 266	ug/Kg		3/17/2020 06:02
1,2-Dichlorobenzene	< 266	ug/Kg		3/17/2020 06:02

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-2 0.5-1.5 FT		
Lab Sample ID:	201123-02	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 266	ug/Kg	3/17/2020	06:02
1,4-Dichlorobenzene	< 266	ug/Kg	3/17/2020	06:02
2,2-Oxybis (1-chloropropane)	< 266	ug/Kg	3/17/2020	06:02
2,3,4,6-Tetrachlorophenol	< 266	ug/Kg	3/17/2020	06:02
2,4,5-Trichlorophenol	< 266	ug/Kg	3/17/2020	06:02
2,4,6-Trichlorophenol	< 266	ug/Kg	3/17/2020	06:02
2,4-Dichlorophenol	< 266	ug/Kg	3/17/2020	06:02
2,4-Dimethylphenol	< 266	ug/Kg	3/17/2020	06:02
2,4-Dinitrophenol	< 1060	ug/Kg	3/17/2020	06:02
2,4-Dinitrotoluene	< 266	ug/Kg	3/17/2020	06:02
2,6-Dinitrotoluene	< 266	ug/Kg	3/17/2020	06:02
2-Chloronaphthalene	< 266	ug/Kg	3/17/2020	06:02
2-Chlorophenol	< 266	ug/Kg	3/17/2020	06:02
2-Methylnapthalene	< 266	ug/Kg	3/17/2020	06:02
2-Methylphenol	< 266	ug/Kg	3/17/2020	06:02
2-Nitroaniline	< 266	ug/Kg	3/17/2020	06:02
2-Nitrophenol	< 266	ug/Kg	3/17/2020	06:02
3&4-Methylphenol	< 266	ug/Kg	3/17/2020	06:02
3,3'-Dichlorobenzidine	< 266	ug/Kg	3/17/2020	06:02
3-Nitroaniline	< 266	ug/Kg	3/17/2020	06:02
4,6-Dinitro-2-methylphenol	< 356	ug/Kg	3/17/2020	06:02
4-Bromophenyl phenyl ether	< 266	ug/Kg	3/17/2020	06:02
4-Chloro-3-methylphenol	< 266	ug/Kg	3/17/2020	06:02
4-Chloroaniline	< 266	ug/Kg	3/17/2020	06:02
4-Chlorophenyl phenyl ether	< 266	ug/Kg	3/17/2020	06:02
4-Nitroaniline	< 266	ug/Kg	3/17/2020	06:02
4-Nitrophenol	< 266	ug/Kg	3/17/2020	06:02
Acenaphthene	< 266	ug/Kg	3/17/2020	06:02
Acenaphthylene	< 266	ug/Kg	3/17/2020	06:02
Acetophenone	< 266	ug/Kg	3/17/2020	06:02

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-2 0.5-1.5 FT		
Lab Sample ID:	201123-02	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	< 266	ug/Kg	3/17/2020	06:02
Atrazine	< 266	ug/Kg	3/17/2020	06:02
Benzaldehyde	< 266	ug/Kg	3/17/2020	06:02
Benzo (a) anthracene	**294**	ug/Kg	3/17/2020	06:02
Benzo (a) pyrene	**452**	ug/Kg	3/17/2020	06:02
Benzo (b) fluoranthene	**537**	ug/Kg	3/17/2020	06:02
Benzo (g,h,i) perylene	**459**	ug/Kg	3/17/2020	06:02
Benzo (k) fluoranthene	**406**	ug/Kg	3/17/2020	06:02
Bis (2-chloroethoxy) methane	< 266	ug/Kg	3/17/2020	06:02
Bis (2-chloroethyl) ether	< 266	ug/Kg	3/17/2020	06:02
Bis (2-ethylhexyl) phthalate	< 266	ug/Kg	3/17/2020	06:02
Butylbenzylphthalate	< 266	ug/Kg	3/17/2020	06:02
Caprolactam	< 266	ug/Kg	3/17/2020	06:02
Carbazole	< 266	ug/Kg	3/17/2020	06:02
Chrysene	**450**	ug/Kg	3/17/2020	06:02
Dibenz (a,h) anthracene	< 266	ug/Kg	3/17/2020	06:02
Dibenzofuran	< 266	ug/Kg	3/17/2020	06:02
Diethyl phthalate	< 266	ug/Kg	3/17/2020	06:02
Dimethyl phthalate	< 266	ug/Kg	3/17/2020	06:02
Di-n-butyl phthalate	< 266	ug/Kg	3/17/2020	06:02
Di-n-octylphthalate	< 266	ug/Kg	3/17/2020	06:02
Fluoranthene	**692**	ug/Kg	3/17/2020	06:02
Fluorene	< 266	ug/Kg	3/17/2020	06:02
Hexachlorobenzene	< 266	ug/Kg	3/17/2020	06:02
Hexachlorobutadiene	< 266	ug/Kg	3/17/2020	06:02
Hexachlorocyclopentadiene	< 1060	ug/Kg	3/17/2020	06:02
Hexachloroethane	< 266	ug/Kg	3/17/2020	06:02
Indeno (1,2,3-cd) pyrene	**416**	ug/Kg	3/17/2020	06:02
Isophorone	< 266	ug/Kg	3/17/2020	06:02
Naphthalene	< 266	ug/Kg	3/17/2020	06:02

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-2 0.5-1.5 FT		
Lab Sample ID:	201123-02	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 266	ug/Kg	3/17/2020	06:02
N-Nitroso-di-n-propylamine	< 266	ug/Kg	3/17/2020	06:02
N-Nitrosodiphenylamine	< 266	ug/Kg	3/17/2020	06:02
Pentachlorophenol	< 532	ug/Kg	3/17/2020	06:02
Phenanthrene	< 266	ug/Kg	3/17/2020	06:02
Phenol	< 266	ug/Kg	3/17/2020	06:02
Pyrene	**600**	ug/Kg	3/17/2020	06:02

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
2,4,6-Tribromophenol	**74.6**	35.1 - 89.5		3/17/2020	06:02
2-Fluorobiphenyl	**76.9**	37.7 - 81.4		3/17/2020	06:02
2-Fluorophenol	**71.3**	40.2 - 77		3/17/2020	06:02
Nitrobenzene-d5	**74.5**	36.2 - 78.4		3/17/2020	06:02
Phenol-d5	**74.1**	41.2 - 77.1		3/17/2020	06:02
Terphenyl-d14	**79.7**	39.8 - 97.5		3/17/2020	06:02

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45117.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-3 1.0-3.5 FT		
Lab Sample ID:	201123-03	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**6.82**	mg/Kg		3/23/2020 21:51
Barium	**75.2**	mg/Kg		3/23/2020 21:51
Beryllium	< 0.297	mg/Kg		3/23/2020 21:51
Cadmium	**0.819**	mg/Kg		3/23/2020 21:51
Chromium	**14.2**	mg/Kg		3/23/2020 21:51
Copper	**18.0**	mg/Kg		3/23/2020 21:51
Lead	**168**	mg/Kg		3/23/2020 21:51
Manganese	**372**	mg/Kg		3/23/2020 21:51
Nickel	**11.4**	mg/Kg		3/23/2020 21:51
Selenium	**1.79**	mg/Kg		3/23/2020 21:51
Silver	**0.960**	mg/Kg		3/23/2020 21:51
Zinc	**111**	mg/Kg		3/23/2020 21:51

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.236**	mg/Kg		3/18/2020 12:21

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 360	ug/Kg		3/17/2020 06:32
1,2,4,5-Tetrachlorobenzene	< 360	ug/Kg		3/17/2020 06:32
1,2,4-Trichlorobenzene	< 360	ug/Kg		3/17/2020 06:32
1,2-Dichlorobenzene	< 360	ug/Kg		3/17/2020 06:32

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-3 1.0-3.5 FT		
Lab Sample ID:	201123-03	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 360	ug/Kg	3/17/2020	06:32
1,4-Dichlorobenzene	< 360	ug/Kg	3/17/2020	06:32
2,2-Oxybis (1-chloropropane)	< 360	ug/Kg	3/17/2020	06:32
2,3,4,6-Tetrachlorophenol	< 360	ug/Kg	3/17/2020	06:32
2,4,5-Trichlorophenol	< 360	ug/Kg	3/17/2020	06:32
2,4,6-Trichlorophenol	< 360	ug/Kg	3/17/2020	06:32
2,4-Dichlorophenol	< 360	ug/Kg	3/17/2020	06:32
2,4-Dimethylphenol	< 360	ug/Kg	3/17/2020	06:32
2,4-Dinitrophenol	< 1440	ug/Kg	3/17/2020	06:32
2,4-Dinitrotoluene	< 360	ug/Kg	3/17/2020	06:32
2,6-Dinitrotoluene	< 360	ug/Kg	3/17/2020	06:32
2-Chloronaphthalene	< 360	ug/Kg	3/17/2020	06:32
2-Chlorophenol	< 360	ug/Kg	3/17/2020	06:32
2-Methylnapthalene	< 360	ug/Kg	3/17/2020	06:32
2-Methylphenol	< 360	ug/Kg	3/17/2020	06:32
2-Nitroaniline	< 360	ug/Kg	3/17/2020	06:32
2-Nitrophenol	< 360	ug/Kg	3/17/2020	06:32
3&4-Methylphenol	< 360	ug/Kg	3/17/2020	06:32
3,3'-Dichlorobenzidine	< 360	ug/Kg	3/17/2020	06:32
3-Nitroaniline	< 360	ug/Kg	3/17/2020	06:32
4,6-Dinitro-2-methylphenol	< 481	ug/Kg	3/17/2020	06:32
4-Bromophenyl phenyl ether	< 360	ug/Kg	3/17/2020	06:32
4-Chloro-3-methylphenol	< 360	ug/Kg	3/17/2020	06:32
4-Chloroaniline	< 360	ug/Kg	3/17/2020	06:32
4-Chlorophenyl phenyl ether	< 360	ug/Kg	3/17/2020	06:32
4-Nitroaniline	< 360	ug/Kg	3/17/2020	06:32
4-Nitrophenol	< 360	ug/Kg	3/17/2020	06:32
Acenaphthene	< 360	ug/Kg	3/17/2020	06:32
Acenaphthylene	< 360	ug/Kg	3/17/2020	06:32
Acetophenone	< 360	ug/Kg	3/17/2020	06:32

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-3 1.0-3.5 FT		
Lab Sample ID:	201123-03	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	**452**	ug/Kg	3/17/2020	06:32
Atrazine	< 360	ug/Kg	3/17/2020	06:32
Benzaldehyde	< 360	ug/Kg	3/17/2020	06:32
Benzo (a) anthracene	**1290**	ug/Kg	3/17/2020	06:32
Benzo (a) pyrene	**1160**	ug/Kg	3/17/2020	06:32
Benzo (b) fluoranthene	**1110**	ug/Kg	3/17/2020	06:32
Benzo (g,h,i) perylene	**655**	ug/Kg	3/17/2020	06:32
Benzo (k) fluoranthene	**812**	ug/Kg	3/17/2020	06:32
Bis (2-chloroethoxy) methane	< 360	ug/Kg	3/17/2020	06:32
Bis (2-chloroethyl) ether	< 360	ug/Kg	3/17/2020	06:32
Bis (2-ethylhexyl) phthalate	< 360	ug/Kg	3/17/2020	06:32
Butylbenzylphthalate	< 360	ug/Kg	3/17/2020	06:32
Caprolactam	< 360	ug/Kg	3/17/2020	06:32
Carbazole	< 360	ug/Kg	3/17/2020	06:32
Chrysene	**1240**	ug/Kg	3/17/2020	06:32
Dibenz (a,h) anthracene	< 360	ug/Kg	3/17/2020	06:32
Dibenzofuran	< 360	ug/Kg	3/17/2020	06:32
Diethyl phthalate	< 360	ug/Kg	3/17/2020	06:32
Dimethyl phthalate	< 360	ug/Kg	3/17/2020	06:32
Di-n-butyl phthalate	< 360	ug/Kg	3/17/2020	06:32
Di-n-octylphthalate	< 360	ug/Kg	3/17/2020	06:32
Fluoranthene	**2910**	ug/Kg	3/17/2020	06:32
Fluorene	< 360	ug/Kg	3/17/2020	06:32
Hexachlorobenzene	< 360	ug/Kg	3/17/2020	06:32
Hexachlorobutadiene	< 360	ug/Kg	3/17/2020	06:32
Hexachlorocyclopentadiene	< 1440	ug/Kg	3/17/2020	06:32
Hexachloroethane	< 360	ug/Kg	3/17/2020	06:32
Indeno (1,2,3-cd) pyrene	**608**	ug/Kg	3/17/2020	06:32
Isophorone	< 360	ug/Kg	3/17/2020	06:32
Naphthalene	< 360	ug/Kg	3/17/2020	06:32

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-3 1.0-3.5 FT		
Lab Sample ID:	201123-03	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 360	ug/Kg		3/17/2020 06:32
N-Nitroso-di-n-propylamine	< 360	ug/Kg		3/17/2020 06:32
N-Nitrosodiphenylamine	< 360	ug/Kg		3/17/2020 06:32
Pentachlorophenol	< 719	ug/Kg		3/17/2020 06:32
Phenanthrene	**2360**	ug/Kg		3/17/2020 06:32
Phenol	< 360	ug/Kg		3/17/2020 06:32
Pyrene	**2290**	ug/Kg		3/17/2020 06:32

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**75.4**	35.1 - 89.5		3/17/2020 06:32
2-Fluorobiphenyl	**73.2**	37.7 - 81.4		3/17/2020 06:32
2-Fluorophenol	**66.9**	40.2 - 77		3/17/2020 06:32
Nitrobenzene-d5	**70.0**	36.2 - 78.4		3/17/2020 06:32
Phenol-d5	**70.0**	41.2 - 77.1		3/17/2020 06:32
Terphenyl-d14	**77.0**	39.8 - 97.5		3/17/2020 06:32

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45118.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-4 1.0-3.5 FT		
Lab Sample ID:	201123-04	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**6.09**	mg/Kg		3/23/2020 22:05
Barium	**106**	mg/Kg		3/23/2020 22:05
Beryllium	< 0.277	mg/Kg		3/23/2020 22:05
Cadmium	**0.683**	mg/Kg		3/23/2020 22:05
Chromium	**13.1**	mg/Kg		3/23/2020 22:05
Copper	**17.8**	mg/Kg		3/23/2020 22:05
Lead	**333**	mg/Kg		3/23/2020 22:05
Manganese	**238**	mg/Kg		3/23/2020 22:05
Nickel	**11.2**	mg/Kg		3/23/2020 22:05
Selenium	< 1.11	mg/Kg		3/23/2020 22:05
Silver	**0.693**	mg/Kg		3/23/2020 22:05
Zinc	**148**	mg/Kg		3/23/2020 22:05

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.274**	mg/Kg		3/18/2020 12:23

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 323	ug/Kg		3/17/2020 07:01
1,2,4,5-Tetrachlorobenzene	< 323	ug/Kg		3/17/2020 07:01
1,2,4-Trichlorobenzene	< 323	ug/Kg		3/17/2020 07:01
1,2-Dichlorobenzene	< 323	ug/Kg		3/17/2020 07:01

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-4 1.0-3.5 FT		
Lab Sample ID:	201123-04	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 323	ug/Kg	3/17/2020	07:01
1,4-Dichlorobenzene	< 323	ug/Kg	3/17/2020	07:01
2,2-Oxybis (1-chloropropane)	< 323	ug/Kg	3/17/2020	07:01
2,3,4,6-Tetrachlorophenol	< 323	ug/Kg	3/17/2020	07:01
2,4,5-Trichlorophenol	< 323	ug/Kg	3/17/2020	07:01
2,4,6-Trichlorophenol	< 323	ug/Kg	3/17/2020	07:01
2,4-Dichlorophenol	< 323	ug/Kg	3/17/2020	07:01
2,4-Dimethylphenol	< 323	ug/Kg	3/17/2020	07:01
2,4-Dinitrophenol	< 1290	ug/Kg	3/17/2020	07:01
2,4-Dinitrotoluene	< 323	ug/Kg	3/17/2020	07:01
2,6-Dinitrotoluene	< 323	ug/Kg	3/17/2020	07:01
2-Chloronaphthalene	< 323	ug/Kg	3/17/2020	07:01
2-Chlorophenol	< 323	ug/Kg	3/17/2020	07:01
2-Methylnapthalene	< 323	ug/Kg	3/17/2020	07:01
2-Methylphenol	< 323	ug/Kg	3/17/2020	07:01
2-Nitroaniline	< 323	ug/Kg	3/17/2020	07:01
2-Nitrophenol	< 323	ug/Kg	3/17/2020	07:01
3&4-Methylphenol	< 323	ug/Kg	3/17/2020	07:01
3,3'-Dichlorobenzidine	< 323	ug/Kg	3/17/2020	07:01
3-Nitroaniline	< 323	ug/Kg	3/17/2020	07:01
4,6-Dinitro-2-methylphenol	< 432	ug/Kg	3/17/2020	07:01
4-Bromophenyl phenyl ether	< 323	ug/Kg	3/17/2020	07:01
4-Chloro-3-methylphenol	< 323	ug/Kg	3/17/2020	07:01
4-Chloroaniline	< 323	ug/Kg	3/17/2020	07:01
4-Chlorophenyl phenyl ether	< 323	ug/Kg	3/17/2020	07:01
4-Nitroaniline	< 323	ug/Kg	3/17/2020	07:01
4-Nitrophenol	< 323	ug/Kg	3/17/2020	07:01
Acenaphthene	< 323	ug/Kg	3/17/2020	07:01
Acenaphthylene	< 323	ug/Kg	3/17/2020	07:01
Acetophenone	< 323	ug/Kg	3/17/2020	07:01

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-4 1.0-3.5 FT		
Lab Sample ID:	201123-04	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	< 323	ug/Kg	3/17/2020 07:01
Atrazine	< 323	ug/Kg	3/17/2020 07:01
Benzaldehyde	< 323	ug/Kg	3/17/2020 07:01
Benzo (a) anthracene	< 323	ug/Kg	3/17/2020 07:01
Benzo (a) pyrene	< 323	ug/Kg	3/17/2020 07:01
Benzo (b) fluoranthene	< 323	ug/Kg	3/17/2020 07:01
Benzo (g,h,i) perylene	< 323	ug/Kg	3/17/2020 07:01
Benzo (k) fluoranthene	< 323	ug/Kg	3/17/2020 07:01
Bis (2-chloroethoxy) methane	< 323	ug/Kg	3/17/2020 07:01
Bis (2-chloroethyl) ether	< 323	ug/Kg	3/17/2020 07:01
Bis (2-ethylhexyl) phthalate	< 323	ug/Kg	3/17/2020 07:01
Butylbenzylphthalate	< 323	ug/Kg	3/17/2020 07:01
Caprolactam	< 323	ug/Kg	3/17/2020 07:01
Carbazole	< 323	ug/Kg	3/17/2020 07:01
Chrysene	< 323	ug/Kg	3/17/2020 07:01
Dibenz (a,h) anthracene	< 323	ug/Kg	3/17/2020 07:01
Dibenzofuran	< 323	ug/Kg	3/17/2020 07:01
Diethyl phthalate	< 323	ug/Kg	3/17/2020 07:01
Dimethyl phthalate	< 323	ug/Kg	3/17/2020 07:01
Di-n-butyl phthalate	< 323	ug/Kg	3/17/2020 07:01
Di-n-octylphthalate	< 323	ug/Kg	3/17/2020 07:01
Fluoranthene	< 323	ug/Kg	3/17/2020 07:01
Fluorene	< 323	ug/Kg	3/17/2020 07:01
Hexachlorobenzene	< 323	ug/Kg	3/17/2020 07:01
Hexachlorobutadiene	< 323	ug/Kg	3/17/2020 07:01
Hexachlorocyclopentadiene	< 1290	ug/Kg	3/17/2020 07:01
Hexachloroethane	< 323	ug/Kg	3/17/2020 07:01
Indeno (1,2,3-cd) pyrene	< 323	ug/Kg	3/17/2020 07:01
Isophorone	< 323	ug/Kg	3/17/2020 07:01
Naphthalene	< 323	ug/Kg	3/17/2020 07:01

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-4 1.0-3.5 FT		
Lab Sample ID:	201123-04	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 323	ug/Kg	3/17/2020	07:01
N-Nitroso-di-n-propylamine	< 323	ug/Kg	3/17/2020	07:01
N-Nitrosodiphenylamine	< 323	ug/Kg	3/17/2020	07:01
Pentachlorophenol	< 646	ug/Kg	3/17/2020	07:01
Phenanthrene	< 323	ug/Kg	3/17/2020	07:01
Phenol	< 323	ug/Kg	3/17/2020	07:01
Pyrene	< 323	ug/Kg	3/17/2020	07:01

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2,4,6-Tribromophenol	**74.3**	35.1 - 89.5		3/17/2020	07:01
2-Fluorobiphenyl	**71.1**	37.7 - 81.4		3/17/2020	07:01
2-Fluorophenol	**64.8**	40.2 - 77		3/17/2020	07:01
Nitrobenzene-d5	**69.9**	36.2 - 78.4		3/17/2020	07:01
Phenol-d5	**69.3**	41.2 - 77.1		3/17/2020	07:01
Terphenyl-d14	**78.5**	39.8 - 97.5		3/17/2020	07:01

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45119.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-5 1-2 FT		
Lab Sample ID:	201123-05	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**5.49**	mg/Kg		3/23/2020 22:10
Barium	**112**	mg/Kg		3/23/2020 22:10
Beryllium	< 0.284	mg/Kg		3/23/2020 22:10
Cadmium	**1.05**	mg/Kg		3/23/2020 22:10
Chromium	**15.0**	mg/Kg		3/23/2020 22:10
Copper	**21.9**	mg/Kg		3/23/2020 22:10
Lead	**256**	mg/Kg		3/23/2020 22:10
Manganese	**510**	mg/Kg		3/23/2020 22:10
Nickel	**11.5**	mg/Kg		3/23/2020 22:10
Selenium	**2.22**	mg/Kg		3/23/2020 22:10
Silver	**0.767**	mg/Kg		3/23/2020 22:10
Zinc	**173**	mg/Kg		3/23/2020 22:10

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.364**	mg/Kg		3/18/2020 12:25

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 313	ug/Kg		3/17/2020 07:30
1,2,4,5-Tetrachlorobenzene	< 313	ug/Kg		3/17/2020 07:30
1,2,4-Trichlorobenzene	< 313	ug/Kg		3/17/2020 07:30
1,2-Dichlorobenzene	< 313	ug/Kg		3/17/2020 07:30

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-5 1-2 FT		
Lab Sample ID:	201123-05	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 313	ug/Kg	3/17/2020	07:30
1,4-Dichlorobenzene	< 313	ug/Kg	3/17/2020	07:30
2,2-Oxybis (1-chloropropane)	< 313	ug/Kg	3/17/2020	07:30
2,3,4,6-Tetrachlorophenol	< 313	ug/Kg	3/17/2020	07:30
2,4,5-Trichlorophenol	< 313	ug/Kg	3/17/2020	07:30
2,4,6-Trichlorophenol	< 313	ug/Kg	3/17/2020	07:30
2,4-Dichlorophenol	< 313	ug/Kg	3/17/2020	07:30
2,4-Dimethylphenol	< 313	ug/Kg	3/17/2020	07:30
2,4-Dinitrophenol	< 1250	ug/Kg	3/17/2020	07:30
2,4-Dinitrotoluene	< 313	ug/Kg	3/17/2020	07:30
2,6-Dinitrotoluene	< 313	ug/Kg	3/17/2020	07:30
2-Chloronaphthalene	< 313	ug/Kg	3/17/2020	07:30
2-Chlorophenol	< 313	ug/Kg	3/17/2020	07:30
2-Methylnapthalene	**314**	ug/Kg	3/17/2020	07:30
2-Methylphenol	< 313	ug/Kg	3/17/2020	07:30
2-Nitroaniline	< 313	ug/Kg	3/17/2020	07:30
2-Nitrophenol	< 313	ug/Kg	3/17/2020	07:30
3&4-Methylphenol	< 313	ug/Kg	3/17/2020	07:30
3,3'-Dichlorobenzidine	< 313	ug/Kg	3/17/2020	07:30
3-Nitroaniline	< 313	ug/Kg	3/17/2020	07:30
4,6-Dinitro-2-methylphenol	< 418	ug/Kg	3/17/2020	07:30
4-Bromophenyl phenyl ether	< 313	ug/Kg	3/17/2020	07:30
4-Chloro-3-methylphenol	< 313	ug/Kg	3/17/2020	07:30
4-Chloroaniline	< 313	ug/Kg	3/17/2020	07:30
4-Chlorophenyl phenyl ether	< 313	ug/Kg	3/17/2020	07:30
4-Nitroaniline	< 313	ug/Kg	3/17/2020	07:30
4-Nitrophenol	< 313	ug/Kg	3/17/2020	07:30
Acenaphthene	**702**	ug/Kg	3/17/2020	07:30
Acenaphthylene	< 313	ug/Kg	3/17/2020	07:30
Acetophenone	< 313	ug/Kg	3/17/2020	07:30

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-5 1-2 FT		
Lab Sample ID:	201123-05	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	**1640**	ug/Kg	3/17/2020	07:30
Atrazine	< 313	ug/Kg	3/17/2020	07:30
Benzaldehyde	< 313	ug/Kg	3/17/2020	07:30
Benzo (a) anthracene	**2820**	ug/Kg	3/17/2020	07:30
Benzo (a) pyrene	**2390**	ug/Kg	3/17/2020	07:30
Benzo (b) fluoranthene	**2250**	ug/Kg	3/17/2020	07:30
Benzo (g,h,i) perylene	**1360**	ug/Kg	3/17/2020	07:30
Benzo (k) fluoranthene	**1710**	ug/Kg	3/17/2020	07:30
Bis (2-chloroethoxy) methane	< 313	ug/Kg	3/17/2020	07:30
Bis (2-chloroethyl) ether	< 313	ug/Kg	3/17/2020	07:30
Bis (2-ethylhexyl) phthalate	< 313	ug/Kg	3/17/2020	07:30
Butylbenzylphthalate	< 313	ug/Kg	3/17/2020	07:30
Caprolactam	< 313	ug/Kg	3/17/2020	07:30
Carbazole	**929**	ug/Kg	3/17/2020	07:30
Chrysene	**2560**	ug/Kg	3/17/2020	07:30
Dibenz (a,h) anthracene	**494**	ug/Kg	3/17/2020	07:30
Dibenzofuran	**591**	ug/Kg	3/17/2020	07:30
Diethyl phthalate	< 313	ug/Kg	3/17/2020	07:30
Dimethyl phthalate	< 313	ug/Kg	3/17/2020	07:30
Di-n-butyl phthalate	< 313	ug/Kg	3/17/2020	07:30
Di-n-octylphthalate	< 313	ug/Kg	3/17/2020	07:30
Fluoranthene	**5560**	ug/Kg	3/17/2020	07:30
Fluorene	**878**	ug/Kg	3/17/2020	07:30
Hexachlorobenzene	< 313	ug/Kg	3/17/2020	07:30
Hexachlorobutadiene	< 313	ug/Kg	3/17/2020	07:30
Hexachlorocyclopentadiene	< 1250	ug/Kg	3/17/2020	07:30
Hexachloroethane	< 313	ug/Kg	3/17/2020	07:30
Indeno (1,2,3-cd) pyrene	**1270**	ug/Kg	3/17/2020	07:30
Isophorone	< 313	ug/Kg	3/17/2020	07:30
Naphthalene	**893**	ug/Kg	3/17/2020	07:30

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-5 1-2 FT		
Lab Sample ID:	201123-05	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 313	ug/Kg		3/17/2020 07:30
N-Nitroso-di-n-propylamine	< 313	ug/Kg		3/17/2020 07:30
N-Nitrosodiphenylamine	< 313	ug/Kg		3/17/2020 07:30
Pentachlorophenol	< 625	ug/Kg		3/17/2020 07:30
Phenanthrene	**5450**	ug/Kg		3/17/2020 07:30
Phenol	< 313	ug/Kg		3/17/2020 07:30
Pyrene	**4590**	ug/Kg		3/17/2020 07:30

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**75.1**	35.1 - 89.5		3/17/2020 07:30
2-Fluorobiphenyl	**71.2**	37.7 - 81.4		3/17/2020 07:30
2-Fluorophenol	**65.7**	40.2 - 77		3/17/2020 07:30
Nitrobenzene-d5	**69.6**	36.2 - 78.4		3/17/2020 07:30
Phenol-d5	**69.2**	41.2 - 77.1		3/17/2020 07:30
Terphenyl-d14	**76.7**	39.8 - 97.5		3/17/2020 07:30

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45120.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-6 1-2.5 FT		
Lab Sample ID:	201123-06	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**7.42**	mg/Kg		3/23/2020 22:14
Barium	**234**	mg/Kg		3/23/2020 22:14
Beryllium	< 0.297	mg/Kg		3/23/2020 22:14
Cadmium	**1.02**	mg/Kg		3/23/2020 22:14
Chromium	**17.6**	mg/Kg		3/23/2020 22:14
Copper	**29.6**	mg/Kg		3/23/2020 22:14
Lead	**1370**	mg/Kg		3/23/2020 22:14
Manganese	**252**	mg/Kg		3/23/2020 22:14
Nickel	**13.3**	mg/Kg		3/23/2020 22:14
Selenium	**2.16**	mg/Kg		3/23/2020 22:14
Silver	**0.762**	mg/Kg		3/23/2020 22:14
Zinc	**213**	mg/Kg		3/23/2020 22:14

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.660**	mg/Kg		3/18/2020 13:30

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 342	ug/Kg		3/17/2020 08:00
1,2,4,5-Tetrachlorobenzene	< 342	ug/Kg		3/17/2020 08:00
1,2,4-Trichlorobenzene	< 342	ug/Kg		3/17/2020 08:00
1,2-Dichlorobenzene	< 342	ug/Kg		3/17/2020 08:00

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-6 1-2.5 FT		
Lab Sample ID:	201123-06	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 342	ug/Kg	3/17/2020	08:00
1,4-Dichlorobenzene	< 342	ug/Kg	3/17/2020	08:00
2,2-Oxybis (1-chloropropane)	< 342	ug/Kg	3/17/2020	08:00
2,3,4,6-Tetrachlorophenol	< 342	ug/Kg	3/17/2020	08:00
2,4,5-Trichlorophenol	< 342	ug/Kg	3/17/2020	08:00
2,4,6-Trichlorophenol	< 342	ug/Kg	3/17/2020	08:00
2,4-Dichlorophenol	< 342	ug/Kg	3/17/2020	08:00
2,4-Dimethylphenol	< 342	ug/Kg	3/17/2020	08:00
2,4-Dinitrophenol	< 1370	ug/Kg	3/17/2020	08:00
2,4-Dinitrotoluene	< 342	ug/Kg	3/17/2020	08:00
2,6-Dinitrotoluene	< 342	ug/Kg	3/17/2020	08:00
2-Chloronaphthalene	< 342	ug/Kg	3/17/2020	08:00
2-Chlorophenol	< 342	ug/Kg	3/17/2020	08:00
2-Methylnapthalene	< 342	ug/Kg	3/17/2020	08:00
2-Methylphenol	< 342	ug/Kg	3/17/2020	08:00
2-Nitroaniline	< 342	ug/Kg	3/17/2020	08:00
2-Nitrophenol	< 342	ug/Kg	3/17/2020	08:00
3&4-Methylphenol	< 342	ug/Kg	3/17/2020	08:00
3,3'-Dichlorobenzidine	< 342	ug/Kg	3/17/2020	08:00
3-Nitroaniline	< 342	ug/Kg	3/17/2020	08:00
4,6-Dinitro-2-methylphenol	< 458	ug/Kg	3/17/2020	08:00
4-Bromophenyl phenyl ether	< 342	ug/Kg	3/17/2020	08:00
4-Chloro-3-methylphenol	< 342	ug/Kg	3/17/2020	08:00
4-Chloroaniline	< 342	ug/Kg	3/17/2020	08:00
4-Chlorophenyl phenyl ether	< 342	ug/Kg	3/17/2020	08:00
4-Nitroaniline	< 342	ug/Kg	3/17/2020	08:00
4-Nitrophenol	< 342	ug/Kg	3/17/2020	08:00
Acenaphthene	< 342	ug/Kg	3/17/2020	08:00
Acenaphthylene	< 342	ug/Kg	3/17/2020	08:00
Acetophenone	< 342	ug/Kg	3/17/2020	08:00

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-6 1-2.5 FT		
Lab Sample ID:	201123-06	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	< 342	ug/Kg	3/17/2020	08:00
Atrazine	< 342	ug/Kg	3/17/2020	08:00
Benzaldehyde	< 342	ug/Kg	3/17/2020	08:00
Benzo (a) anthracene	< 342	ug/Kg	3/17/2020	08:00
Benzo (a) pyrene	< 342	ug/Kg	3/17/2020	08:00
Benzo (b) fluoranthene	< 342	ug/Kg	3/17/2020	08:00
Benzo (g,h,i) perylene	< 342	ug/Kg	3/17/2020	08:00
Benzo (k) fluoranthene	< 342	ug/Kg	3/17/2020	08:00
Bis (2-chloroethoxy) methane	< 342	ug/Kg	3/17/2020	08:00
Bis (2-chloroethyl) ether	< 342	ug/Kg	3/17/2020	08:00
Bis (2-ethylhexyl) phthalate	< 342	ug/Kg	3/17/2020	08:00
Butylbenzylphthalate	< 342	ug/Kg	3/17/2020	08:00
Caprolactam	< 342	ug/Kg	3/17/2020	08:00
Carbazole	< 342	ug/Kg	3/17/2020	08:00
Chrysene	< 342	ug/Kg	3/17/2020	08:00
Dibenz (a,h) anthracene	< 342	ug/Kg	3/17/2020	08:00
Dibenzofuran	< 342	ug/Kg	3/17/2020	08:00
Diethyl phthalate	< 342	ug/Kg	3/17/2020	08:00
Dimethyl phthalate	< 342	ug/Kg	3/17/2020	08:00
Di-n-butyl phthalate	< 342	ug/Kg	3/17/2020	08:00
Di-n-octylphthalate	< 342	ug/Kg	3/17/2020	08:00
Fluoranthene	< 342	ug/Kg	3/17/2020	08:00
Fluorene	< 342	ug/Kg	3/17/2020	08:00
Hexachlorobenzene	< 342	ug/Kg	3/17/2020	08:00
Hexachlorobutadiene	< 342	ug/Kg	3/17/2020	08:00
Hexachlorocyclopentadiene	< 1370	ug/Kg	3/17/2020	08:00
Hexachloroethane	< 342	ug/Kg	3/17/2020	08:00
Indeno (1,2,3-cd) pyrene	< 342	ug/Kg	3/17/2020	08:00
Isophorone	< 342	ug/Kg	3/17/2020	08:00
Naphthalene	< 342	ug/Kg	3/17/2020	08:00

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-6 1-2.5 FT		
Lab Sample ID:	201123-06	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 342	ug/Kg		3/17/2020 08:00
N-Nitroso-di-n-propylamine	< 342	ug/Kg		3/17/2020 08:00
N-Nitrosodiphenylamine	< 342	ug/Kg		3/17/2020 08:00
Pentachlorophenol	< 684	ug/Kg		3/17/2020 08:00
Phenanthrene	< 342	ug/Kg		3/17/2020 08:00
Phenol	< 342	ug/Kg		3/17/2020 08:00
Pyrene	< 342	ug/Kg		3/17/2020 08:00

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**74.8**	35.1 - 89.5		3/17/2020 08:00
2-Fluorobiphenyl	**70.1**	37.7 - 81.4		3/17/2020 08:00
2-Fluorophenol	**64.1**	40.2 - 77		3/17/2020 08:00
Nitrobenzene-d5	**67.7**	36.2 - 78.4		3/17/2020 08:00
Phenol-d5	**67.3**	41.2 - 77.1		3/17/2020 08:00
Terphenyl-d14	**74.6**	39.8 - 97.5		3/17/2020 08:00

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45121.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-8 1-2.5 FT		
Lab Sample ID:	201123-07	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**4.22**	mg/Kg		3/23/2020 22:18
Barium	**128**	mg/Kg		3/23/2020 22:18
Beryllium	< 0.292	mg/Kg		3/23/2020 22:18
Cadmium	**0.575**	mg/Kg		3/23/2020 22:18
Chromium	**13.1**	mg/Kg		3/23/2020 22:18
Copper	**21.7**	mg/Kg		3/23/2020 22:18
Lead	**397**	mg/Kg		3/23/2020 22:18
Manganese	**360**	mg/Kg		3/23/2020 22:18
Nickel	**7.30**	mg/Kg		3/23/2020 22:18
Selenium	**2.18**	mg/Kg		3/23/2020 22:18
Silver	**0.663**	mg/Kg		3/23/2020 22:18
Zinc	**199**	mg/Kg		3/23/2020 22:18

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**1.35**	mg/Kg		3/18/2020 13:32

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 335	ug/Kg		3/17/2020 08:29
1,2,4,5-Tetrachlorobenzene	< 335	ug/Kg		3/17/2020 08:29
1,2,4-Trichlorobenzene	< 335	ug/Kg		3/17/2020 08:29
1,2-Dichlorobenzene	< 335	ug/Kg		3/17/2020 08:29

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-8 1-2.5 FT		
Lab Sample ID:	201123-07	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 335	ug/Kg	3/17/2020	08:29
1,4-Dichlorobenzene	< 335	ug/Kg	3/17/2020	08:29
2,2-Oxybis (1-chloropropane)	< 335	ug/Kg	3/17/2020	08:29
2,3,4,6-Tetrachlorophenol	< 335	ug/Kg	3/17/2020	08:29
2,4,5-Trichlorophenol	< 335	ug/Kg	3/17/2020	08:29
2,4,6-Trichlorophenol	< 335	ug/Kg	3/17/2020	08:29
2,4-Dichlorophenol	< 335	ug/Kg	3/17/2020	08:29
2,4-Dimethylphenol	< 335	ug/Kg	3/17/2020	08:29
2,4-Dinitrophenol	< 1340	ug/Kg	3/17/2020	08:29
2,4-Dinitrotoluene	< 335	ug/Kg	3/17/2020	08:29
2,6-Dinitrotoluene	< 335	ug/Kg	3/17/2020	08:29
2-Chloronaphthalene	< 335	ug/Kg	3/17/2020	08:29
2-Chlorophenol	< 335	ug/Kg	3/17/2020	08:29
2-Methylnapthalene	< 335	ug/Kg	3/17/2020	08:29
2-Methylphenol	< 335	ug/Kg	3/17/2020	08:29
2-Nitroaniline	< 335	ug/Kg	3/17/2020	08:29
2-Nitrophenol	< 335	ug/Kg	3/17/2020	08:29
3&4-Methylphenol	< 335	ug/Kg	3/17/2020	08:29
3,3'-Dichlorobenzidine	< 335	ug/Kg	3/17/2020	08:29
3-Nitroaniline	< 335	ug/Kg	3/17/2020	08:29
4,6-Dinitro-2-methylphenol	< 448	ug/Kg	3/17/2020	08:29
4-Bromophenyl phenyl ether	< 335	ug/Kg	3/17/2020	08:29
4-Chloro-3-methylphenol	< 335	ug/Kg	3/17/2020	08:29
4-Chloroaniline	< 335	ug/Kg	3/17/2020	08:29
4-Chlorophenyl phenyl ether	< 335	ug/Kg	3/17/2020	08:29
4-Nitroaniline	< 335	ug/Kg	3/17/2020	08:29
4-Nitrophenol	< 335	ug/Kg	3/17/2020	08:29
Acenaphthene	< 335	ug/Kg	3/17/2020	08:29
Acenaphthylene	< 335	ug/Kg	3/17/2020	08:29
Acetophenone	< 335	ug/Kg	3/17/2020	08:29

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-8 1-2.5 FT		
Lab Sample ID:	201123-07	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	< 335	ug/Kg	3/17/2020	08:29
Atrazine	< 335	ug/Kg	3/17/2020	08:29
Benzaldehyde	< 335	ug/Kg	3/17/2020	08:29
Benzo (a) anthracene	< 335	ug/Kg	3/17/2020	08:29
Benzo (a) pyrene	< 335	ug/Kg	3/17/2020	08:29
Benzo (b) fluoranthene	< 335	ug/Kg	3/17/2020	08:29
Benzo (g,h,i) perylene	< 335	ug/Kg	3/17/2020	08:29
Benzo (k) fluoranthene	< 335	ug/Kg	3/17/2020	08:29
Bis (2-chloroethoxy) methane	< 335	ug/Kg	3/17/2020	08:29
Bis (2-chloroethyl) ether	< 335	ug/Kg	3/17/2020	08:29
Bis (2-ethylhexyl) phthalate	< 335	ug/Kg	3/17/2020	08:29
Butylbenzylphthalate	< 335	ug/Kg	3/17/2020	08:29
Caprolactam	< 335	ug/Kg	3/17/2020	08:29
Carbazole	< 335	ug/Kg	3/17/2020	08:29
Chrysene	< 335	ug/Kg	3/17/2020	08:29
Dibenz (a,h) anthracene	< 335	ug/Kg	3/17/2020	08:29
Dibenzofuran	< 335	ug/Kg	3/17/2020	08:29
Diethyl phthalate	< 335	ug/Kg	3/17/2020	08:29
Dimethyl phthalate	< 335	ug/Kg	3/17/2020	08:29
Di-n-butyl phthalate	< 335	ug/Kg	3/17/2020	08:29
Di-n-octylphthalate	< 335	ug/Kg	3/17/2020	08:29
Fluoranthene	**458**	ug/Kg	3/17/2020	08:29
Fluorene	< 335	ug/Kg	3/17/2020	08:29
Hexachlorobenzene	< 335	ug/Kg	3/17/2020	08:29
Hexachlorobutadiene	< 335	ug/Kg	3/17/2020	08:29
Hexachlorocyclopentadiene	< 1340	ug/Kg	3/17/2020	08:29
Hexachloroethane	< 335	ug/Kg	3/17/2020	08:29
Indeno (1,2,3-cd) pyrene	< 335	ug/Kg	3/17/2020	08:29
Isophorone	< 335	ug/Kg	3/17/2020	08:29
Naphthalene	< 335	ug/Kg	3/17/2020	08:29

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-8 1-2.5 FT		
Lab Sample ID:	201123-07	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 335	ug/Kg		3/17/2020 08:29
N-Nitroso-di-n-propylamine	< 335	ug/Kg		3/17/2020 08:29
N-Nitrosodiphenylamine	< 335	ug/Kg		3/17/2020 08:29
Pentachlorophenol	< 669	ug/Kg		3/17/2020 08:29
Phenanthrene	< 335	ug/Kg		3/17/2020 08:29
Phenol	< 335	ug/Kg		3/17/2020 08:29
Pyrene	**426**	ug/Kg		3/17/2020 08:29

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**67.7**	35.1 - 89.5		3/17/2020 08:29
2-Fluorobiphenyl	**64.9**	37.7 - 81.4		3/17/2020 08:29
2-Fluorophenol	**58.2**	40.2 - 77		3/17/2020 08:29
Nitrobenzene-d5	**64.9**	36.2 - 78.4		3/17/2020 08:29
Phenol-d5	**61.9**	41.2 - 77.1		3/17/2020 08:29
Terphenyl-d14	**69.8**	39.8 - 97.5		3/17/2020 08:29

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45122.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-10 0.5-2 FT		
Lab Sample ID:	201123-08	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**2.94**	mg/Kg		3/23/2020 22:23
Barium	**75.9**	mg/Kg		3/23/2020 22:23
Beryllium	< 0.312	mg/Kg		3/23/2020 22:23
Cadmium	**0.615**	mg/Kg		3/23/2020 22:23
Chromium	**10.4**	mg/Kg		3/23/2020 22:23
Copper	**16.0**	mg/Kg		3/23/2020 22:23
Lead	**116**	mg/Kg		3/23/2020 22:23
Manganese	**482**	mg/Kg		3/23/2020 22:23
Nickel	**7.88**	mg/Kg		3/23/2020 22:23
Selenium	**2.73**	mg/Kg		3/23/2020 22:23
Silver	**0.764**	mg/Kg		3/23/2020 22:23
Zinc	**122**	mg/Kg		3/23/2020 22:23

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.395**	mg/Kg		3/18/2020 12:34

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 335	ug/Kg		3/17/2020 08:59
1,2,4,5-Tetrachlorobenzene	< 335	ug/Kg		3/17/2020 08:59
1,2,4-Trichlorobenzene	< 335	ug/Kg		3/17/2020 08:59
1,2-Dichlorobenzene	< 335	ug/Kg		3/17/2020 08:59

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-10 0.5-2 FT		
Lab Sample ID:	201123-08	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 335	ug/Kg	3/17/2020	08:59
1,4-Dichlorobenzene	< 335	ug/Kg	3/17/2020	08:59
2,2-Oxybis (1-chloropropane)	< 335	ug/Kg	3/17/2020	08:59
2,3,4,6-Tetrachlorophenol	< 335	ug/Kg	3/17/2020	08:59
2,4,5-Trichlorophenol	< 335	ug/Kg	3/17/2020	08:59
2,4,6-Trichlorophenol	< 335	ug/Kg	3/17/2020	08:59
2,4-Dichlorophenol	< 335	ug/Kg	3/17/2020	08:59
2,4-Dimethylphenol	< 335	ug/Kg	3/17/2020	08:59
2,4-Dinitrophenol	< 1340	ug/Kg	3/17/2020	08:59
2,4-Dinitrotoluene	< 335	ug/Kg	3/17/2020	08:59
2,6-Dinitrotoluene	< 335	ug/Kg	3/17/2020	08:59
2-Chloronaphthalene	< 335	ug/Kg	3/17/2020	08:59
2-Chlorophenol	< 335	ug/Kg	3/17/2020	08:59
2-Methylnapthalene	< 335	ug/Kg	3/17/2020	08:59
2-Methylphenol	< 335	ug/Kg	3/17/2020	08:59
2-Nitroaniline	< 335	ug/Kg	3/17/2020	08:59
2-Nitrophenol	< 335	ug/Kg	3/17/2020	08:59
3&4-Methylphenol	< 335	ug/Kg	3/17/2020	08:59
3,3'-Dichlorobenzidine	< 335	ug/Kg	3/17/2020	08:59
3-Nitroaniline	< 335	ug/Kg	3/17/2020	08:59
4,6-Dinitro-2-methylphenol	< 448	ug/Kg	3/17/2020	08:59
4-Bromophenyl phenyl ether	< 335	ug/Kg	3/17/2020	08:59
4-Chloro-3-methylphenol	< 335	ug/Kg	3/17/2020	08:59
4-Chloroaniline	< 335	ug/Kg	3/17/2020	08:59
4-Chlorophenyl phenyl ether	< 335	ug/Kg	3/17/2020	08:59
4-Nitroaniline	< 335	ug/Kg	3/17/2020	08:59
4-Nitrophenol	< 335	ug/Kg	3/17/2020	08:59
Acenaphthene	< 335	ug/Kg	3/17/2020	08:59
Acenaphthylene	< 335	ug/Kg	3/17/2020	08:59
Acetophenone	< 335	ug/Kg	3/17/2020	08:59

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-10 0.5-2 FT		
Lab Sample ID:	201123-08	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	< 335	ug/Kg	3/17/2020	08:59
Atrazine	< 335	ug/Kg	3/17/2020	08:59
Benzaldehyde	< 335	ug/Kg	3/17/2020	08:59
Benzo (a) anthracene	< 335	ug/Kg	3/17/2020	08:59
Benzo (a) pyrene	< 335	ug/Kg	3/17/2020	08:59
Benzo (b) fluoranthene	< 335	ug/Kg	3/17/2020	08:59
Benzo (g,h,i) perylene	< 335	ug/Kg	3/17/2020	08:59
Benzo (k) fluoranthene	< 335	ug/Kg	3/17/2020	08:59
Bis (2-chloroethoxy) methane	< 335	ug/Kg	3/17/2020	08:59
Bis (2-chloroethyl) ether	< 335	ug/Kg	3/17/2020	08:59
Bis (2-ethylhexyl) phthalate	< 335	ug/Kg	3/17/2020	08:59
Butylbenzylphthalate	< 335	ug/Kg	3/17/2020	08:59
Caprolactam	< 335	ug/Kg	3/17/2020	08:59
Carbazole	< 335	ug/Kg	3/17/2020	08:59
Chrysene	< 335	ug/Kg	3/17/2020	08:59
Dibenz (a,h) anthracene	< 335	ug/Kg	3/17/2020	08:59
Dibenzofuran	< 335	ug/Kg	3/17/2020	08:59
Diethyl phthalate	< 335	ug/Kg	3/17/2020	08:59
Dimethyl phthalate	< 335	ug/Kg	3/17/2020	08:59
Di-n-butyl phthalate	< 335	ug/Kg	3/17/2020	08:59
Di-n-octylphthalate	< 335	ug/Kg	3/17/2020	08:59
Fluoranthene	< 335	ug/Kg	3/17/2020	08:59
Fluorene	< 335	ug/Kg	3/17/2020	08:59
Hexachlorobenzene	< 335	ug/Kg	3/17/2020	08:59
Hexachlorobutadiene	< 335	ug/Kg	3/17/2020	08:59
Hexachlorocyclopentadiene	< 1340	ug/Kg	3/17/2020	08:59
Hexachloroethane	< 335	ug/Kg	3/17/2020	08:59
Indeno (1,2,3-cd) pyrene	< 335	ug/Kg	3/17/2020	08:59
Isophorone	< 335	ug/Kg	3/17/2020	08:59
Naphthalene	< 335	ug/Kg	3/17/2020	08:59

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-10 0.5-2 FT		
Lab Sample ID:	201123-08	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 335	ug/Kg	3/17/2020	08:59
N-Nitroso-di-n-propylamine	< 335	ug/Kg	3/17/2020	08:59
N-Nitrosodiphenylamine	< 335	ug/Kg	3/17/2020	08:59
Pentachlorophenol	< 670	ug/Kg	3/17/2020	08:59
Phenanthrene	< 335	ug/Kg	3/17/2020	08:59
Phenol	< 335	ug/Kg	3/17/2020	08:59
Pyrene	< 335	ug/Kg	3/17/2020	08:59

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
2,4,6-Tribromophenol	**78.2**	35.1 - 89.5		3/17/2020	08:59
2-Fluorobiphenyl	**71.9**	37.7 - 81.4		3/17/2020	08:59
2-Fluorophenol	**67.3**	40.2 - 77		3/17/2020	08:59
Nitrobenzene-d5	**71.6**	36.2 - 78.4		3/17/2020	08:59
Phenol-d5	**70.4**	41.2 - 77.1		3/17/2020	08:59
Terphenyl-d14	**75.4**	39.8 - 97.5		3/17/2020	08:59

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45123.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-11 0.5-1.5 FT		
Lab Sample ID:	201123-09	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**2.97**	mg/Kg		3/23/2020 22:27
Barium	**61.5**	mg/Kg		3/23/2020 22:27
Beryllium	< 0.288	mg/Kg		3/23/2020 22:27
Cadmium	**0.530**	mg/Kg		3/23/2020 22:27
Chromium	**13.2**	mg/Kg		3/23/2020 22:27
Copper	**13.5**	mg/Kg		3/23/2020 22:27
Lead	**84.4**	mg/Kg		3/23/2020 22:27
Manganese	**305**	mg/Kg		3/23/2020 22:27
Nickel	**10.2**	mg/Kg		3/23/2020 22:27
Selenium	**1.43**	mg/Kg		3/23/2020 22:27
Silver	**0.693**	mg/Kg		3/23/2020 22:27
Zinc	**92.7**	mg/Kg		3/23/2020 22:27

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.148**	mg/Kg		3/18/2020 12:36

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 314	ug/Kg		3/17/2020 10:27
1,2,4,5-Tetrachlorobenzene	< 314	ug/Kg		3/17/2020 10:27
1,2,4-Trichlorobenzene	< 314	ug/Kg		3/17/2020 10:27
1,2-Dichlorobenzene	< 314	ug/Kg		3/17/2020 10:27

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-11 0.5-1.5 FT		
Lab Sample ID:	201123-09	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 314	ug/Kg	3/17/2020	10:27
1,4-Dichlorobenzene	< 314	ug/Kg	3/17/2020	10:27
2,2-Oxybis (1-chloropropane)	< 314	ug/Kg	3/17/2020	10:27
2,3,4,6-Tetrachlorophenol	< 314	ug/Kg	3/17/2020	10:27
2,4,5-Trichlorophenol	< 314	ug/Kg	3/17/2020	10:27
2,4,6-Trichlorophenol	< 314	ug/Kg	3/17/2020	10:27
2,4-Dichlorophenol	< 314	ug/Kg	3/17/2020	10:27
2,4-Dimethylphenol	< 314	ug/Kg	3/17/2020	10:27
2,4-Dinitrophenol	< 1260	ug/Kg	3/17/2020	10:27
2,4-Dinitrotoluene	< 314	ug/Kg	3/17/2020	10:27
2,6-Dinitrotoluene	< 314	ug/Kg	3/17/2020	10:27
2-Chloronaphthalene	< 314	ug/Kg	3/17/2020	10:27
2-Chlorophenol	< 314	ug/Kg	3/17/2020	10:27
2-Methylnapthalene	< 314	ug/Kg	3/17/2020	10:27
2-Methylphenol	< 314	ug/Kg	3/17/2020	10:27
2-Nitroaniline	< 314	ug/Kg	3/17/2020	10:27
2-Nitrophenol	< 314	ug/Kg	3/17/2020	10:27
3&4-Methylphenol	< 314	ug/Kg	3/17/2020	10:27
3,3'-Dichlorobenzidine	< 314	ug/Kg	3/17/2020	10:27
3-Nitroaniline	< 314	ug/Kg	3/17/2020	10:27
4,6-Dinitro-2-methylphenol	< 420	ug/Kg	3/17/2020	10:27
4-Bromophenyl phenyl ether	< 314	ug/Kg	3/17/2020	10:27
4-Chloro-3-methylphenol	< 314	ug/Kg	3/17/2020	10:27
4-Chloroaniline	< 314	ug/Kg	3/17/2020	10:27
4-Chlorophenyl phenyl ether	< 314	ug/Kg	3/17/2020	10:27
4-Nitroaniline	< 314	ug/Kg	3/17/2020	10:27
4-Nitrophenol	< 314	ug/Kg	3/17/2020	10:27
Acenaphthene	< 314	ug/Kg	3/17/2020	10:27
Acenaphthylene	< 314	ug/Kg	3/17/2020	10:27
Acetophenone	< 314	ug/Kg	3/17/2020	10:27

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-11 0.5-1.5 FT		
Lab Sample ID:	201123-09	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	< 314	ug/Kg	3/17/2020	10:27
Atrazine	< 314	ug/Kg	3/17/2020	10:27
Benzaldehyde	< 314	ug/Kg	3/17/2020	10:27
Benzo (a) anthracene	< 314	ug/Kg	3/17/2020	10:27
Benzo (a) pyrene	< 314	ug/Kg	3/17/2020	10:27
Benzo (b) fluoranthene	< 314	ug/Kg	3/17/2020	10:27
Benzo (g,h,i) perylene	< 314	ug/Kg	3/17/2020	10:27
Benzo (k) fluoranthene	< 314	ug/Kg	3/17/2020	10:27
Bis (2-chloroethoxy) methane	< 314	ug/Kg	3/17/2020	10:27
Bis (2-chloroethyl) ether	< 314	ug/Kg	3/17/2020	10:27
Bis (2-ethylhexyl) phthalate	< 314	ug/Kg	3/17/2020	10:27
Butylbenzylphthalate	< 314	ug/Kg	3/17/2020	10:27
Caprolactam	< 314	ug/Kg	3/17/2020	10:27
Carbazole	< 314	ug/Kg	3/17/2020	10:27
Chrysene	< 314	ug/Kg	3/17/2020	10:27
Dibenz (a,h) anthracene	< 314	ug/Kg	3/17/2020	10:27
Dibenzofuran	< 314	ug/Kg	3/17/2020	10:27
Diethyl phthalate	< 314	ug/Kg	3/17/2020	10:27
Dimethyl phthalate	< 314	ug/Kg	3/17/2020	10:27
Di-n-butyl phthalate	< 314	ug/Kg	3/17/2020	10:27
Di-n-octylphthalate	< 314	ug/Kg	3/17/2020	10:27
Fluoranthene	< 314	ug/Kg	3/17/2020	10:27
Fluorene	< 314	ug/Kg	3/17/2020	10:27
Hexachlorobenzene	< 314	ug/Kg	3/17/2020	10:27
Hexachlorobutadiene	< 314	ug/Kg	3/17/2020	10:27
Hexachlorocyclopentadiene	< 1260	ug/Kg	3/17/2020	10:27
Hexachloroethane	< 314	ug/Kg	3/17/2020	10:27
Indeno (1,2,3-cd) pyrene	< 314	ug/Kg	3/17/2020	10:27
Isophorone	< 314	ug/Kg	3/17/2020	10:27
Naphthalene	< 314	ug/Kg	3/17/2020	10:27

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-11 0.5-1.5 FT		
Lab Sample ID:	201123-09	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 314	ug/Kg	3/17/2020	10:27
N-Nitroso-di-n-propylamine	< 314	ug/Kg	3/17/2020	10:27
N-Nitrosodiphenylamine	< 314	ug/Kg	3/17/2020	10:27
Pentachlorophenol	< 628	ug/Kg	3/17/2020	10:27
Phenanthrene	< 314	ug/Kg	3/17/2020	10:27
Phenol	< 314	ug/Kg	3/17/2020	10:27
Pyrene	< 314	ug/Kg	3/17/2020	10:27

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2,4,6-Tribromophenol	**77.8**	35.1 - 89.5		3/17/2020	10:27
2-Fluorobiphenyl	**74.2**	37.7 - 81.4		3/17/2020	10:27
2-Fluorophenol	**67.4**	40.2 - 77		3/17/2020	10:27
Nitrobenzene-d5	**72.6**	36.2 - 78.4		3/17/2020	10:27
Phenol-d5	**70.6**	41.2 - 77.1		3/17/2020	10:27
Terphenyl-d14	**79.0**	39.8 - 97.5		3/17/2020	10:27

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45126.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-13 0.5-1.5 FT		
Lab Sample ID:	201123-10	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**5.13**	mg/Kg		3/23/2020 22:32
Barium	**80.0**	mg/Kg		3/23/2020 22:32
Beryllium	< 0.306	mg/Kg		3/23/2020 22:32
Cadmium	**0.810**	mg/Kg		3/23/2020 22:32
Chromium	**15.3**	mg/Kg		3/23/2020 22:32
Copper	**54.8**	mg/Kg		3/23/2020 22:32
Lead	**166**	mg/Kg		3/23/2020 22:32
Manganese	**357**	mg/Kg		3/23/2020 22:32
Nickel	**13.6**	mg/Kg		3/23/2020 22:32
Selenium	< 1.23	mg/Kg		3/25/2020 16:06
Silver	**0.840**	mg/Kg		3/23/2020 22:32
Zinc	**123**	mg/Kg		3/23/2020 22:32

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/23/2020
Data File: 200323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.220**	mg/Kg	MD	3/18/2020 12:38

Method Reference(s): EPA 7471B
Preparation Date: 3/17/2020
Data File: Hg200318A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 314	ug/Kg		3/17/2020 15:21
1,2,4,5-Tetrachlorobenzene	< 314	ug/Kg		3/17/2020 15:21
1,2,4-Trichlorobenzene	< 314	ug/Kg		3/17/2020 15:21
1,2-Dichlorobenzene	< 314	ug/Kg		3/17/2020 15:21

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-13 0.5-1.5 FT		
Lab Sample ID:	201123-10	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

1,3-Dichlorobenzene	< 314	ug/Kg	3/17/2020	15:21
1,4-Dichlorobenzene	< 314	ug/Kg	3/17/2020	15:21
2,2-Oxybis (1-chloropropane)	< 314	ug/Kg	3/17/2020	15:21
2,3,4,6-Tetrachlorophenol	< 314	ug/Kg	3/17/2020	15:21
2,4,5-Trichlorophenol	< 314	ug/Kg	3/17/2020	15:21
2,4,6-Trichlorophenol	< 314	ug/Kg	3/17/2020	15:21
2,4-Dichlorophenol	< 314	ug/Kg	3/17/2020	15:21
2,4-Dimethylphenol	< 314	ug/Kg	3/17/2020	15:21
2,4-Dinitrophenol	< 1260	ug/Kg	3/17/2020	15:21
2,4-Dinitrotoluene	< 314	ug/Kg	3/17/2020	15:21
2,6-Dinitrotoluene	< 314	ug/Kg	3/17/2020	15:21
2-Chloronaphthalene	< 314	ug/Kg	3/17/2020	15:21
2-Chlorophenol	< 314	ug/Kg	3/17/2020	15:21
2-Methylnapthalene	< 314	ug/Kg	3/17/2020	15:21
2-Methylphenol	< 314	ug/Kg	3/17/2020	15:21
2-Nitroaniline	< 314	ug/Kg	3/17/2020	15:21
2-Nitrophenol	< 314	ug/Kg	3/17/2020	15:21
3&4-Methylphenol	< 314	ug/Kg	3/17/2020	15:21
3,3'-Dichlorobenzidine	< 314	ug/Kg	3/17/2020	15:21
3-Nitroaniline	< 314	ug/Kg	3/17/2020	15:21
4,6-Dinitro-2-methylphenol	< 420	ug/Kg	3/17/2020	15:21
4-Bromophenyl phenyl ether	< 314	ug/Kg	3/17/2020	15:21
4-Chloro-3-methylphenol	< 314	ug/Kg	3/17/2020	15:21
4-Chloroaniline	< 314	ug/Kg	3/17/2020	15:21
4-Chlorophenyl phenyl ether	< 314	ug/Kg	3/17/2020	15:21
4-Nitroaniline	< 314	ug/Kg	3/17/2020	15:21
4-Nitrophenol	< 314	ug/Kg	3/17/2020	15:21
Acenaphthene	< 314	ug/Kg	3/17/2020	15:21
Acenaphthylene	< 314	ug/Kg	3/17/2020	15:21
Acetophenone	< 314	ug/Kg	3/17/2020	15:21

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-13 0.5-1.5 FT		
Lab Sample ID:	201123-10	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Anthracene	< 314	ug/Kg	3/17/2020	15:21
Atrazine	< 314	ug/Kg	3/17/2020	15:21
Benzaldehyde	< 314	ug/Kg	3/17/2020	15:21
Benzo (a) anthracene	< 314	ug/Kg	3/17/2020	15:21
Benzo (a) pyrene	< 314	ug/Kg	3/17/2020	15:21
Benzo (b) fluoranthene	< 314	ug/Kg	3/17/2020	15:21
Benzo (g,h,i) perylene	< 314	ug/Kg	3/17/2020	15:21
Benzo (k) fluoranthene	< 314	ug/Kg	3/17/2020	15:21
Bis (2-chloroethoxy) methane	< 314	ug/Kg	3/17/2020	15:21
Bis (2-chloroethyl) ether	< 314	ug/Kg	3/17/2020	15:21
Bis (2-ethylhexyl) phthalate	< 314	ug/Kg	3/17/2020	15:21
Butylbenzylphthalate	< 314	ug/Kg	3/17/2020	15:21
Caprolactam	< 314	ug/Kg	3/17/2020	15:21
Carbazole	< 314	ug/Kg	3/17/2020	15:21
Chrysene	< 314	ug/Kg	3/17/2020	15:21
Dibenz (a,h) anthracene	< 314	ug/Kg	3/17/2020	15:21
Dibenzofuran	< 314	ug/Kg	3/17/2020	15:21
Diethyl phthalate	< 314	ug/Kg	3/17/2020	15:21
Dimethyl phthalate	< 314	ug/Kg	3/17/2020	15:21
Di-n-butyl phthalate	< 314	ug/Kg	3/17/2020	15:21
Di-n-octylphthalate	< 314	ug/Kg	3/17/2020	15:21
Fluoranthene	**324**	ug/Kg	3/17/2020	15:21
Fluorene	< 314	ug/Kg	3/17/2020	15:21
Hexachlorobenzene	< 314	ug/Kg	3/17/2020	15:21
Hexachlorobutadiene	< 314	ug/Kg	3/17/2020	15:21
Hexachlorocyclopentadiene	< 1260	ug/Kg	3/17/2020	15:21
Hexachloroethane	< 314	ug/Kg	3/17/2020	15:21
Indeno (1,2,3-cd) pyrene	< 314	ug/Kg	3/17/2020	15:21
Isophorone	< 314	ug/Kg	3/17/2020	15:21
Naphthalene	< 314	ug/Kg	3/17/2020	15:21

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201123

Client: **BE3**

Project Reference: 1100 Michigan Pilgrim Village

Sample Identifier:	BH-13 0.5-1.5 FT		
Lab Sample ID:	201123-10	**Date Sampled:**	3/12/2020
Matrix:	Soil	**Date Received:**	3/13/2020

Nitrobenzene	< 314	ug/Kg	3/17/2020	15:21
N-Nitroso-di-n-propylamine	< 314	ug/Kg	3/17/2020	15:21
N-Nitrosodiphenylamine	< 314	ug/Kg	3/17/2020	15:21
Pentachlorophenol	< 628	ug/Kg	3/17/2020	15:21
Phenanthrene	< 314	ug/Kg	3/17/2020	15:21
Phenol	< 314	ug/Kg	3/17/2020	15:21
Pyrene	< 314	ug/Kg	3/17/2020	15:21

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2,4,6-Tribromophenol	**72.6**	35.1 - 89.5		3/17/2020	15:21
2-Fluorobiphenyl	**70.0**	37.7 - 81.4		3/17/2020	15:21
2-Fluorophenol	**61.2**	40.2 - 77		3/17/2020	15:21
Nitrobenzene-d5	**68.5**	36.2 - 78.4		3/17/2020	15:21
Phenol-d5	**64.0**	41.2 - 77.1		3/17/2020	15:21
Terphenyl-d14	**71.7**	39.8 - 97.5		3/17/2020	15:21

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/16/2020
Data File: B45136.D

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

1 of 2

REPORT TO:		INVOICE TO:		
CLIENT:	BE3	CLIENT:		LAB PROJECT ID: 201123
ADDRESS:	1270 NIAGARA ST	ADDRESS:		
CITY:	BUFFALO STATE: NY ZIP: 14213	CITY: STATE: ZIP:		Quotation #:
PHONE:	716-308-8220	PHONE:		Email: pgorton@be3corp.com
ATTN:	PETER J. GORTON	ATTN:		

PROJECT REFERENCE
1100 MICHIGAN
PILGRIM VILLIAGE

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	375 SVOCs	375 METALS	REMARKS	PARADIGM LAB SAMPLE NUMBER
3-12-20	0840		X	BH-1 0-2FT	SD	1	X	X		01
	0850		X	BH-2 0.5-1.5 FT						02
	0915			BH-3 1.0-3.5 FT						03
	0935			BH-4 1.0-3.5 FT						04
	0945			BH-5 1-2 FT						05
	1015			BH-6 1-2.5 FT						06
	1040			BH-8 1-2.5 FT						07
	1105			BH-10 0.5-2 FT						08
	1115			BH-11 0.5-1.5 FT						09
	1125			BH-12 0.5-1.5 FT					HOLD BH-12 PENDING RESULTS	10
	1135			BH-13 0.5-1.5 FT						

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	None Required	☒	None Required	☐
10 day	☒	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed:	☐

Sampled By: PETER J. GORTON Date/Time: 3-12-2020

Relinquished By: Peter Gorton Date/Time: 3-12-2020 3:10

Received By: Brian Zwack Date/Time: 3-12-2020 3:10

Received @ Lab By: [signature] Date/Time: 3/13/2020 08:56

Total Cost:

P.I.F.

5°C iced 3/13/2020 08:24

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

Chain of Custody Supplement

Client: BE3 **Completed by:** Glenn Perzulo

Lab Project ID: 201123 **Date:** 3/13/2020

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X metals
Comments	5°C iced		
Compliant Sample Quantity/Type	X		
Comments			

APPENDIX 3

BORING LOGS

Geoprobe
Bore Hole Log

BE3CORP PANAMERICAN
ENVIRONMENT • ENGINEERING • ENERGY
1270 Niagara Street
Buffalo, NY 14213
716.249.6880 be3corp.com

Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-1**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
					0-2.5 feet - topsoil/fill - sandy clayey silt - loamy with brick and stone
3					
4					
5					
6					
					2.5-6.5 feet - red-brown silty sandy clay
7					
8					6.5-8 feet - silty sandy clay - damp-wet at 7-8 feet
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 0-2 feet

Geoprobe
Bore Hole Log

BE3CORP PANAMERICAN
ENVIRONMENT • ENGINEERING • ENERGY
1270 Niagara Street
Buffalo, NY 14213
716.249.6880 be3corp.com

Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-2**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	0-0.5 feet asphalt
1					
					0.5-1.5 feet - fill/topsoil sandy clayey silt - loamy with stone and brick
2					
3					
4					1.5-4 feet - sandy, silty clay brown
5					
6					4-6 feet - sandy, silty clay - red-brown
7					
8					6-8 feet - light brown sandy - damp
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 0.5-1.5 feet

Geoprobe
Bore Hole Log

BE3CORP PANAMERICAN
ENVIRONMENT • ENGINEERING • ENERGY
1270 Niagara Street
Buffalo, NY 14213
716.249.6880 be3corp.com

Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-3**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					0-2 feet - fill/topsoil sandy clayey silt - loamy with stone and brick
3					
4					2-4 feet - sandy, silty clay brown
5					
6					
7					
8					4-8 feet - silty sandy clay
9					
10					8-10 silty clayey sand
11					
12					10-12 - sand wet
					Borehole completed at 12 feet
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 1-3.5 feet

Geoprobe
Bore Hole Log

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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-4**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					
4					0-4 feet - fill/topsoil sandy clayey silt - loamy with stone and brick; coal or black cinder
5					
6					4-6 feet - sandy, clayey silt
7					6-7 - wood, black, silty sand - sewer odor
8					7-8 feet - red-brown clay
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 1-3.5 feet

Geoprobe
Bore Hole Log

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Buffalo, NY 14213
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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-5**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					
4					0-4 feet - fill/topsoil sandy clayey silt - loamy with stone and brick; coal or black cinder
5					
6					
7					
8					4-8 feet - red-brown clay
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 1-2 feet

Geoprobe
Bore Hole Log

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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-6**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	0-0.5 feet - fill/topsoil sandy clayey silt
1					
2					0-2 feet - fill/topsoil sandy clayey silt - loamy with stone and brick
3					
4					0.5-4 feet -fill - sandy clayey silt - dark brown-black with stone, brick
5					
6					
7					
8					4-8 feet -brown-black silty sandy clay
9					
10					8-10 silty clayey sand brown
11					
12					10-12 - clayey sand moist-wet
					Borehole completed at 12 feet
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 1-2.5 feet

Geoprobe
Bore Hole Log

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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-7**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					0-3.5 feet - fill/topsoil sandy clayey silt - loamy with stone and brick
4					
5					
6					
7					
8					3.5-8 feet - red-brown sandy, silty clay
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
No Soil Sample Collected

Geoprobe
Bore Hole Log

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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-8**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					0-3 feet - fill/topsoil sandy clayey silt - loamy brown-black with stone and brick, porcelin,
					3-3.5 feet - light brown sand
4					3.5-4 feet - clayey sand
5					
6					4-6 feet - sand - wet
7					
8					6-8 feet - red-brown sandy, silty clay
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample Collected at 1-2.5 feet

Geoprobe
Bore Hole Log

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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-9**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					0-3.5 feet - fill/topsoil sandy clayey silt; dark brown - black - loamy with
4					
5					3.5-5 feet - sand
6					
7					
8					5-8 feet - red-brown sandy, silty clay
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
No Soil Sample Collected

Geoprobe
Bore Hole Log

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Buffalo, NY 14213
716.249.6880 be3corp.com

Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-10**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	0-2 feet - fill/topsoil sandy clayey silt; dark brown - black - loamy with stone and brick
1					
2					
3					
4					2-4 feet - light brown sand
5					
6					4-6 sand - very wet
7					
8					6-8 feet - red-brown sandy, silty clay
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample Collected at 0.5-2 feet

Geoprobe
Bore Hole Log

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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-11**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					
4					0-4 feet - fill/topsoil sandy clayey silt; dark brown - black - loamy with stone and brick
5					
6					
7					
8					4-8 feet - sandy clayey silt; dark brown - black - loamy with stone and brick. Sand at 8 feet
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample Collected at 0.5-1.5 feet

Geoprobe
Bore Hole Log

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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-12**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					
4					0-4 feet - fill/topsoil sandy clayey silt; dark brown - black - loamy with stone and brick
5					4-5 feet - silty sand
6					
7					
8					5-8 feet - sand - wet
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample Collected at 0.5-1.5 feet

Geoprobe
Bore Hole Log

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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: Long:
Date Started:	3/12/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	3/12/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-13**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					0-2 feet - fill/topsoil sandy clayey silt; dark brown - black - loamy with stone and brick
3					
4					2-4 feet - red-brown clay
5					
6					
7					
8					4-8 feet - red-brown clay
					Borehole completed at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample Collected at 0.5-1.5 feet

APPENDIX B

RI SITE PHOTOGRAPHS

BE3 Photolog

Date: 1/7/21

1. Looking west at the location of Boring B3 on the Pilgrim Village Family Property.

2. Looking south at the location of Boring B6 on the Pilgrim Village Family Property.

3. Looking north at the location of Boring B8 on the Pilgrim Village Family Property.

4. Looking east at the location of Boring B10 on the Pilgrim Village Family Property.

BE3 Photolog

Date: 1/8/21

5. Looking south at the location of Boring B16 on the Pilgrim Village Family Property.

6. Looking southeast at the location of Boring B19 on the Pilgrim Village Family Property.

7. Looking west at the location of Boring B2 on the Pilgrim Village Senior Property.

8. Looking north at the location of Boring B4 on the Pilgrim Village Senior Property.

BE3 Photolog

Date: 1/19/21

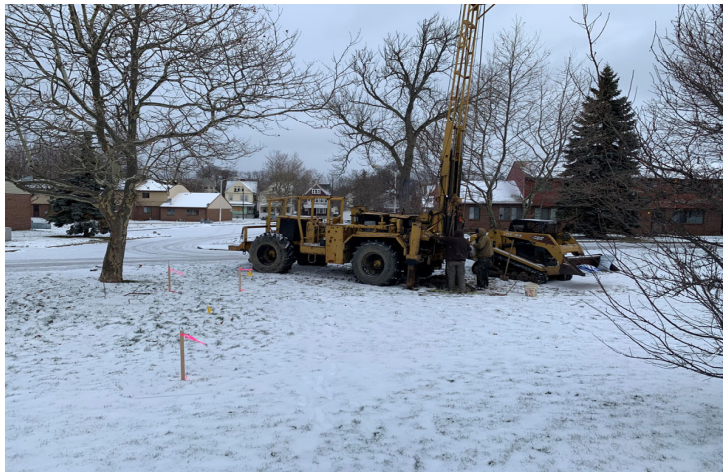
9. Installing Well MW-3 Family Side

10. Installing Well MW-3 Senior Side

11. Installing Well MW-4 Family Side

BE3 Photolog

Date: 1/20/21



12. Looking north at the installation of Monitoring Well MW5 on the Pilgrim Village Family Property.

13. Looking south at the installation of Monitoring Well MW1 on the Pilgrim Village Family Property.

14. Looking southwest at the installation of Monitoring Well MW2 on the Pilgrim Village Senior Property.

15. Looking north at the installation of Monitoring Well MW2 on the Pilgrim Village Family Property.

BE3 Photolog

Date: 2/3/21

16. Location of Test Pit TP1 From east facing west (from across Michigan Avenue).

17. Location of Test Pit TP1 from south facing north along Michigan Avenue facing Best Street intersection.

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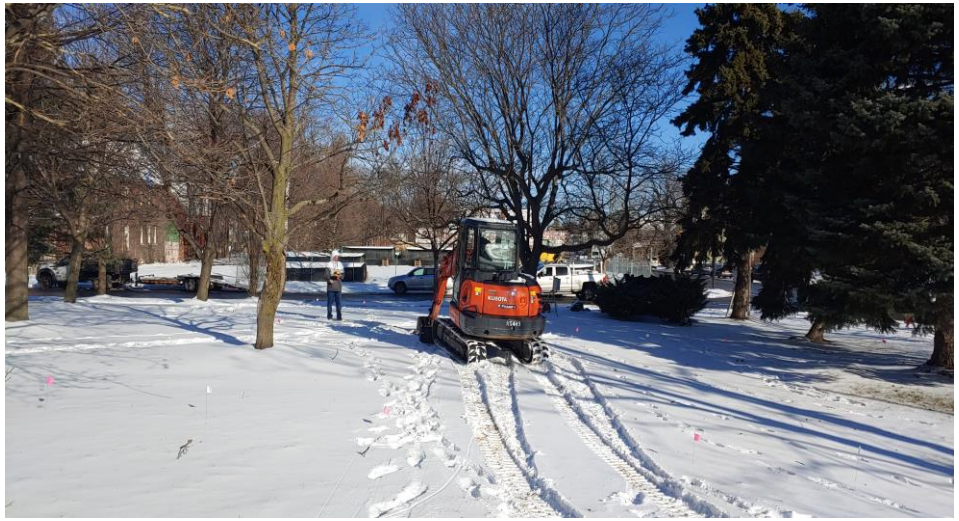
18. View of completed and filled in TP2 location with TP1 in background from west facing east.

19. View of completed TP2 (foreground) from south facing north

BE3 Photolog

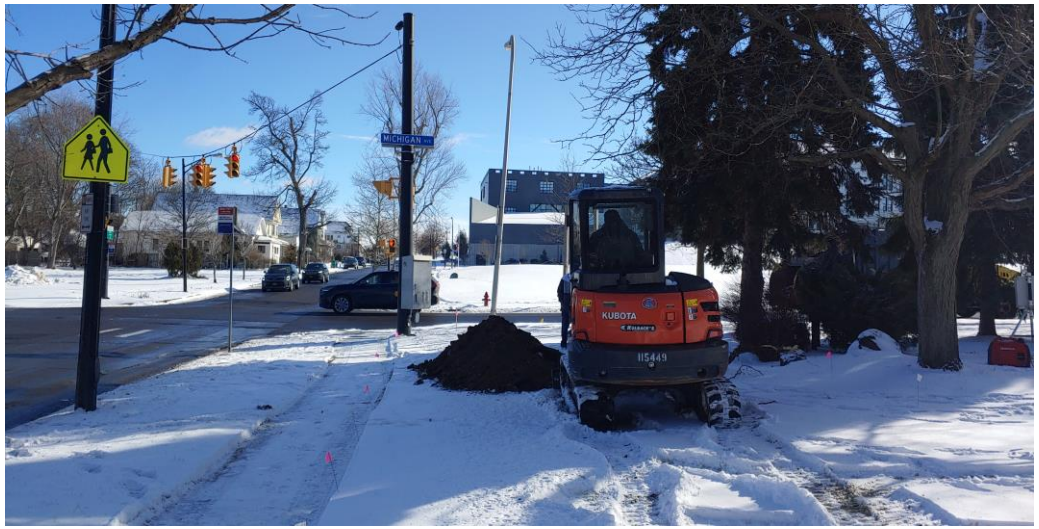
Date: 2/3/21



20. Location of T-3 from south facing north

21. Location of T-3 from east facing west

22. Location of TP4 from north facing south across Best Street at corner of Best and Michigan.

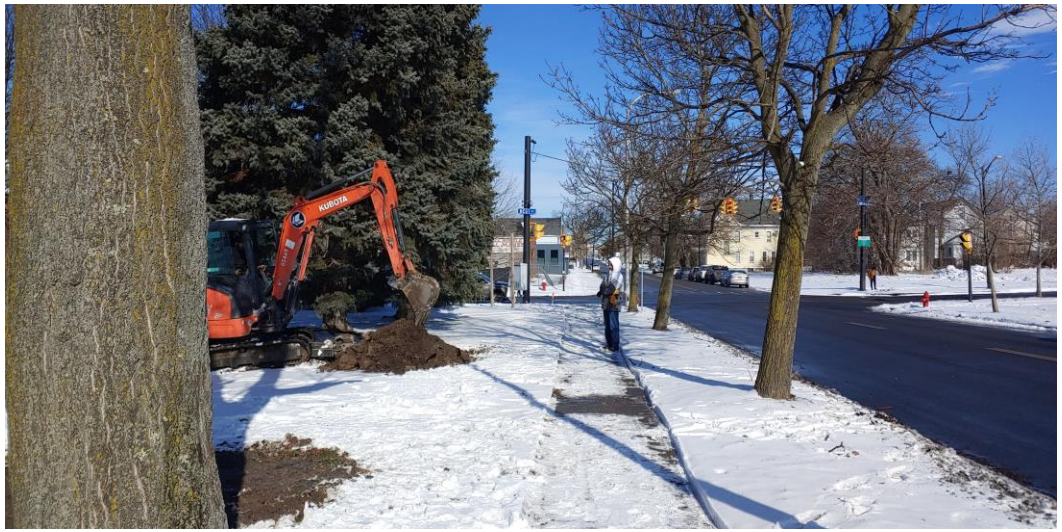


23. Location of TP4 from west along Best Street facing east at the corner of Best and Michigan.

BE3 Photolog

Date: 2/3/21

24. Location of TP5 from east across Best Street facing west.



25. Location of TP5 from south facing north along Michigan Avenue. This location is just north of TP1.

26. Location of TP6 from north facing south

27. Location of TP6 from east facing west

APPENDIX C

RI BORING AND MONITORING WELL LOGS

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Project: Pilgrim Village - Family Site

Client: SA&A-EVI

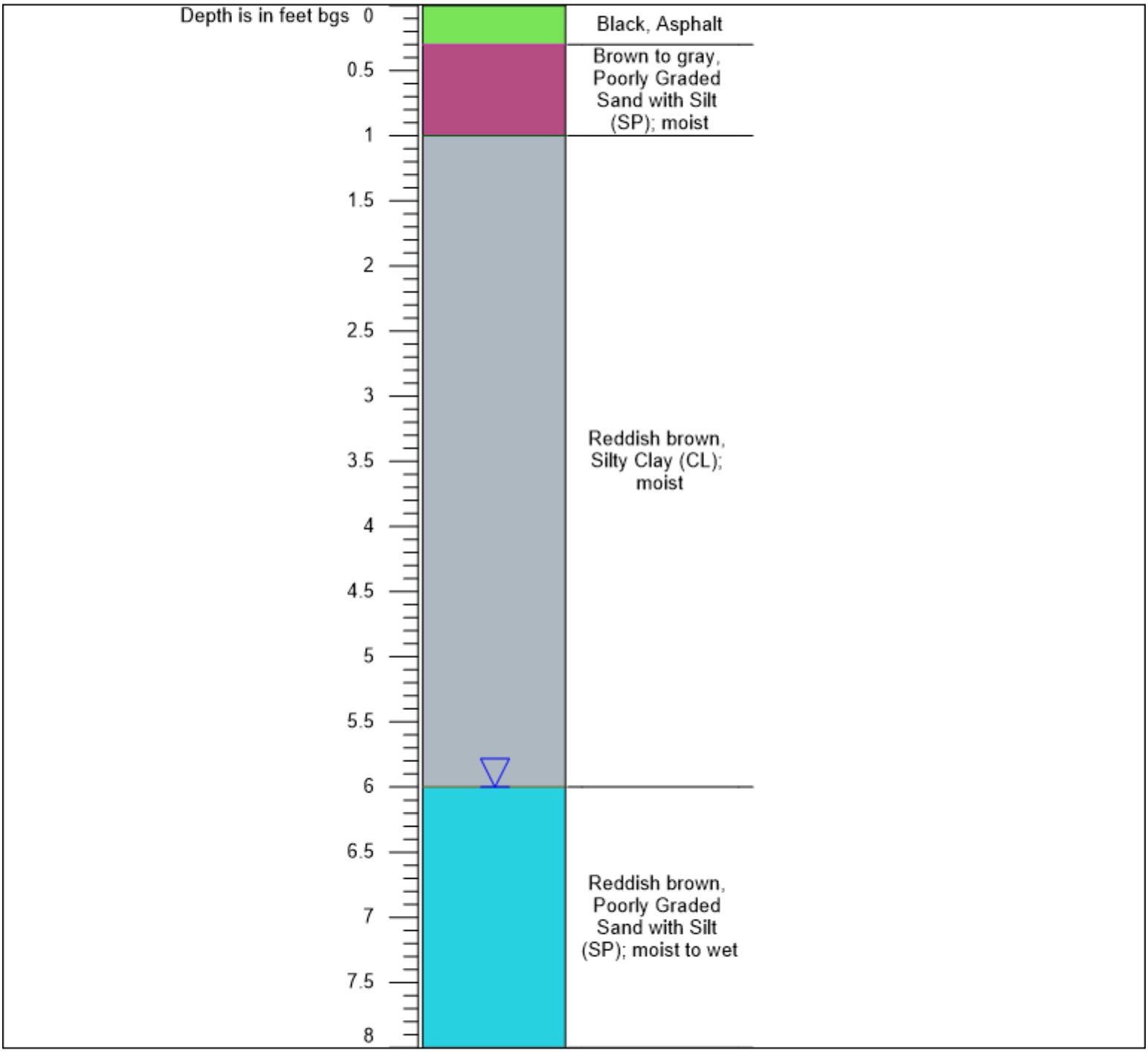
Boring: B1

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903306, -78.863924



Depth to groundwater: 6 ft bgs

Contractor: TREC Environmental

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Project: Pilgrim Village - Family Site

Client: SA&A-EVI

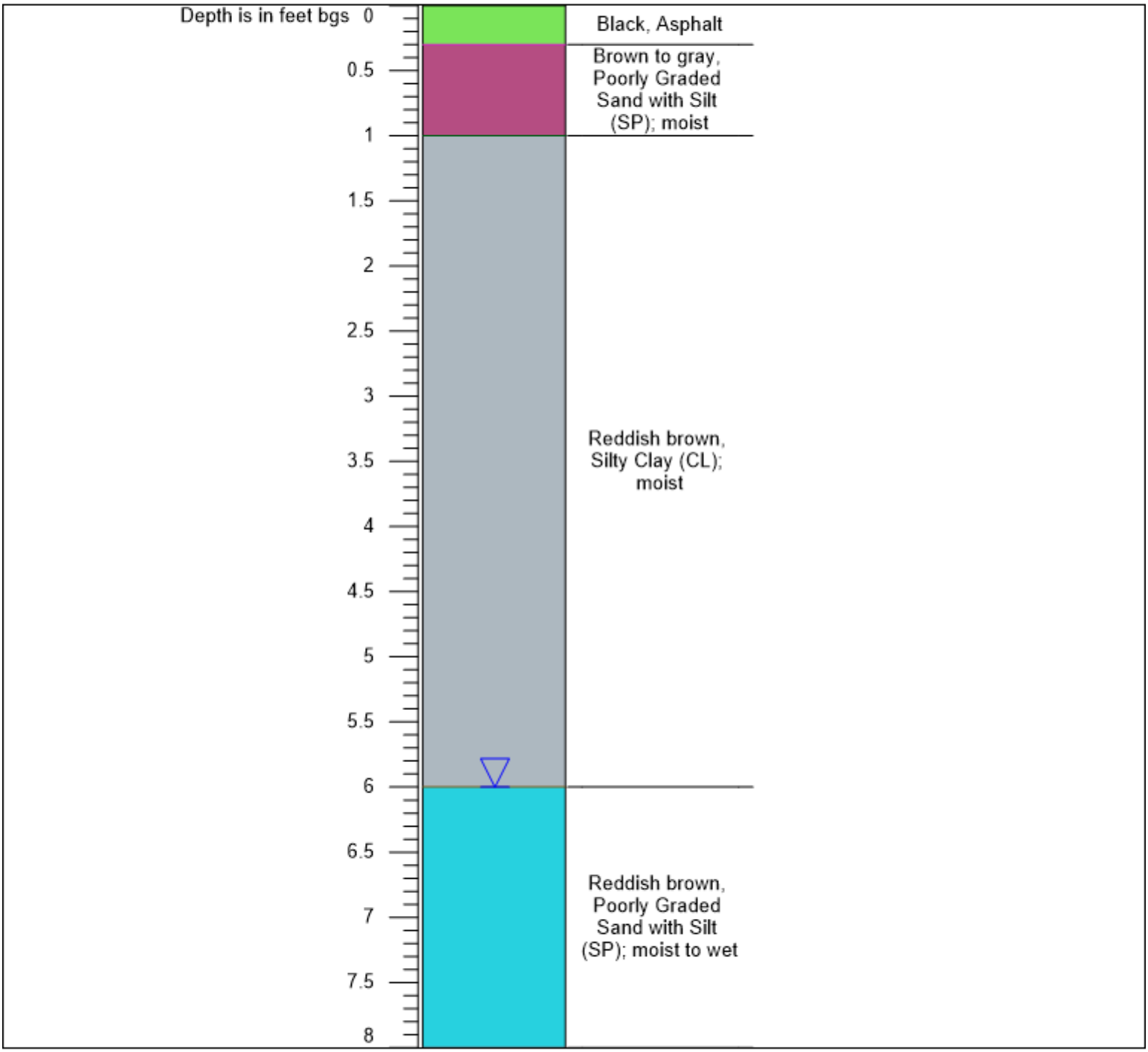
Boring: B2

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903009, -78.863953



Depth to groundwater: 6 ft bgs

Contractor: TREC Environmental

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Project: Pilgrim Village - Family Site

Client: SA&A-EVI

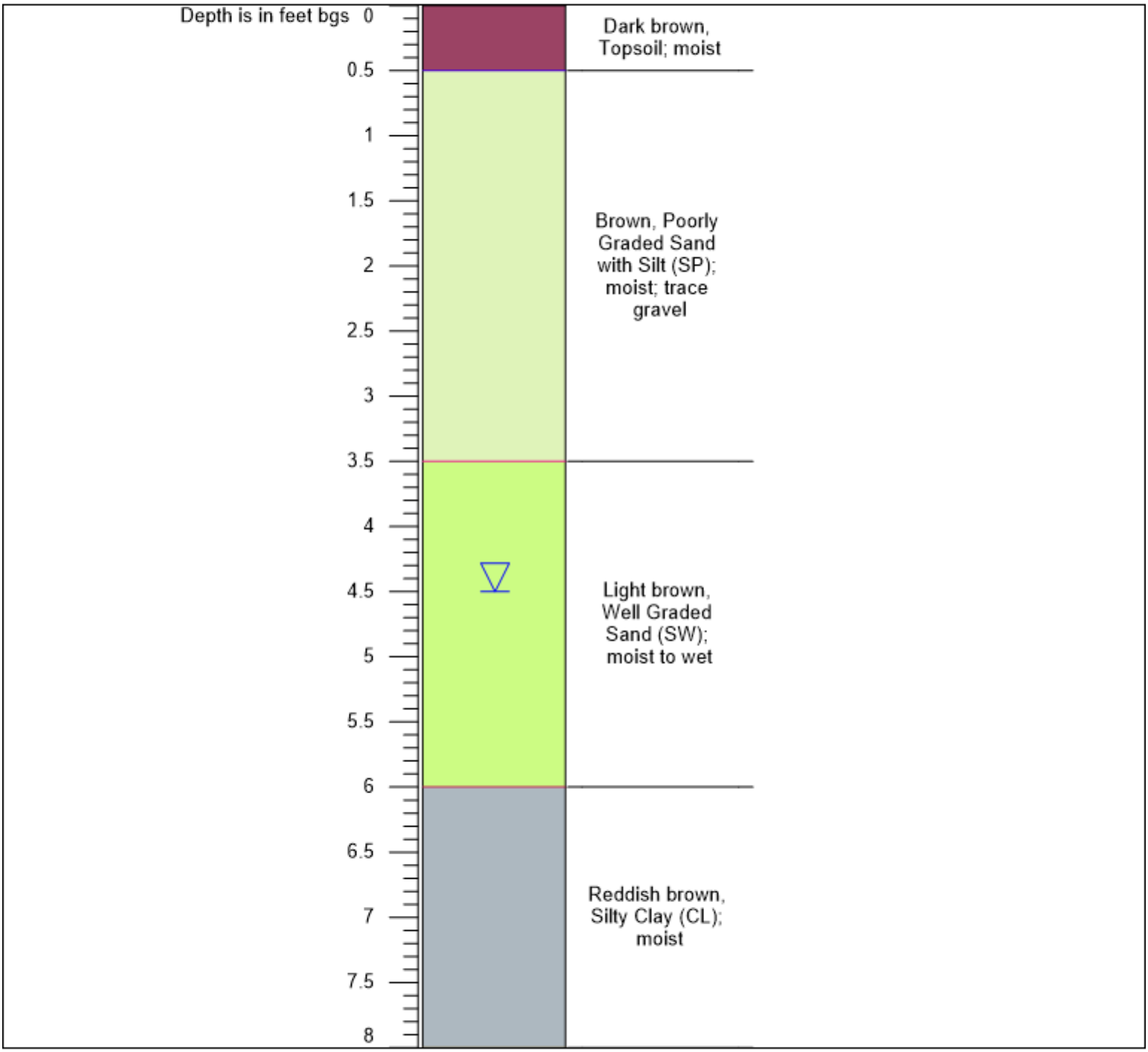
Boring: B3

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.902865, -78.863511



Depth to groundwater: 4.5 ft bgs

Contractor: TREC Environmental

BE3CORP
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Project: Pilgrim Village - Family Site

Client: SA&A-EVI

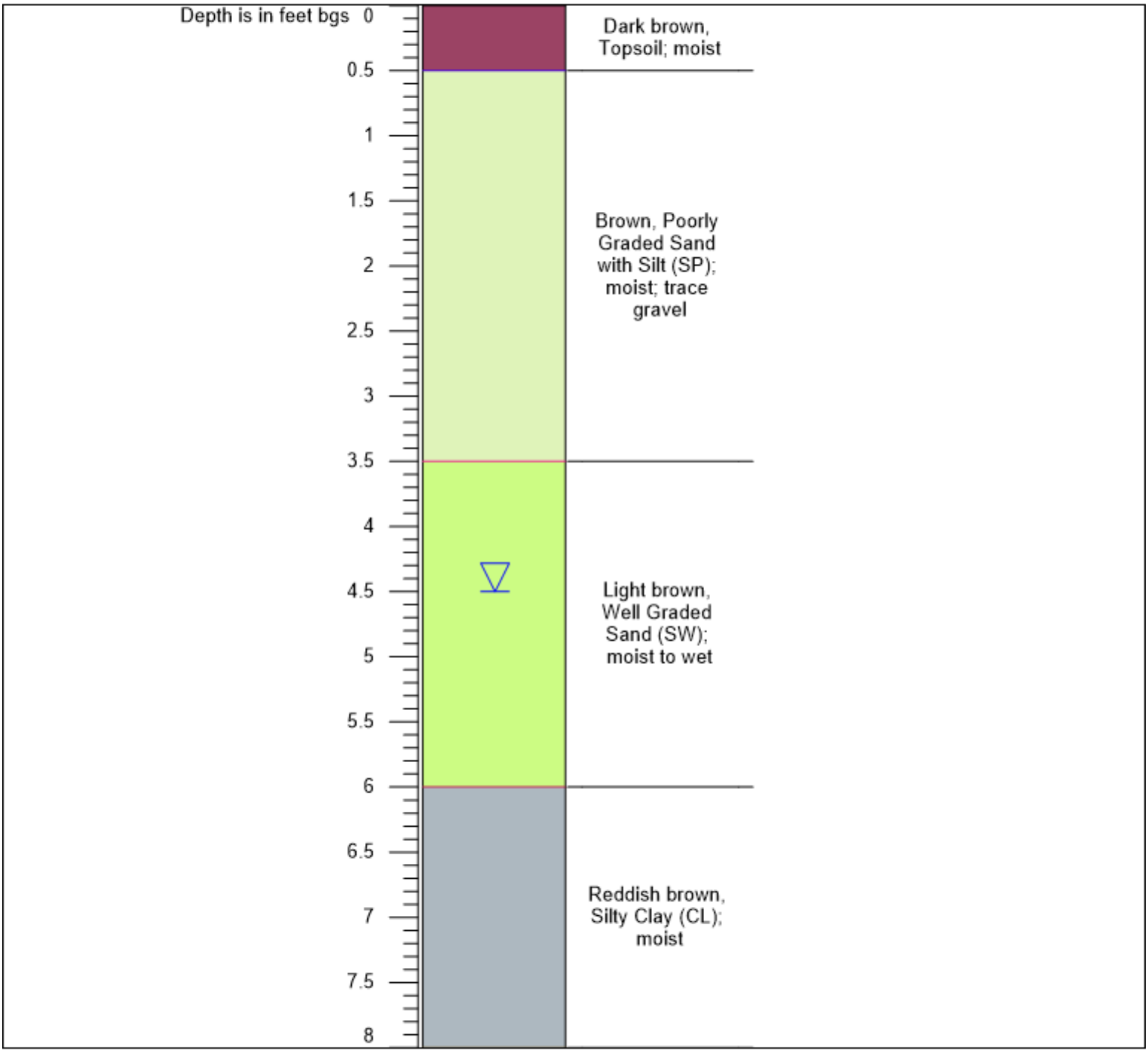
Boring: B4

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.902916, -78.863171



Depth to groundwater: 4.5 ft bgs

Contractor: TREC Environmental

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Project: Pilgrim Village - Family Site

Client: SA&A-EVI

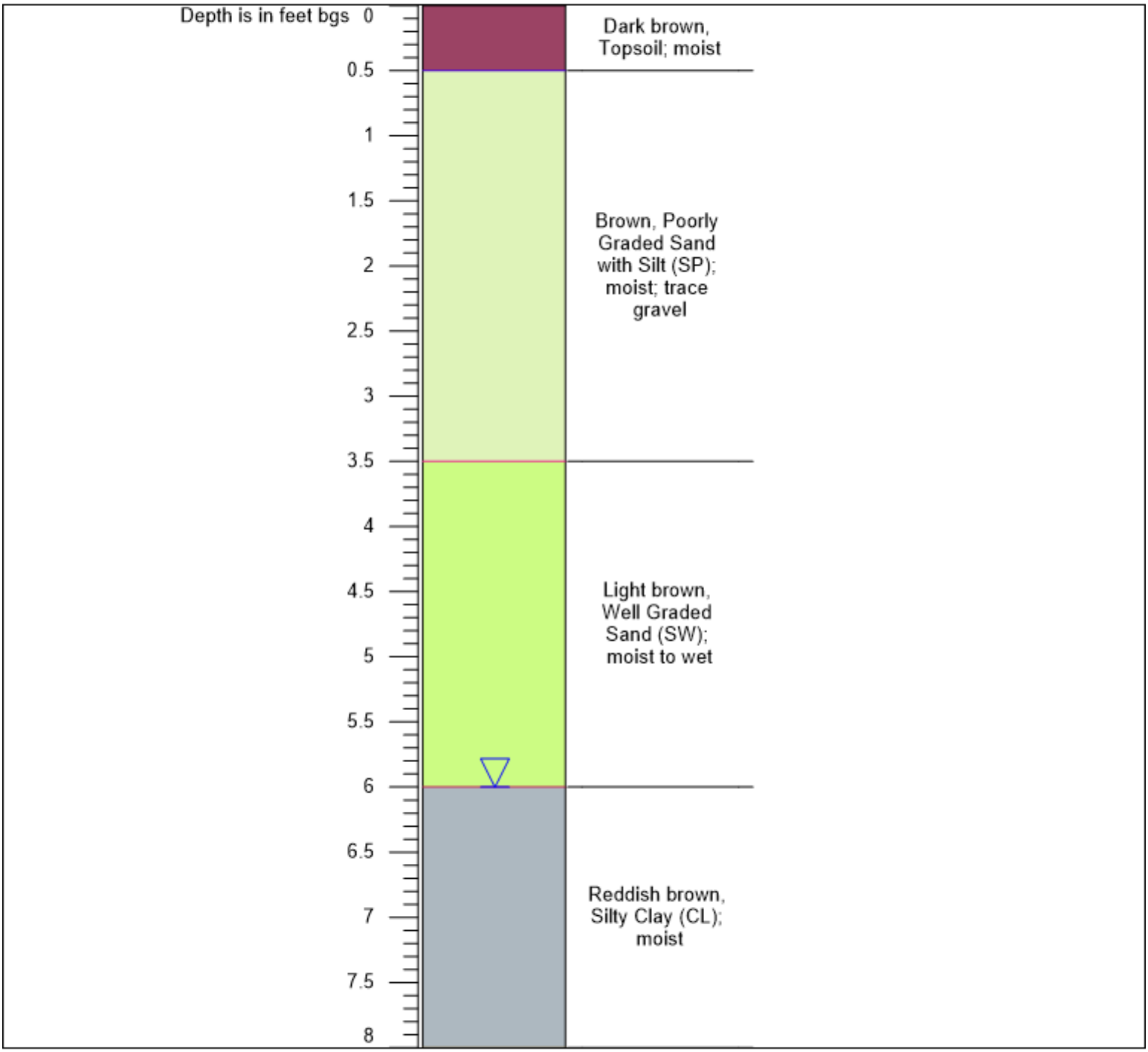
Boring: B5

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903029, -78.862713



Depth to groundwater: 6 ft bgs

Contractor: TREC Environmental

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Project: Pilgrim Village - Family Site

Client: SA&A-EVI

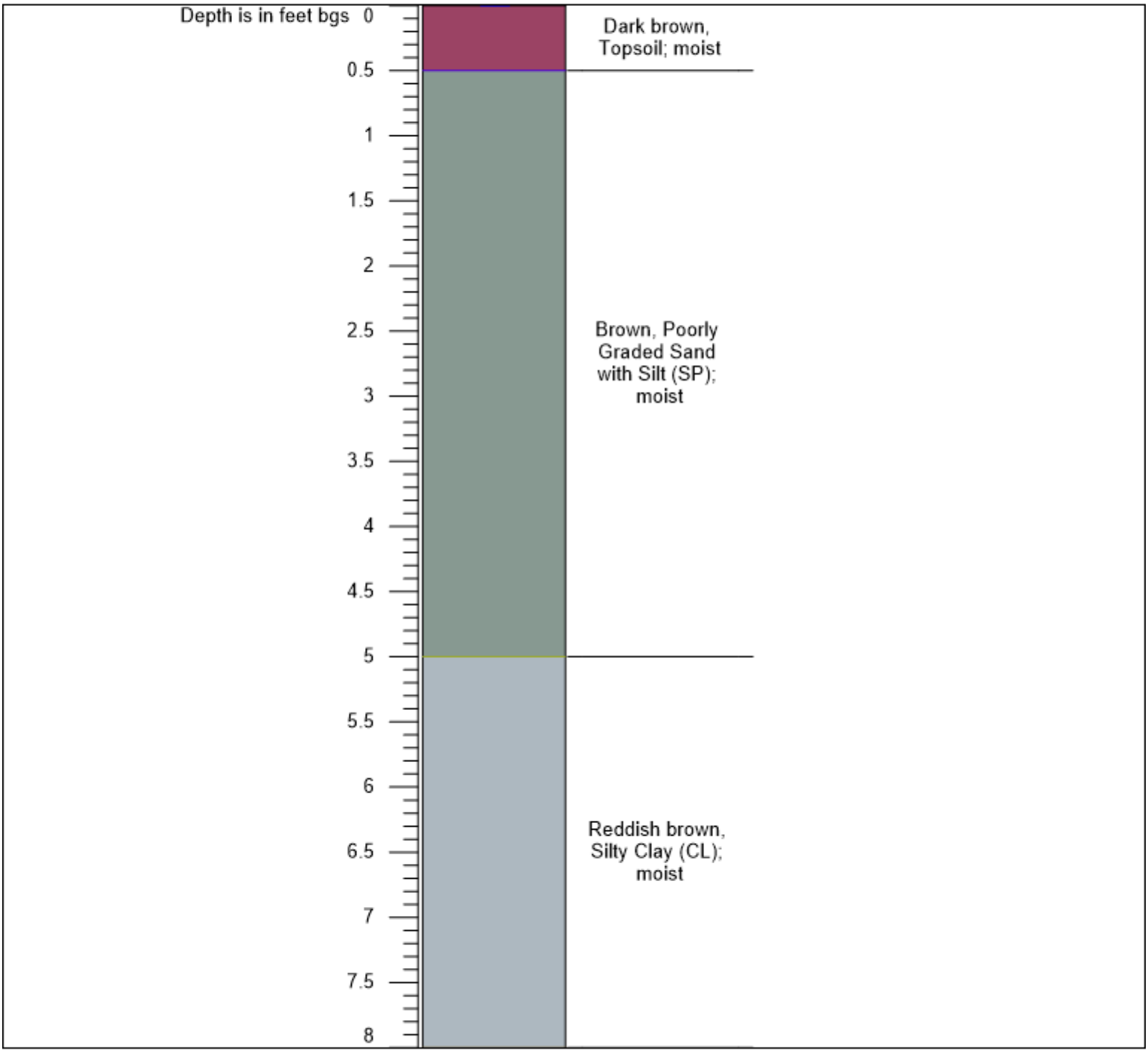
Boring: B6

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903404, -78.862739



Depth to groundwater: N/A

Contractor: TREC Environmental

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BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

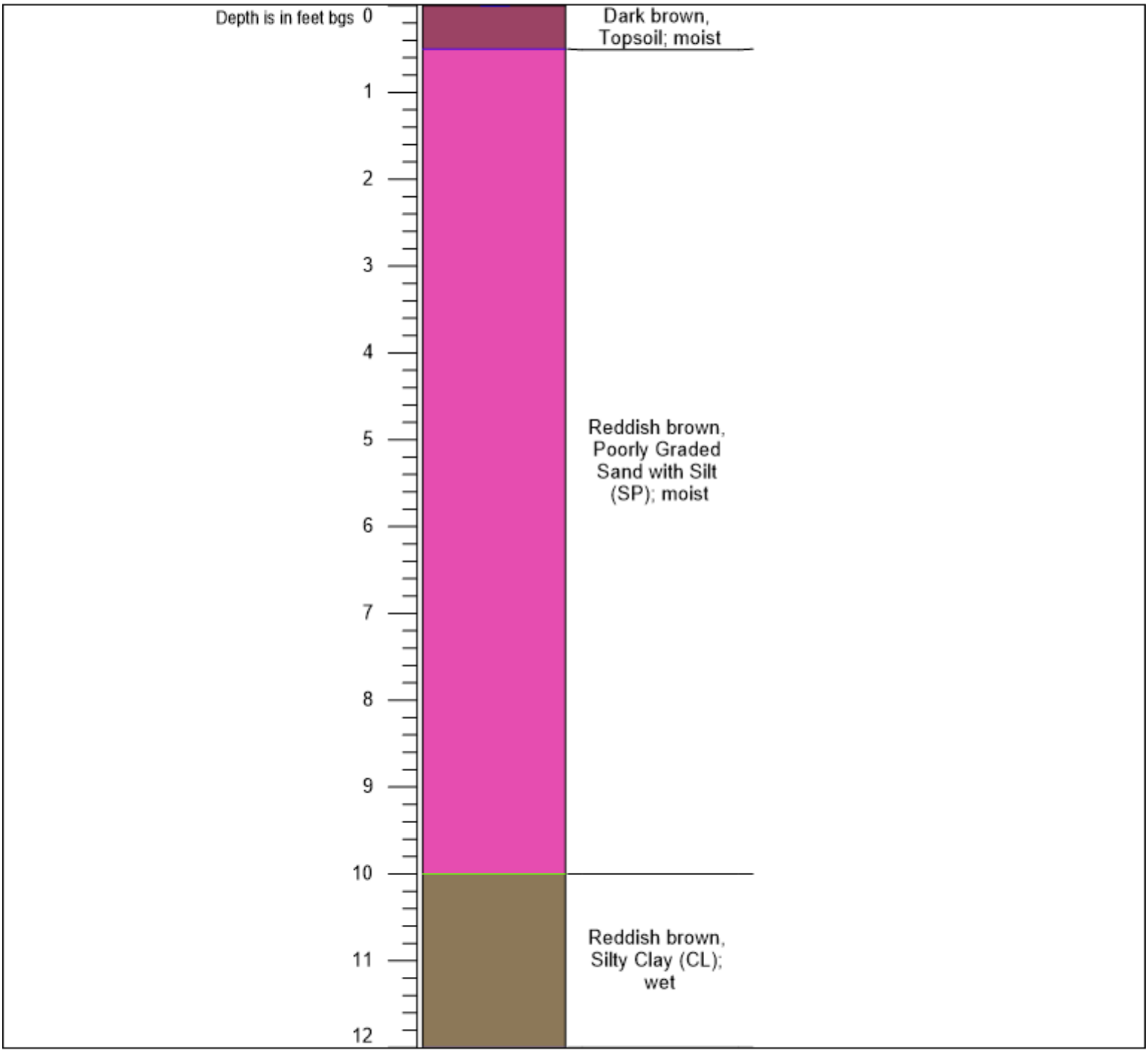
Boring: B7

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903496, -78.862941



Depth to groundwater: N/A

Contractor: TREC Environmental

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Project: Pilgrim Village - Family Site

Client: SA&A-EVI

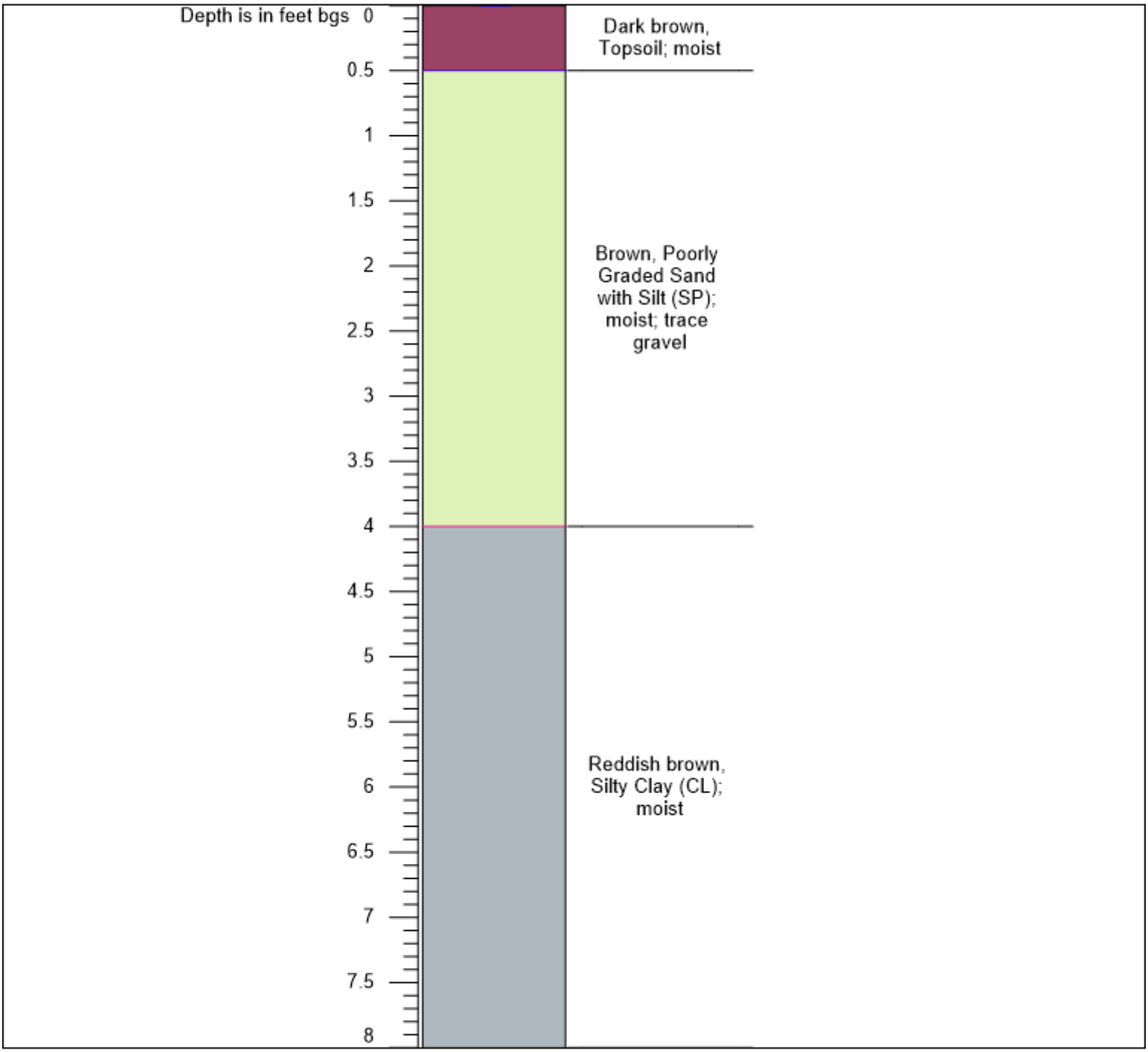
Boring: B8

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903633, -78.862759



Depth to groundwater: N/A

Contractor: TREC Environmental

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Project: Pilgrim Village - Family Site

Client: SA&A-EVI

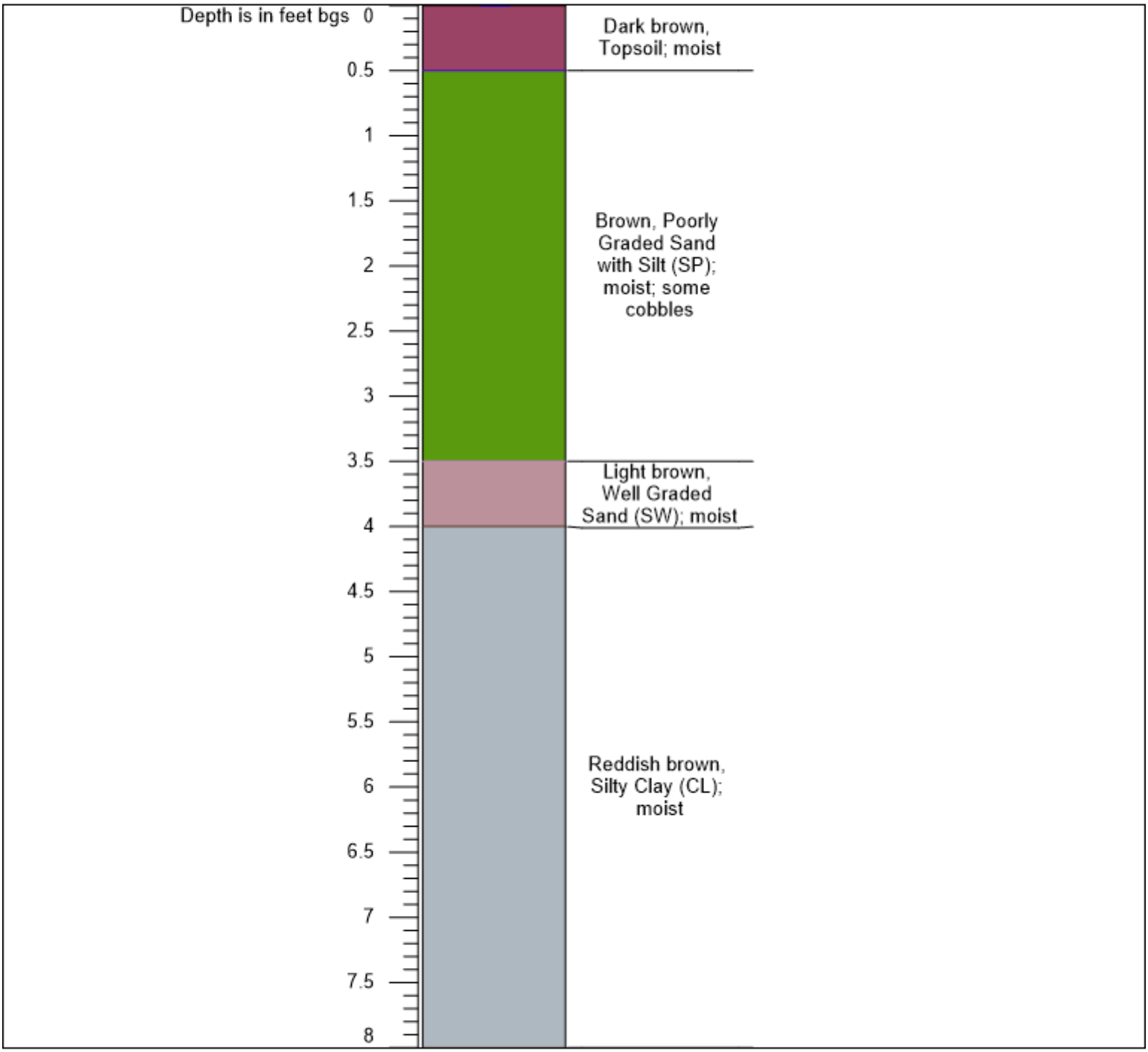
Boring: B9

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903793, -78.862774



Depth to groundwater: N/A

Contractor: TREC Environmental

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BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

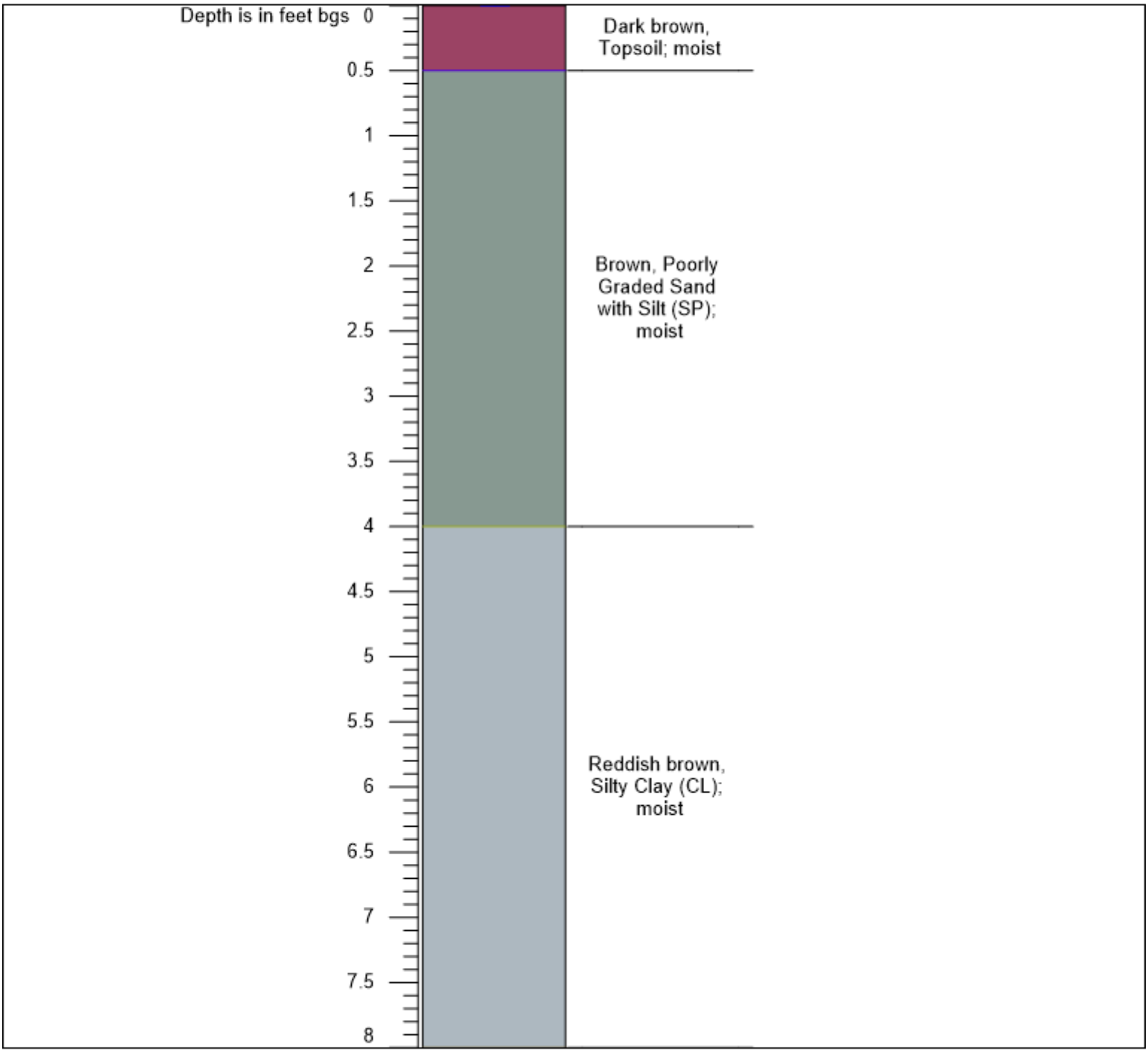
Boring: B10

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.90375, -78.862944



Depth to groundwater: N/A

Contractor: TREC Environmental

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

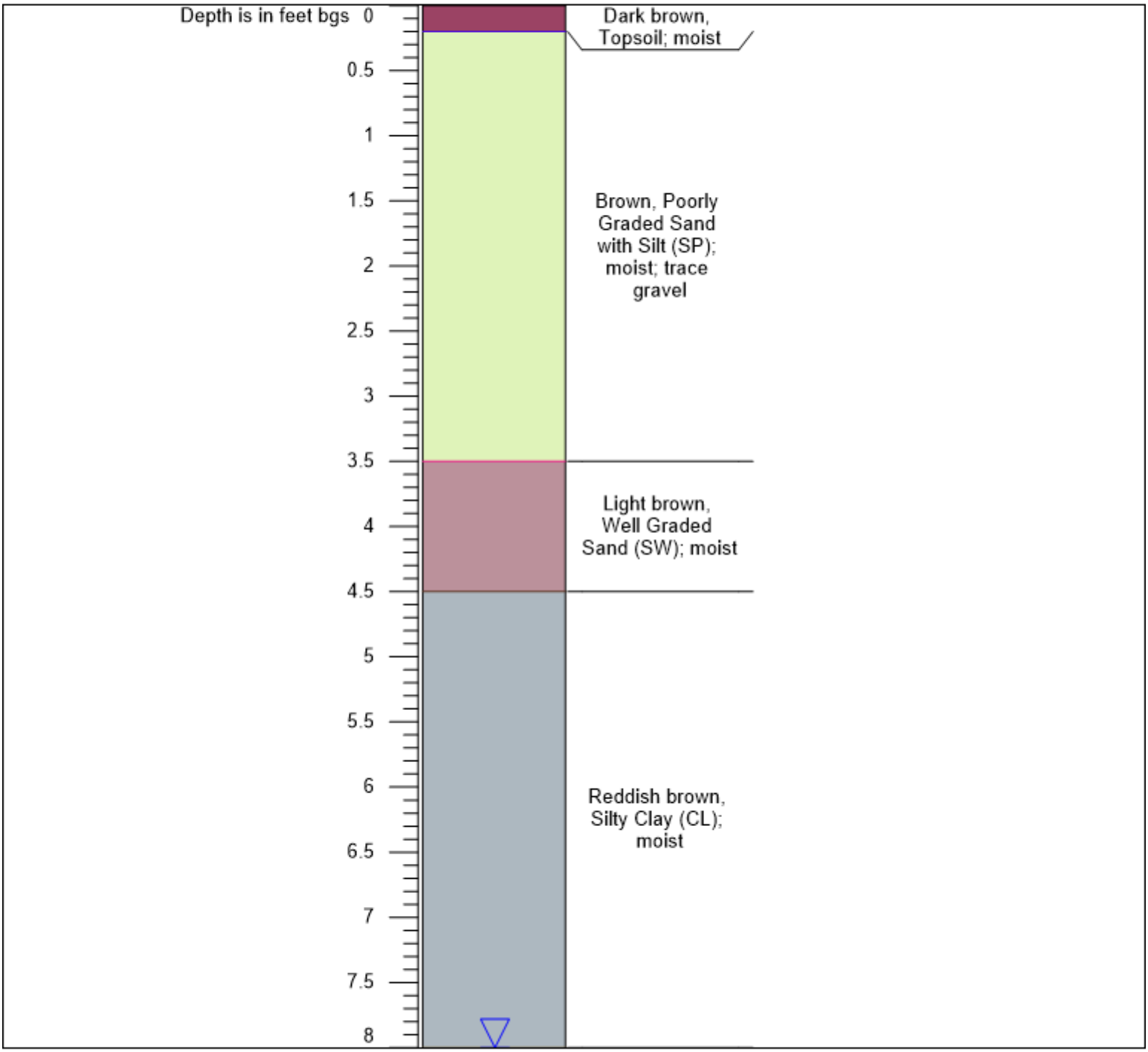
Boring: B11

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903844, -78.862987



Depth to groundwater: 8 ft bgs

Contractor: TREC Environmental

BE3CORP

BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

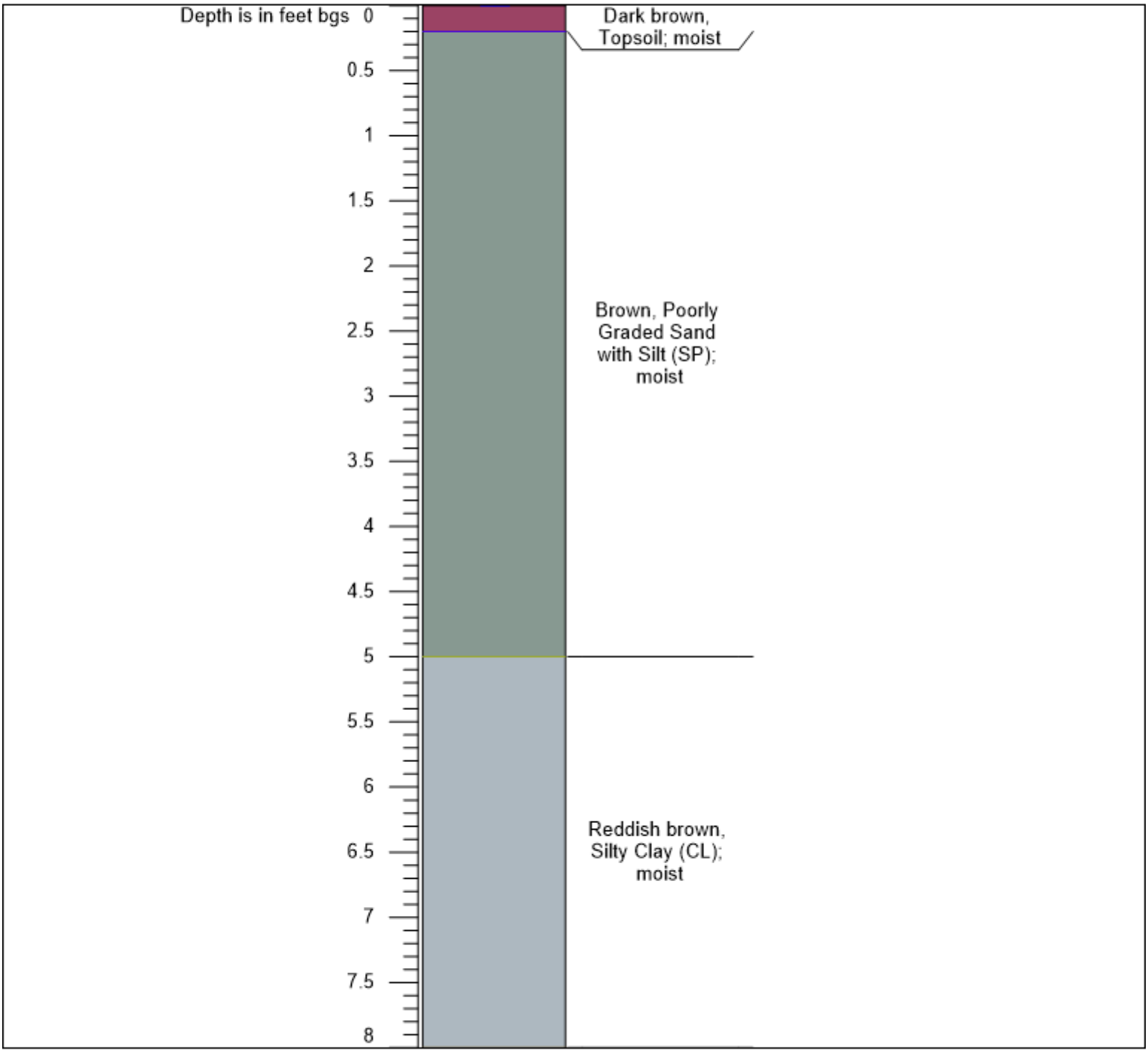
Boring: B12

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903716, -78.863163



Depth to groundwater: N/A

Contractor: TREC Environmental

BE3CORP

BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

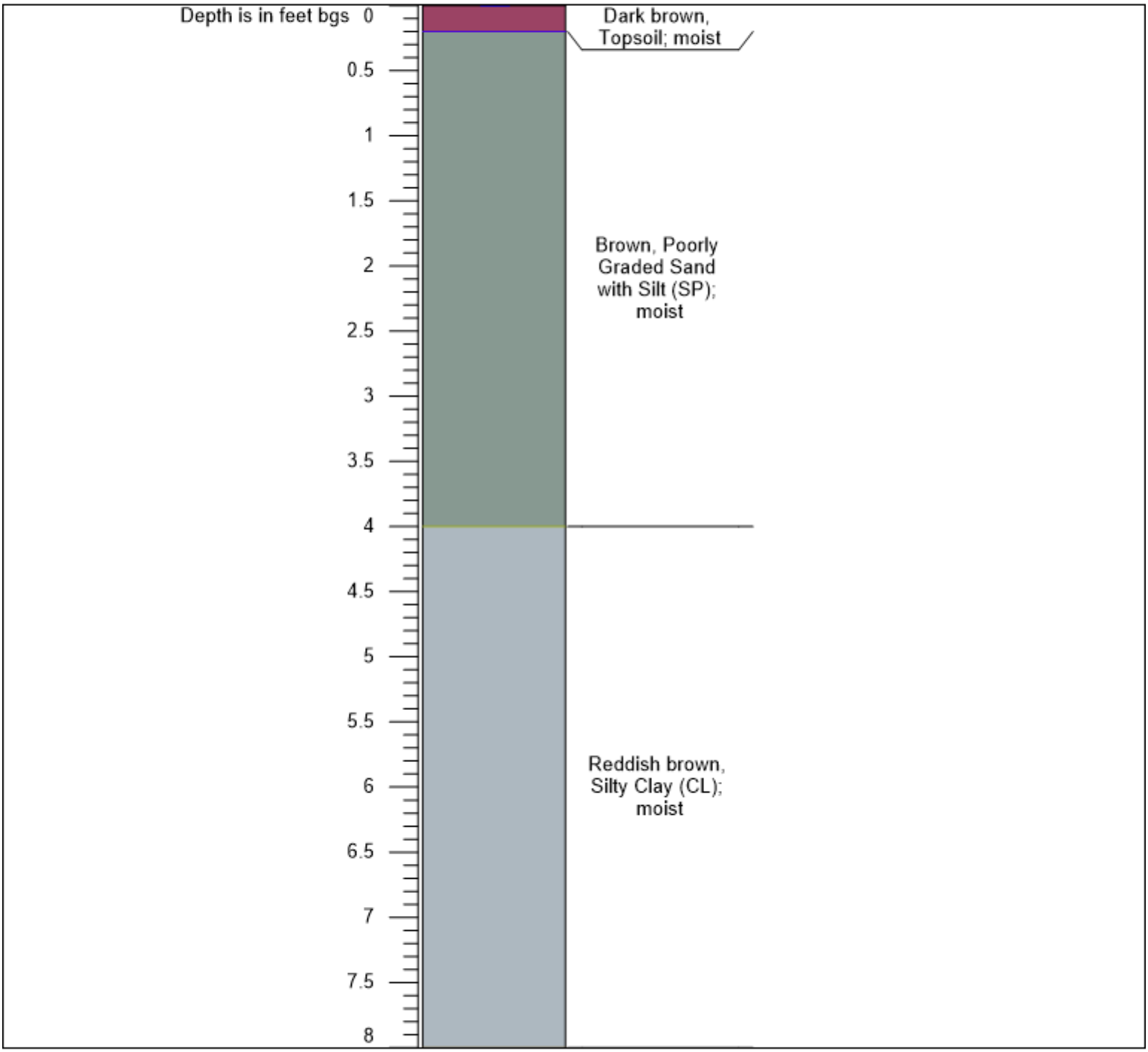
Boring: B13

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/7/21

Coordinates: 42.903866, -78.863188



Depth to groundwater: N/A

Contractor: TREC Environmental

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

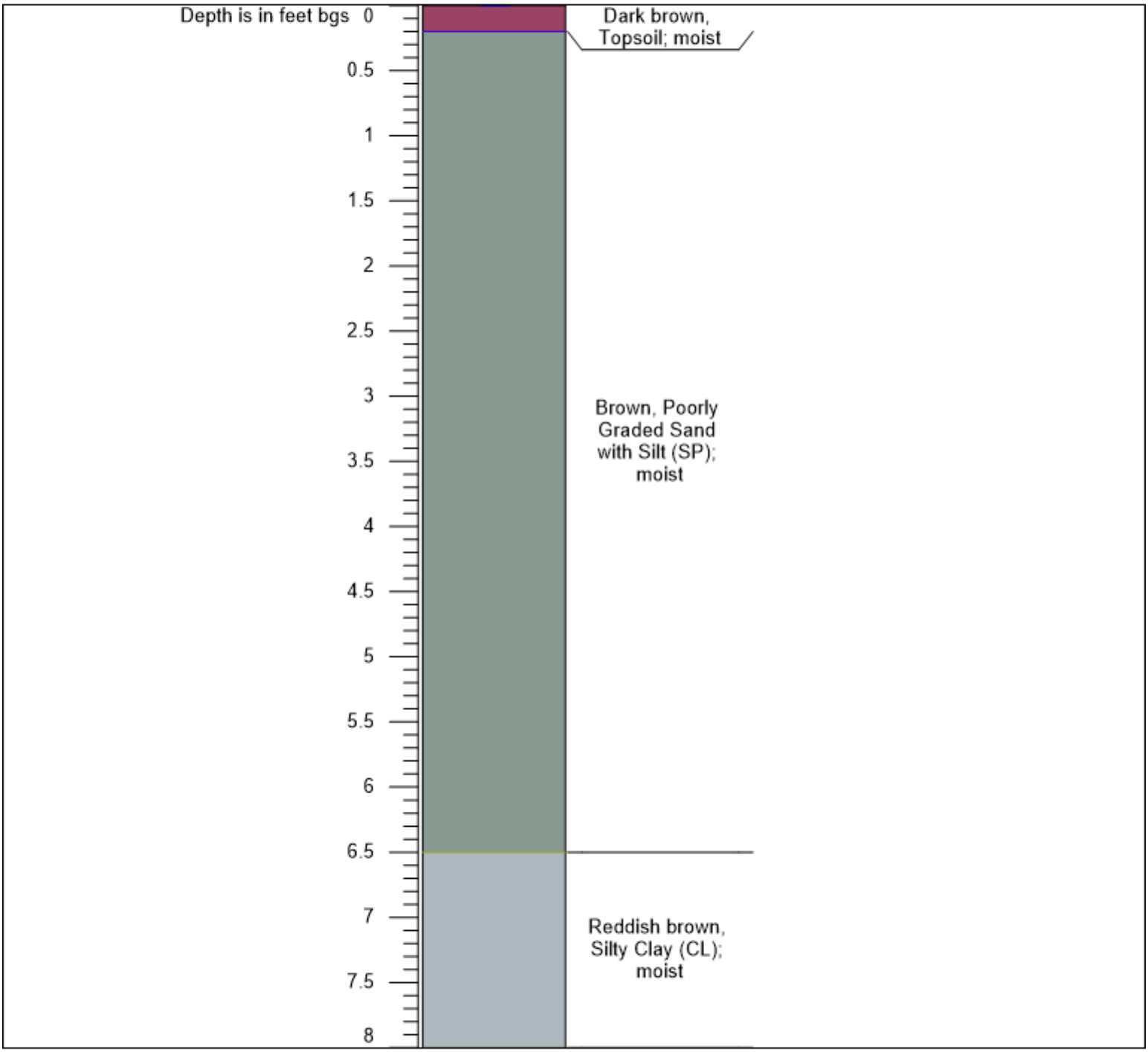
Boring: B14

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/8/21

Coordinates: 42.903859, -78.863626



Depth to groundwater: N/A

Contractor: TREC Environmental

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

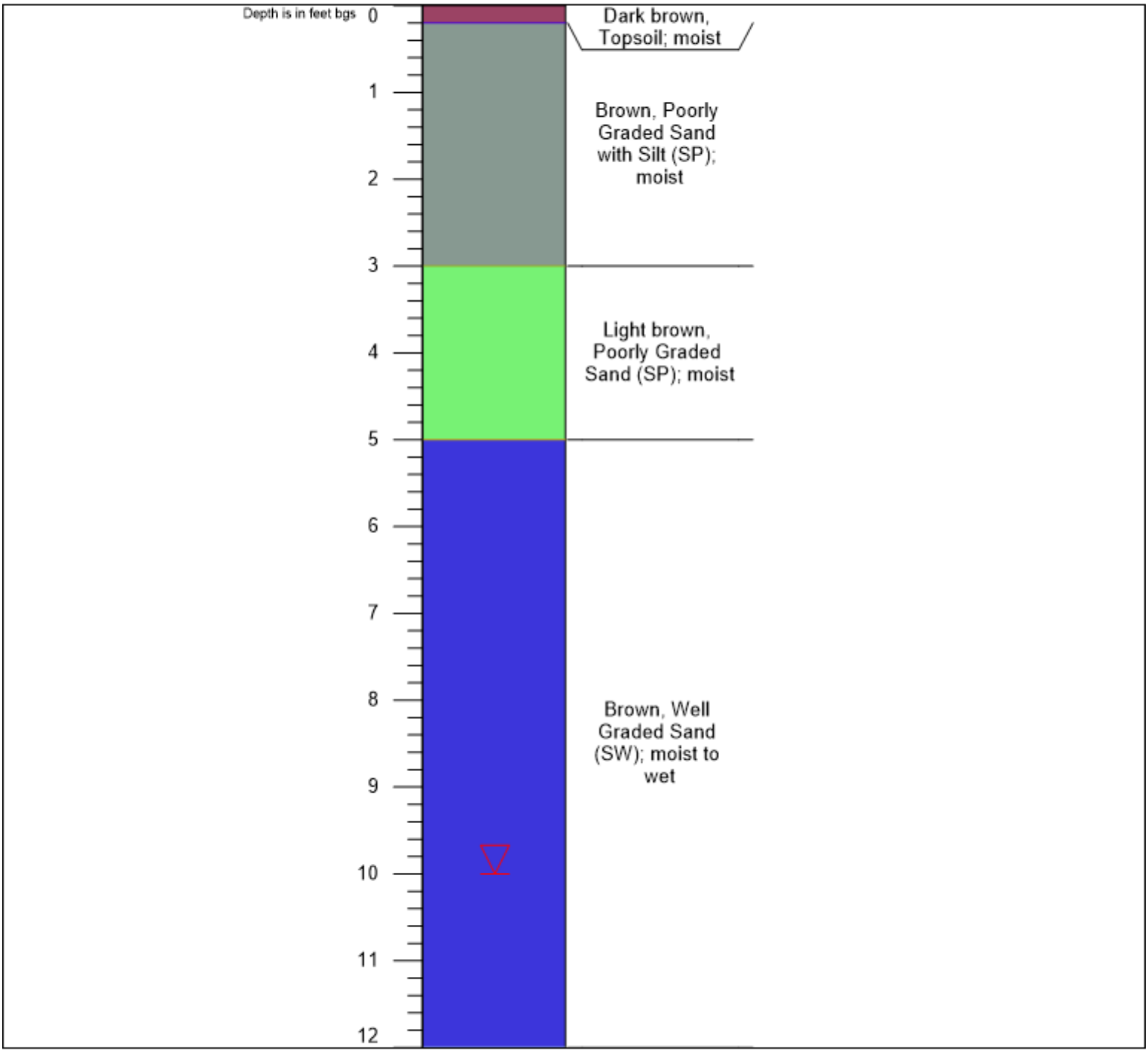
Boring: B15

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/8/21

Coordinates: 42.903665, -78.863839



Depth to groundwater: 10ft bgs

Contractor: TREC Environmental

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

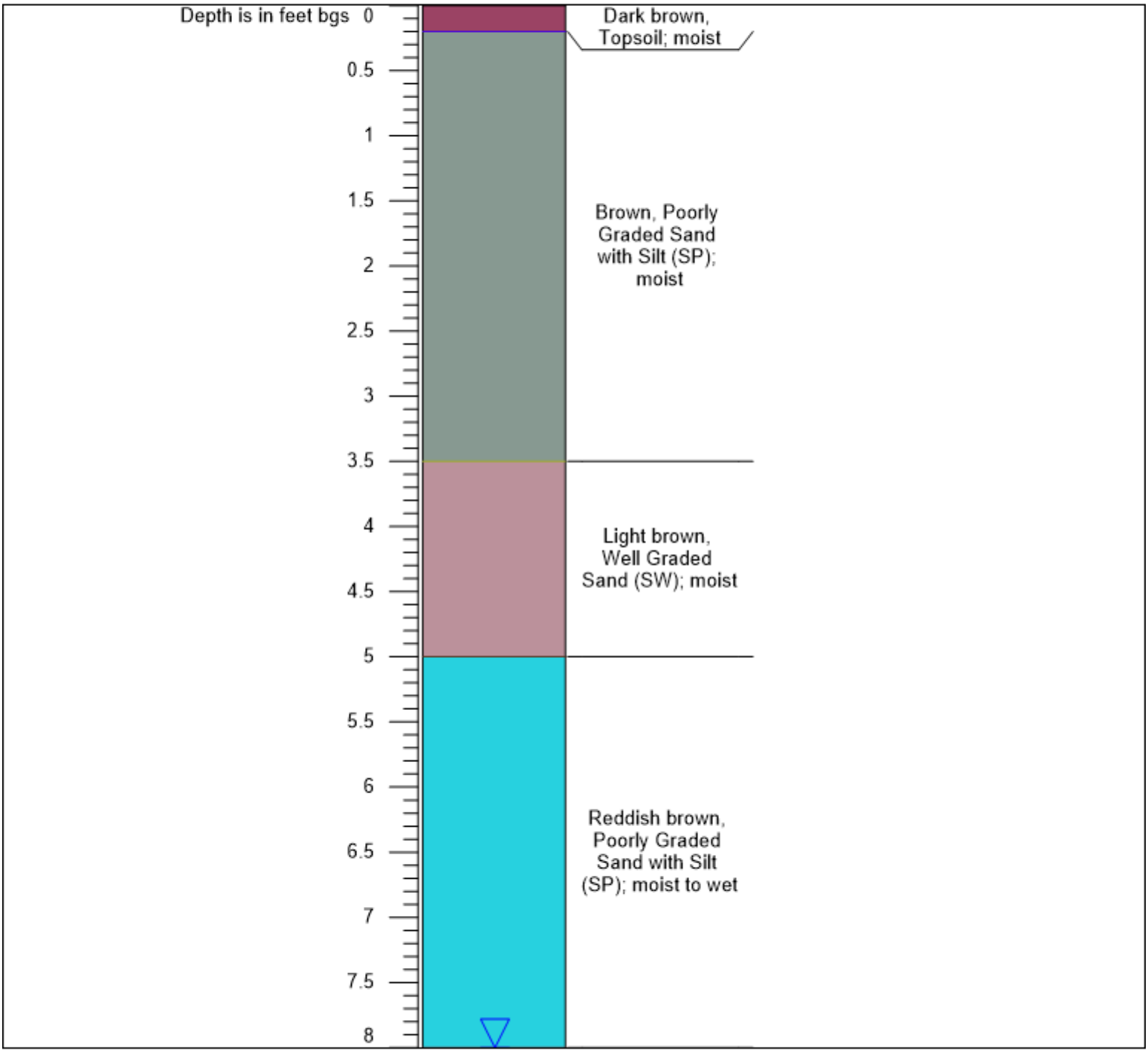
Boring: B16

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/8/21

Coordinates: 42.903626, -78.863591



Depth to groundwater: 8 ft bgs

Contractor: TREC Environmental

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

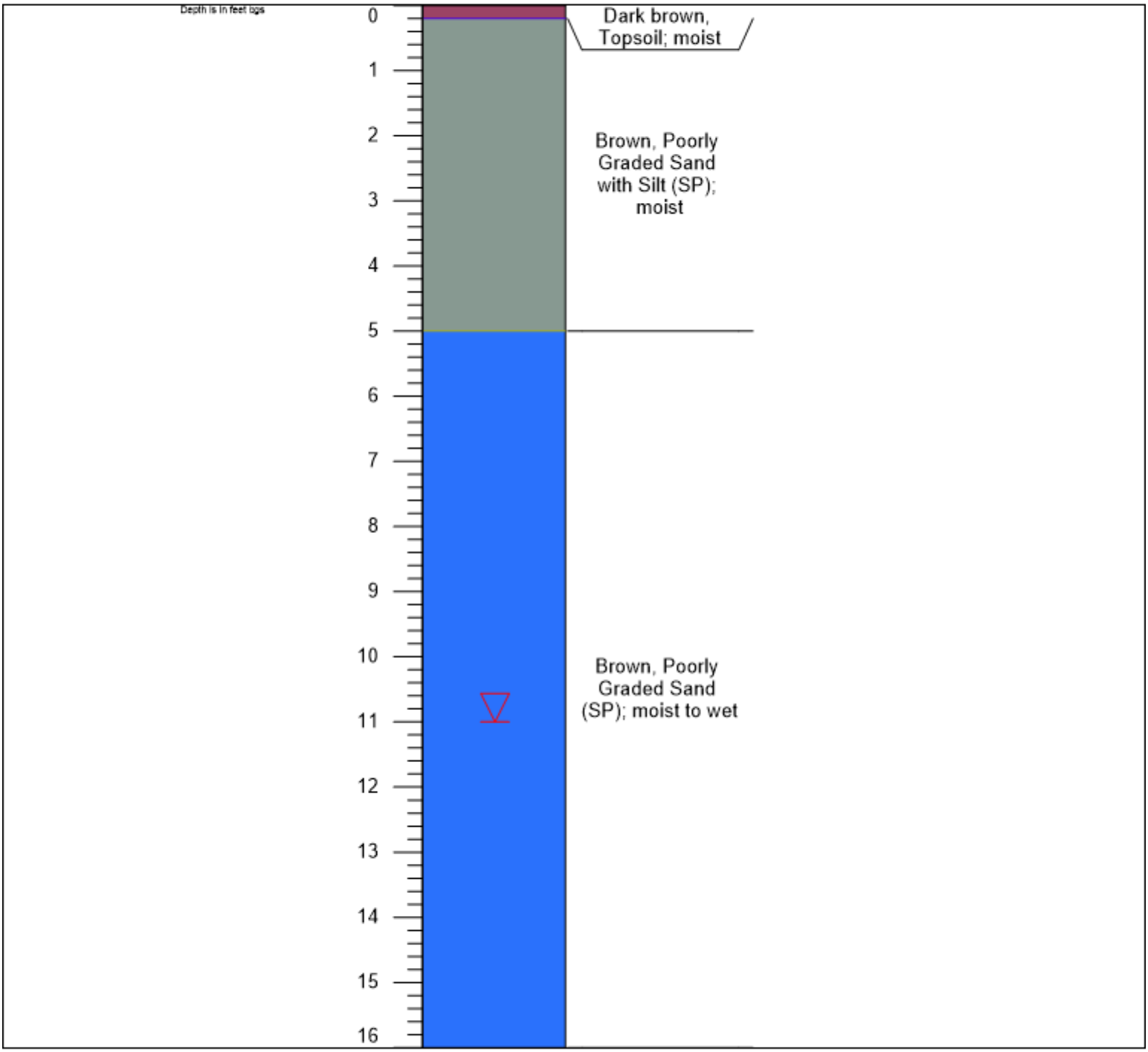
Boring: B17

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/8/21

Coordinates: 42.903532, -78.863187



Depth to groundwater: 11 ft bgs

Contractor: TREC Environmental

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

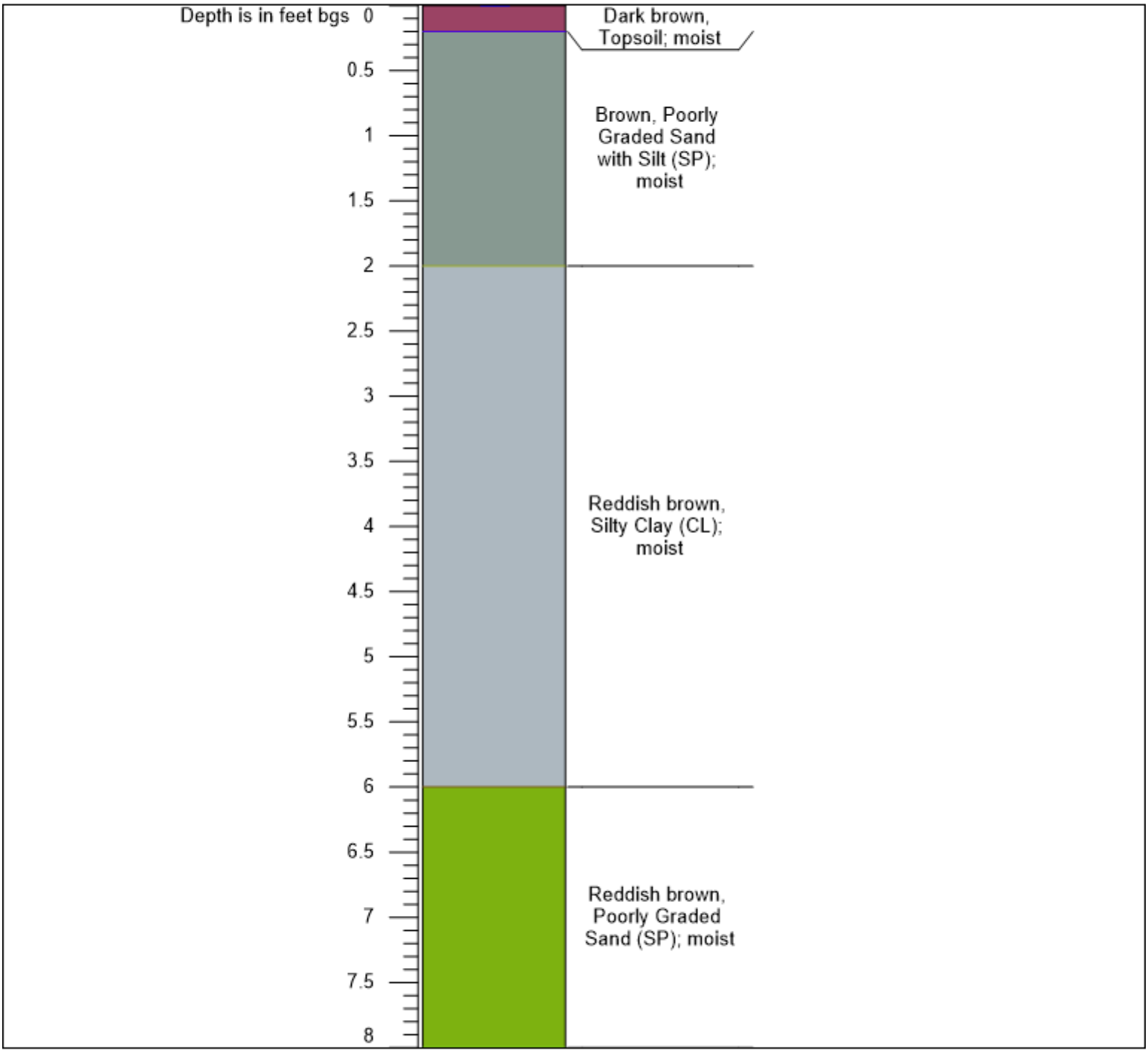
Boring: B18

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/8/21

Coordinates: 42.903373, -78.863217



Depth to groundwater: N/A

Contractor: TREC Environmental

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

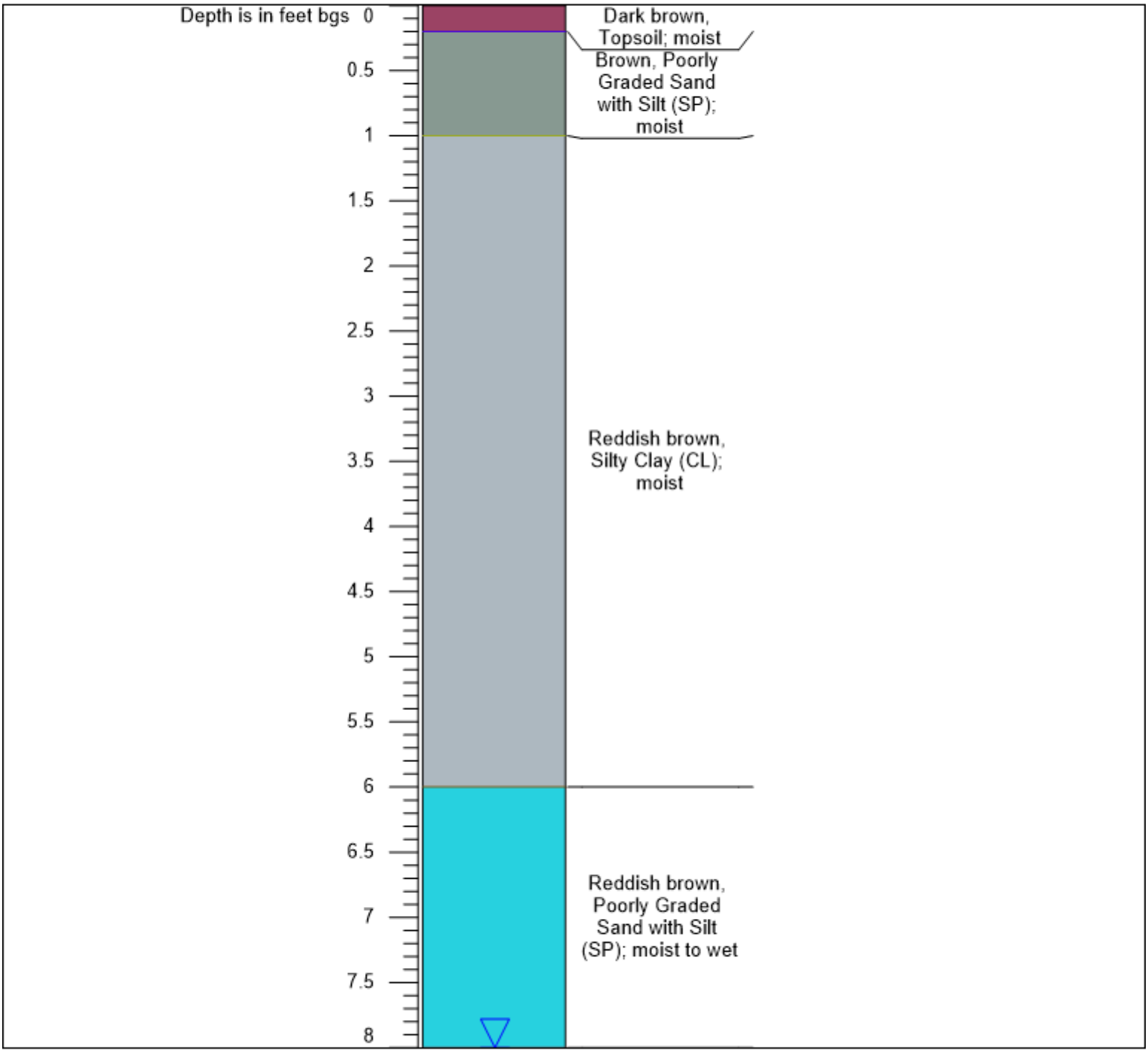
Boring: B19

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/8/21

Coordinates: 42.903286, -78.863239



Depth to groundwater: 8 ft bgs

Contractor: TREC Environmental

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

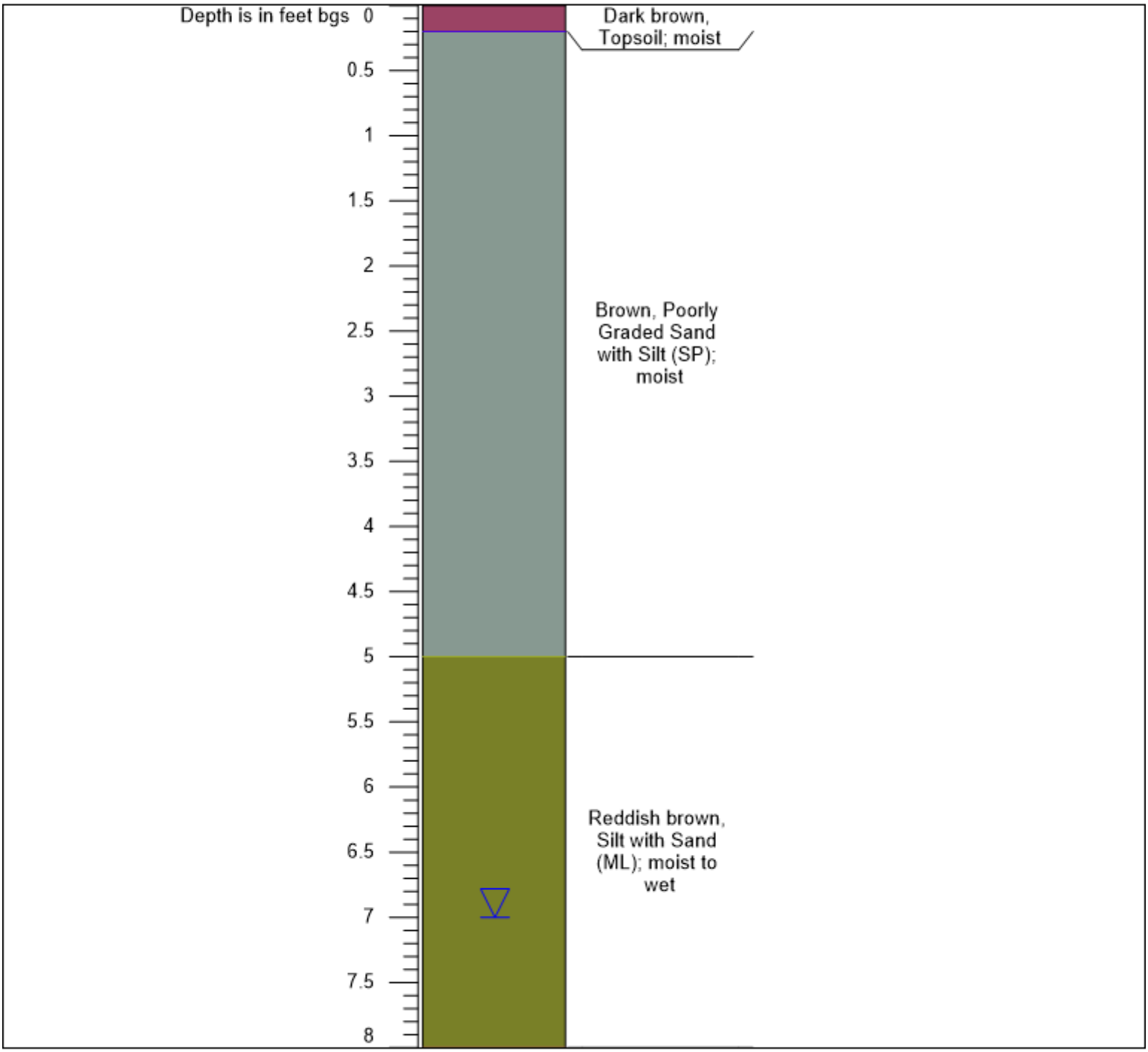
Boring: B20

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/8/21

Coordinates: 42.903246, -78.863715



Depth to groundwater: 7 ft bgs

Contractor: TREC Environmental

BE3CORP

BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

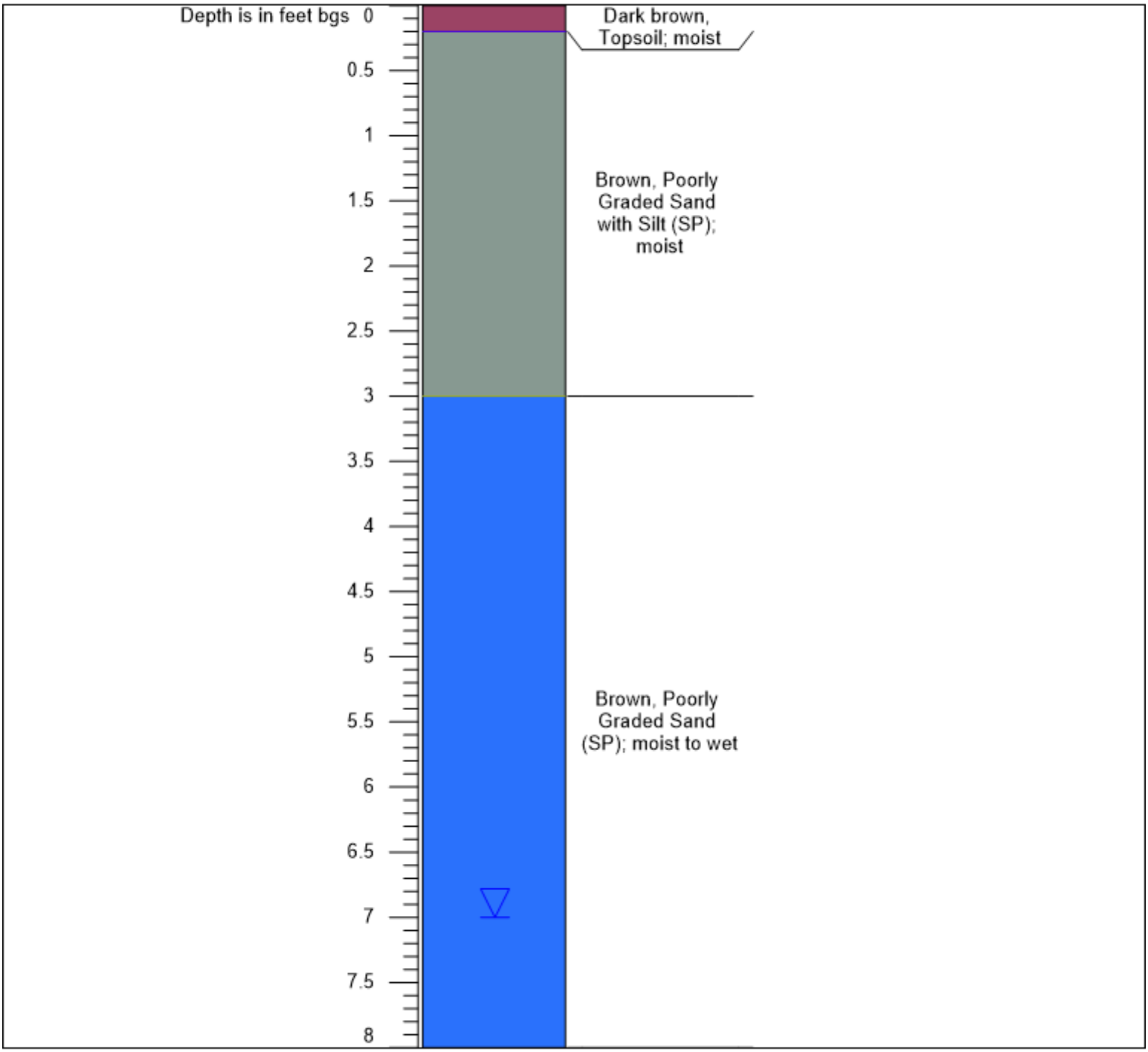
Boring: B21

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/8/21

Coordinates: 42.903399, -78.863621



Depth to groundwater: 7 ft bgs

Contractor: TREC Environmental

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Project: Pilgrim Village - Family Site

Client: SA&A-EVI

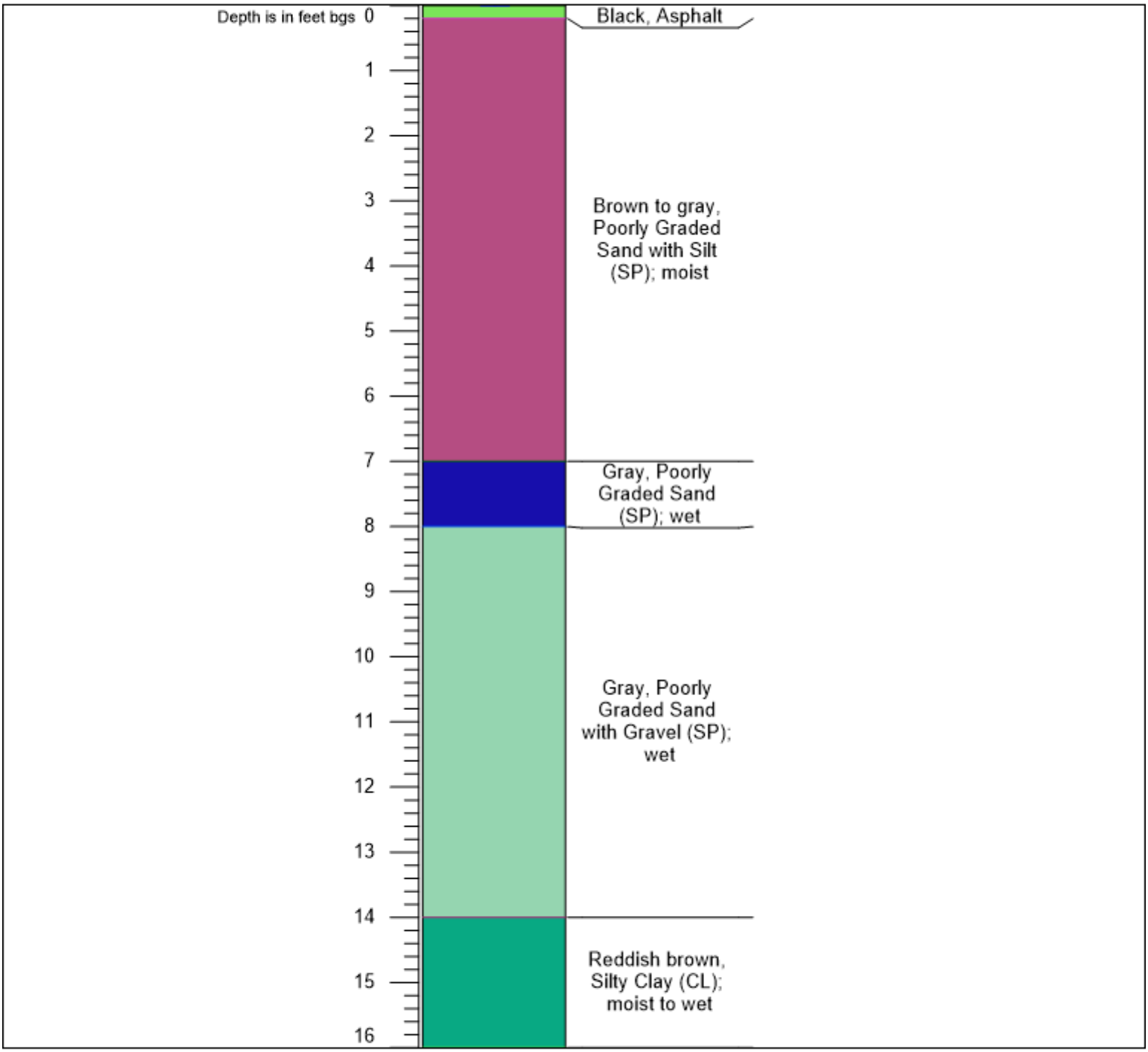
Boring: B22

Location: 1100 Michigan Ave., Buffalo, NY 14209

Geologist/Technician: Jake Tracy

Date: 1/8/21

Coordinates: 42.903416, -78.863903



Depth to groundwater: N/A

Contractor: TREC Environmental

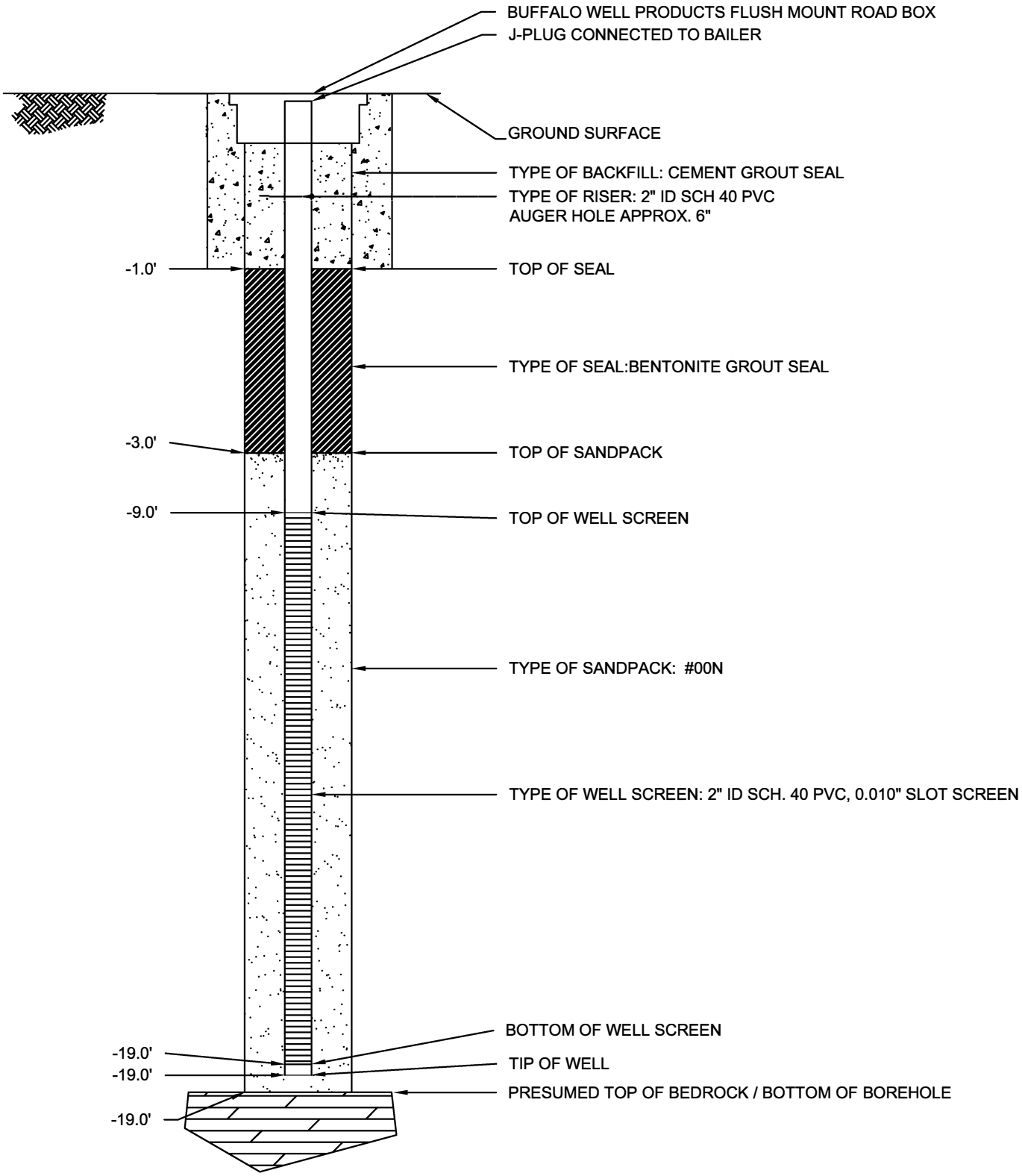
BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

BARRON & ASSOCIATES, P.C. &
BUFFALO DRILLING COMPANY
10440 MAIN ST.
CLARENCE, NY 14031
(716)759-7821
FAX (716)759-7823

MONITORING WELL SCHEMATIC

PROJECT: PILGRIM VILLAGE FAMILY
BUFFALO, NY 14209

JOB NUMBER: 21-521
WELL NUMBER: MW1
DATE: 1/20/21



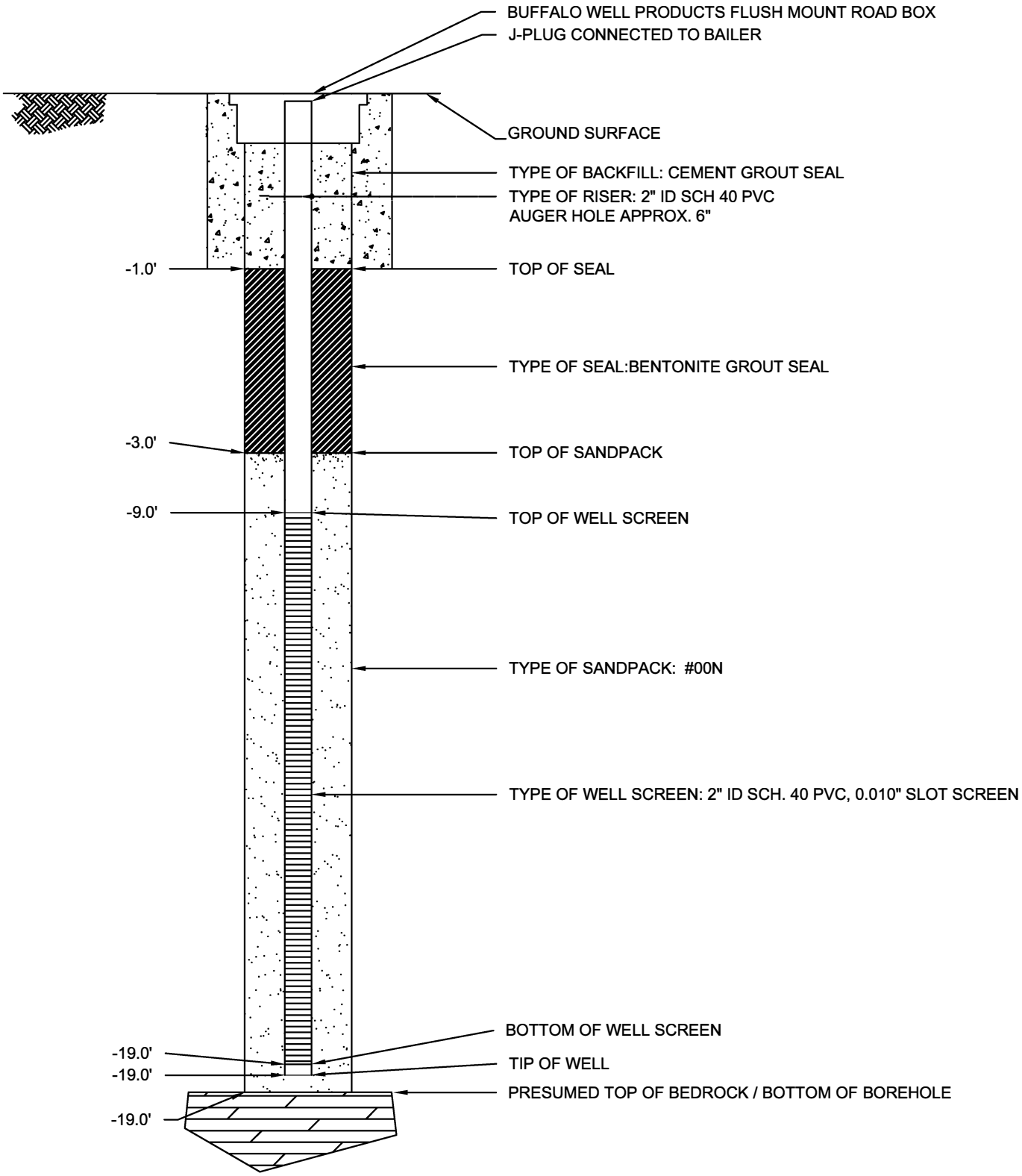
NOT TO SCALE

BARRON & ASSOCIATES, P.C. &
BUFFALO DRILLING COMPANY
10440 MAIN ST.
CLARENCE, NY 14031
(716)759-7821
FAX (716)759-7823

MONITORING WELL SCHEMATIC

PROJECT: PILGRIM VILLAGE FAMILY
BUFFALO, NY 14209

JOB NUMBER: 21-521
WELL NUMBER: MW2
DATE: 1/20/21



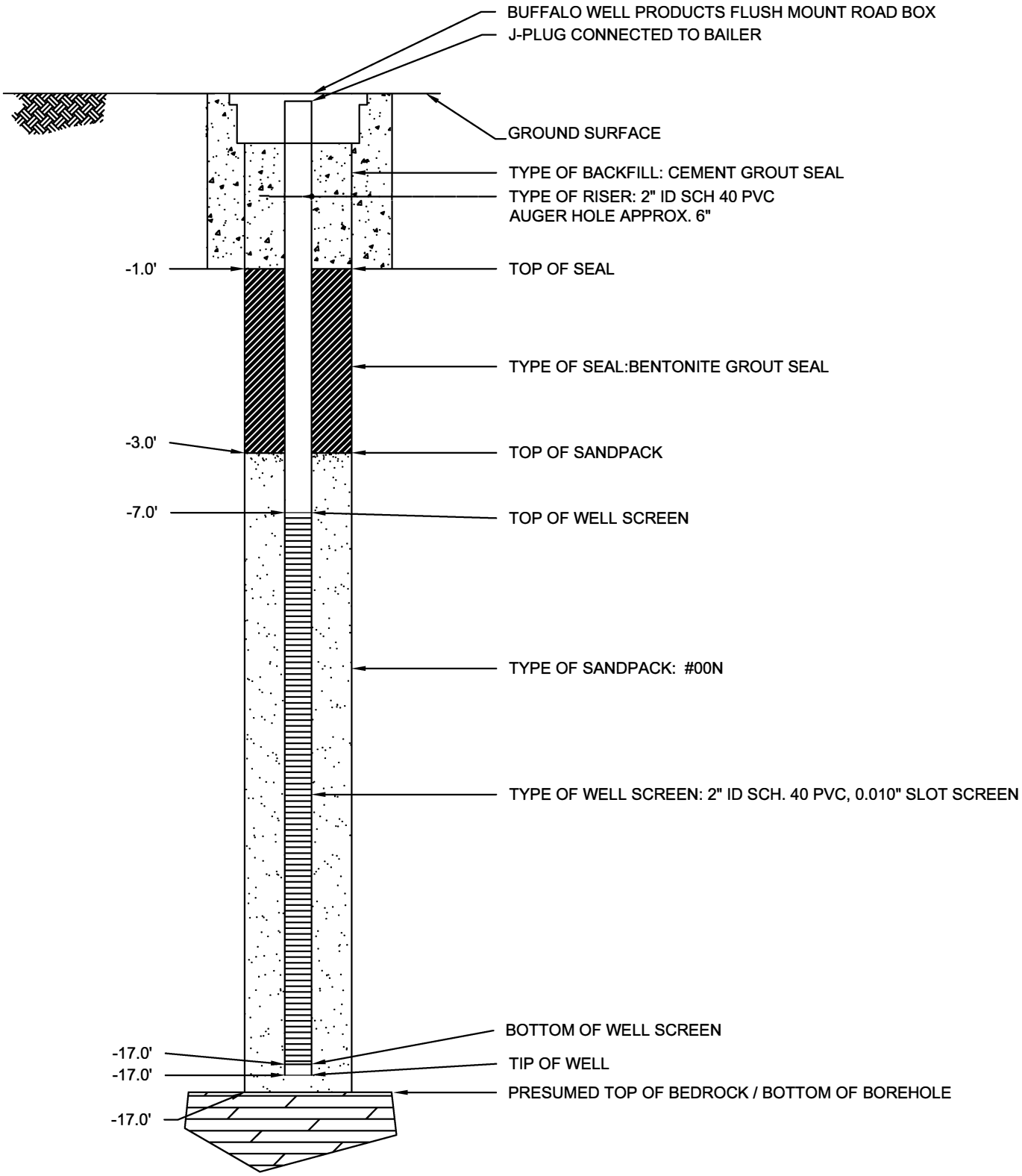
NOT TO SCALE

BARRON & ASSOCIATES, P.C. &
BUFFALO DRILLING COMPANY
10440 MAIN ST.
CLARENCE, NY 14031
(716)759-7821
FAX (716)759-7823

MONITORING WELL SCHEMATIC

PROJECT: PILGRIM VILLAGE FAMILY
BUFFALO, NY 14209

JOB NUMBER: 21-521
WELL NUMBER: MW3
DATE: 1/19/21



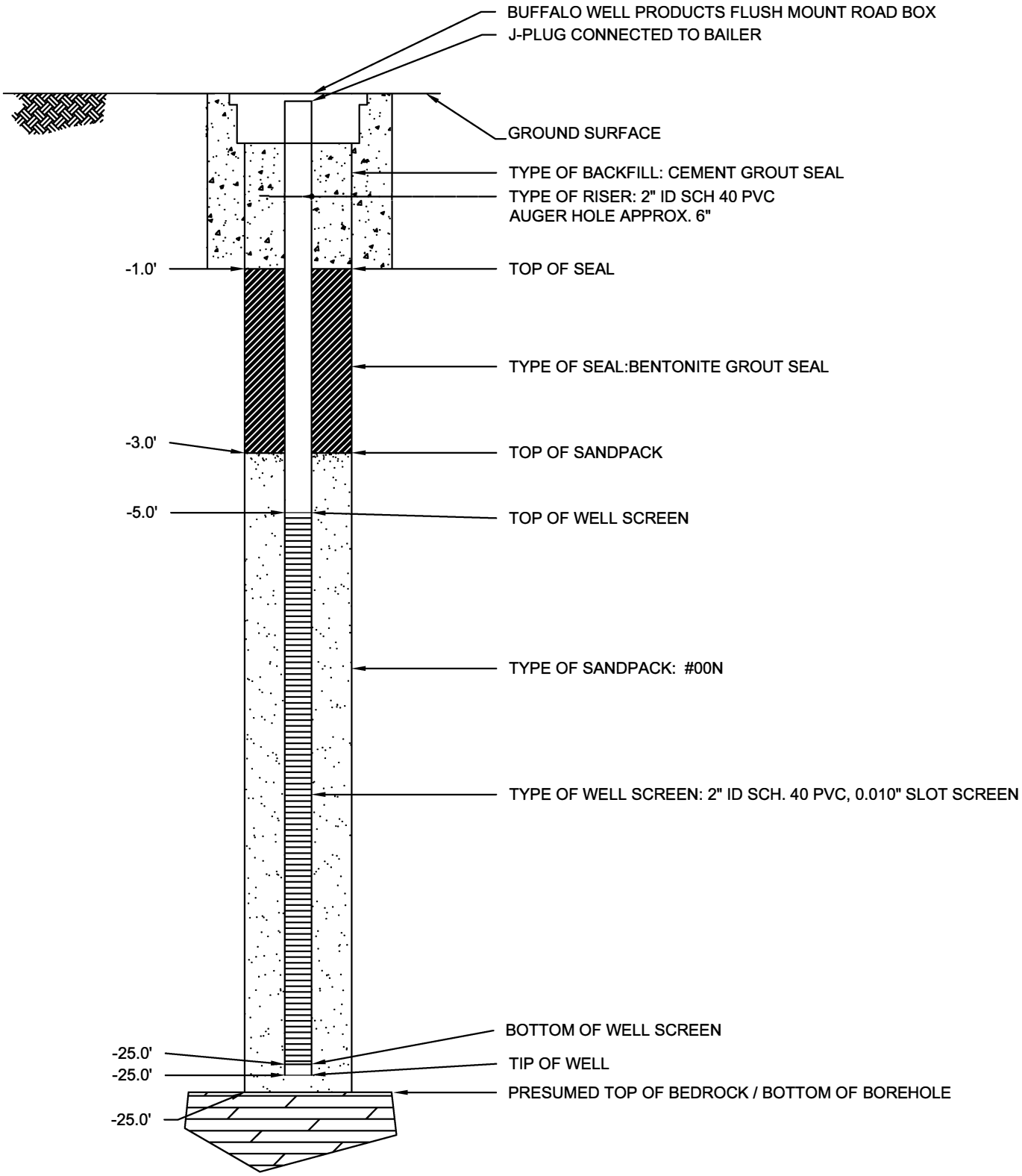
NOT TO SCALE

BARRON & ASSOCIATES, P.C. &
BUFFALO DRILLING COMPANY
10440 MAIN ST.
CLARENCE, NY 14031
(716)759-7821
FAX (716)759-7823

MONITORING WELL SCHEMATIC

PROJECT: PILGRIM VILLAGE FAMILY
BUFFALO, NY 14209

JOB NUMBER: 21-521
WELL NUMBER: MW4
DATE: 1/19/21



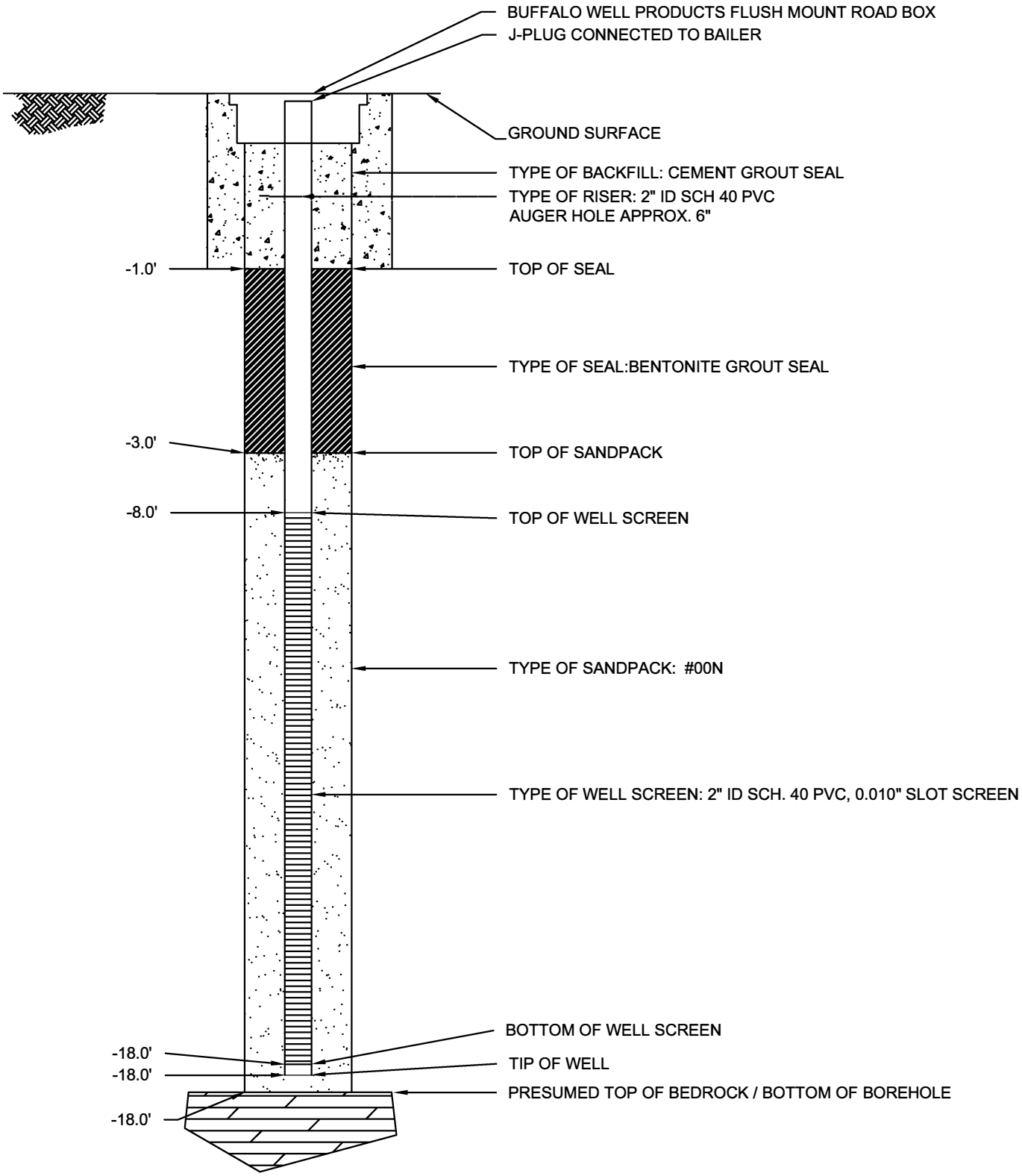
NOT TO SCALE

BARRON & ASSOCIATES, P.C. &
BUFFALO DRILLING COMPANY
10440 MAIN ST.
CLARENCE, NY 14031
(716)759-7821
FAX (716)759-7823

MONITORING WELL SCHEMATIC

PROJECT: PILGRIM VILLAGE FAMILY
BUFFALO, NY 14209

JOB NUMBER: 21-521
WELL NUMBER: MW5
DATE: 1/20/21



NOT TO SCALE

WELL DEVELOPMENT LOG

PROJECT TITLE: Pilgrim Village Family WELL NO.: MW1

PROJECT LOCATION: 1100 Michigan Avenue, Buffalo, New York

STAFF: Buffalo Drilling Company (Development) and BE3Corp (Sampling)

DATE(S): January 21 and 22, 2021

DEVELOPMENT METHOD: Disposable Bailer and Surge Block

			WELL ID.	VOL. (GAL/FT)
1. DEPTH TO WELL BOTTOM (FT BTOC)	=	19.10	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT BTOC)	=	15.11	2"	0.16
3. WATER COLUMN IN WELL (FT)	=	3.99	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL)	=	0.16	4"	0.66
5. VOLUME OF WATER IN CASING (GAL)(#3 x #4)	=	0.64	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL)(#5 x_____)	=	1.9152	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL)	=	3	8"	2.60

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

PARAMETERS	ACCUMULATED VOLUME PURGED (GALLONS)										
pH	7.15	7.27	7.31	7.30							
TEMPERATURE (°F)	52.13	52.85	53.72	53.02							
SPEC. COND. (mS/cm)	1.052	1.166	1.155	1.117							
ORP (mV)	-	-	-	-							
DISSOLVED OXYGEN (mg/l)	-	-	-	-							
TURBIDITY (NTU)	45	60	70	72							
COLOR	Clear	Light Brown	Light Brown	Light Brown							
TIME	12:00	12:10	12:20	12:30							

COMMENTS: A groundwater sample was collected within 24 hours of development.

WELL DEVELOPMENT LOG

PROJECT TITLE: Pilgrim Village Family WELL NO.: MW2

PROJECT LOCATION: 1100 Michigan Avenue, Buffalo, New York

STAFF: Buffalo Drilling Company (Development) and BE3Corp (Sampling)

DATE(S): January 21 and 22, 2021

DEVELOPMENT METHOD: Disposable Bailer and Surge Block

			WELL ID.	VOL. (GAL/FT
1. DEPTH TO WELL BOTTOM (FT BTOC)	=	19.00	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT BTOC)	=	10.31	2"	0.16
3. WATER COLUMN IN WELL (FT)	=	8.69	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL)	=	0.16	4"	0.66
5. VOLUME OF WATER IN CASING (GAL)(#3 x #4)	=	1.39	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL)(#5 x_____)	=	4.17	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL)	=	5	8"	2.60

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

PARAMETERS	ACCUMULATED VOLUME PURGED (GALLONS)									
pH	7.56	7.20	7.08	7.05						
TEMPERATURE (°F)	49.94	51.06	51.86	51.56						
SPEC. COND. (mS/cm)	0.918	0.826	0.944	1.104						
ORP (mV)	-	-	-	-						
DISSOLVED OXYGEN (mg/l)	-	-	-	-						
TURBIDITY (NTU)	874	Above 1000	Above 1000	Above 1000						
COLOR	Brown	Brown	Brown	Brown						
TIME	1245	1255	1305	1315						

COMMENTS: A groundwater sample was collected within 24 hours of development.

WELL DEVELOPMENT LOG

PROJECT TITLE: Pilgrim Village Family WELL NO.: MW3

PROJECT LOCATION: 1100 Michigan Avenue, Buffalo, New York

STAFF: Buffalo Drilling Company (Development) and BE3Corp (Sampling)

DATE(S): January 21 and 22, 2021

DEVELOPMENT METHOD: Disposable Bailer and Surge Block

			WELL ID.	VOL. (GAL/FT
1. DEPTH TO WELL BOTTOM (FT BTOC)	=	15.48	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT BTOC)	=	9.79	2"	0.16
3. WATER COLUMN IN WELL (FT)	=	5.69	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL)	=	0.16	4"	0.66
5. VOLUME OF WATER IN CASING (GAL)(#3 x #4)	=	0.91	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL)(#5 x_____)	=	2.73	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL)	=	4	8"	2.60

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

PARAMETERS	ACCUMULATED VOLUME PURGED (GALLONS)									
pH	7.40	7.14	7.01	7.18						
TEMPERATURE (°F)	49.3	51.11	52.31	51.93						
SPEC. COND. (mS/cm)	1.031	0.978	1.021	0.953						
ORP (mV)	-	-	-	-						
DISSOLVED OXYGEN (mg/l)	-	-	-	-						
TURBIDITY (NTU)	783	Above 1000	Above 1000	Above 1000						
COLOR	Brown	Brown	Brown	Brown						
TIME	1330	1340	1350	1400						

COMMENTS: A groundwater sample was collected within 24 hours of development.

WELL DEVELOPMENT LOG

PROJECT TITLE: Pilgrim Village Family WELL NO.: MW4

PROJECT LOCATION: 1100 Michigan Avenue, Buffalo, New York

STAFF: Buffalo Drilling Company (Development) and BE3Corp (Sampling)

DATE(S): January 21 and 22, 2021

DEVELOPMENT METHOD: Disposable Bailer and Surge Block

			WELL ID.	VOL. (GAL/FT
1. DEPTH TO WELL BOTTOM (FT BTOC)	=	21.84	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT BTOC)	=	7.95	2"	0.16
3. WATER COLUMN IN WELL (FT)	=	13.89	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL)	=	0.16	4"	0.66
5. VOLUME OF WATER IN CASING (GAL)(#3 x #4)	=	2.22	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL)(#5 x_____)	=	6.67	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL)	=	8	8"	2.60

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

PARAMETERS	ACCUMULATED VOLUME PURGED (GALLONS)									
pH	7.34	7.21	7.14	7.11						
TEMPERATURE (°F)	49.22	49.95	50.12	51.54						
SPEC. COND. (mS/cm)	0.874	0.813	0.76	0.744						
ORP (mV)	-	-	-	-						
DISSOLVED OXYGEN (mg/l)	-	-	-	-						
TURBIDITY (NTU)	Above 1000	Above 1000	Above 1000	Above 1000						
COLOR	Brown	Brown	Brown	Brown						
TIME	1430	1440	1450	1505						

COMMENTS: A groundwater sample was collected within 24 hours of development.

WELL DEVELOPMENT LOG

PROJECT TITLE: Pilgrim Village Family WELL NO.: MW5

PROJECT LOCATION: 1100 Michigan Avenue, Buffalo, New York

STAFF: Buffalo Drilling Company (Development) and BE3Corp (Sampling)

DATE(S): January 21 and 22, 2021

DEVELOPMENT METHOD: Disposable Bailer and Surge Block

			WELL ID.	VOL. (GAL/FT
1. DEPTH TO WELL BOTTOM (FT BTOC)	=	18.10	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT BTOC)	=	9.19	2"	0.16
3. WATER COLUMN IN WELL (FT)	=	8.91	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL)	=	0.16	4"	0.66
5. VOLUME OF WATER IN CASING (GAL)(#3 x #4)	=	1.43	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL)(#5 x_____)	=	4.28	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL)	=	5	8"	2.60

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

PARAMETERS	ACCUMULATED VOLUME PURGED (GALLONS)									
pH	7.86	7.45	7.31	7.20						
TEMPERATURE (°F)	49.46	50.16	51.23	51.20						
SPEC. COND. (mS/cm)	0.891	0.88	0.872	0.869						
ORP (mV)	-	-	-	-						
DISSOLVED OXYGEN (mg/l)	-	-	-	-						
TURBIDITY (NTU)	Above 1000	Above 1000	Above 1000	Above 1000						
COLOR	Brown	Brown	Brown	Brown						
TIME	1515	1525	1535	1545						

COMMENTS: A groundwater sample was collected within 24 hours of development.

APPENDIX D

RI GEOPHYSICAL REPORT

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Maddan Geophysics LLC

February 2, 2021

Jake Tracy
BE3Corp
960 Busti Avenue
Suite B-150
Buffalo, New York, 14213

Transmitted via email to: Jake Tracy <jtracy@be3corp.com>

Dear Mr. Tracy:

Re: Geophysical Survey Results, SW Corner of Michigan and Best Streets, Buffalo, NY

1.0 INTRODUCTION

This letter report presents the results of the geophysical investigation performed for BE3 Corp in support of their environmental investigation at a portion of a property located at the south west corner of the intersection of Michigan St. and Best St. in Buffalo, NY (the Site). We understand that historical information suggests the possibility that underground storage tank(s) (USTs) may exist on the property. The primary purpose of the investigation was to explore for anomalies indicative of (UST's).

The geophysical investigation was designed to geophysically characterize the subsurface and focus a follow-up intrusive investigation, if warranted. The information provided herein is intended to assist BE3Corp with their assessment of potential environmental concerns at the Site. Maddan Geophysics LLC (MADDAN) performed data acquisition on January 5, 2021.

2.0 METHODOLOGY

A reference grid was installed at the Site to facilitate data acquisition along parallel survey lines spaced 3 feet apart. The grid was marked with orange and white spray paint and pin flags with select coordinates labeled to aid in the reoccupation of stations if necessary.

Time Domain Electromagnetic Survey Methodology (EM61)

The Geonics EM61 was used to map the distribution of buried metals at the Site. The EM61 unit is a high sensitivity, high resolution time domain electromagnetic (TDEM) metal detector that can detect both ferrous and nonferrous metallic objects. It has an approximate investigation depth of 10 feet. The processing console is contained in a backpack worn by the operator which is interfaced to a digital data logger. The transmitter and two receiver coils are located on a two-wheeled cart that is pulled by the operator.

The device's transmitter coil generates a pulsed primary EM field at a rate of 150 pulses per second, inducing eddy currents into the subsurface. The decay rates of these eddy currents are measured by two, 3.28 foot by 1.64 foot (1 meter by ½ meter) rectangular receiver coils. By taking the measurements at a relatively long time frame after termination of the primary pulse, the response is practically independent of the survey area's terrain conductivity. Specifically, the decay rates of the eddy currents are much longer for metals than for normal soils allowing the discrimination of the two.

EM61 in use (Photo not from this site)

Data are collected from the EM61's two receiver coils. One of the receiver coils is located coincident to the transmitter coil. The other receiver coil is located 1.31 feet (0.4 meters) above the transmitter coil. Data from the top receiver coil are stored on Channel 1 of a digital data logger. Data from the bottom receiver coil are stored on Channel 2 of the data logger. Channel 1 and Channel 2 data are simultaneously recorded at each station location. The instrument responses are recorded in units of milliVolts (mV). Data were recorded digitally by a data logger at a rate of approximately 2 measurements per foot along the survey lines which were spaced 3 feet apart.

3.0 RESULTS

The EM61 data for the Site are shown in Figure 1. Areas suspected to be free of buried metals are shown as color shades of blue. All areas exhibiting a response greater than background (0 to ~40 mVolts) likely contain buried metals.

Several anomalies and anomalous areas were identified and labelled A through E on Figure 1. These anomalies may represent USTs or remnants or USTs and associated appurtenances, items of potential environmental significance, or miscellaneous buried metals.

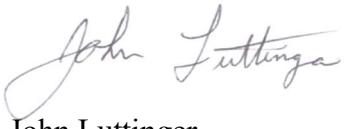
Any of the above background responses may be significant from an environmental perspective and these geophysical data should be viewed with recognition of the limitations of the technology employed.

4.0 LIMITATIONS

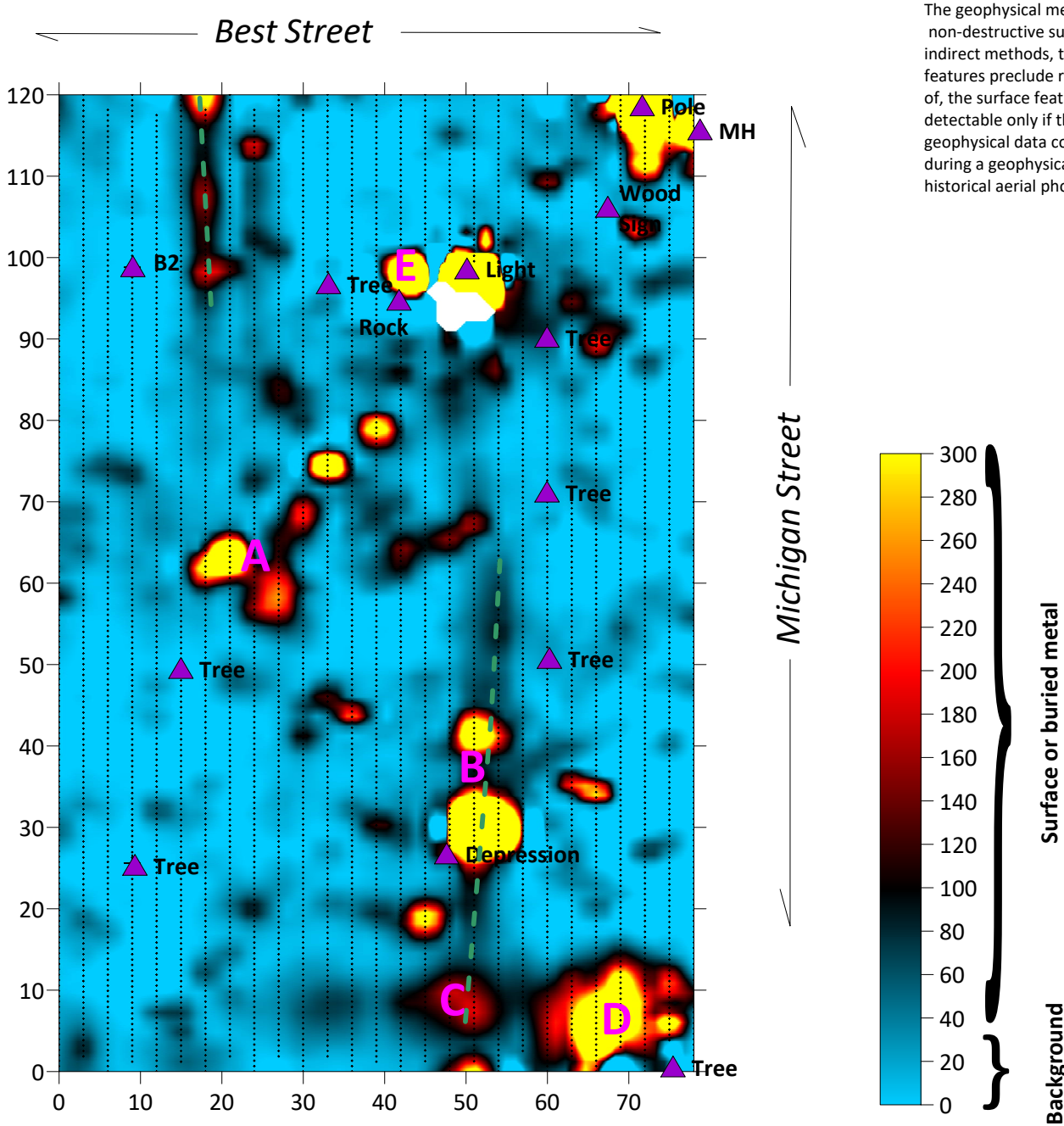
The geophysical methods used during this survey are established, indirect techniques for non-destructive subsurface reconnaissance exploration. As these instruments utilize indirect methods, they are subject to inherent limitations and ambiguities. Metallic surface features (electrical wires, scrap metal, etc.) preclude reliable non-invasive data/results beneath, and in the immediate vicinity of, the surface features. Targets such as buried drums, buried tanks, conduits, etc. are detectable only if they produce recognizable anomalies or patterns against the background geophysical data collected. As with any remote sensing technique, the anomalies identified during a geophysical survey should be further investigated by other techniques such as historical aerial photography, test pit excavation and/or test boring, if warranted.

Please do not hesitate to contact us if you have any questions or require additional information.

Sincerely yours,
Maddan Geophysics, LLC



John Luttinger
President



The geophysical methods used during this survey are established, indirect techniques for non-destructive subsurface reconnaissance exploration. As these instruments utilize indirect methods, they are subject to inherent limitations and ambiguities. Metallic surface features preclude reliable non-invasive data/results beneath, and in the immediate vicinity of, the surface features. Targets such as buried drums, buried tanks, conduits, etc. are detectable only if they produce recognizable anomalies or patterns against the background geophysical data collected. As with any remote sensing technique, the anomalies identified during a geophysical survey should be further investigated by other techniques such as historical aerial photography, test pit excavation and/or test boring, if warranted.

A **Geophysical Anomaly discussed in report**

Interpreted linear anomaly

Figure 1

Geophysical Survey Results
Color Contours of EM61 Data
(mVolts)
SW Corner of Michigan and Best Streets
Buffalo, NY
BE3CORP
Maddan Geophysics

APPENDIX E

RI HYDRAULIC CONDUCTIVITY RESULTS

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

WELL ID: Pilgrim Village Family Site MW-01

Local ID: Family Site MW-01

Date: 1/27/2021

INPUT

Construction:

Casing dia. (d_c)	2 Inch
Annulus dia. (d_w)	4.25 Inch
Screen Length (L)	10 Feet

Depths to:

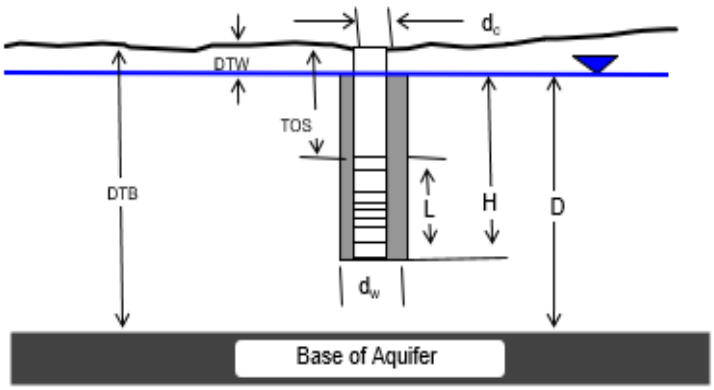
water level (DTW)	15.5 Feet
top of screen (TOS)	9.1 Feet
Base of Aquifer (DTB)	50 Feet

Annular Fill:

across screen -- Coarse Sand

above screen -- Bentonite

Aquifer Material -- Fine Sand



COMPUTED

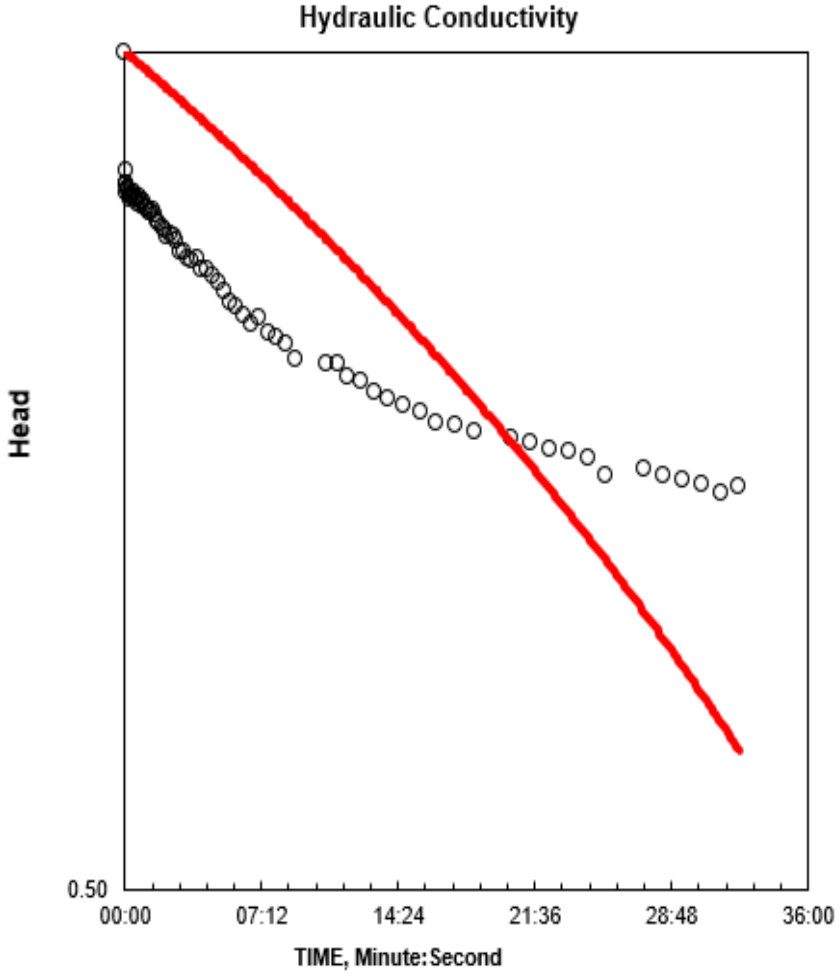
L_{wetted}	3.6 Feet
D =	34.5 Feet
H =	3.6 Feet
L/r_w =	20.33
$y_{0\text{-DISPLACEMENT}}$ =	1.38 Feet
$y_{0\text{-SLUG}}$ =	1.69 Feet

From look-up table using L/r_w

Partial penetrate A =	2.214
B =	0.348
ln(Re/rw) =	1.778
Re =	1.05 Feet
Slope =	0.006147 $\log_{10}$/sec
$t_{90\%}$ recovery =	163 sec

Input is consistent.

K = 2.1 Feet/Day



K = 7.4 x 10^{-4} cm/sec

BE3CORP	Pilgrim Village Family Site	Revisions: 1
	1100 Michigan Avenue Buffalo, New York	
February 2021	MW-01	SHEET 1 of 5

WELL ID: Pilgrim Village Family Site MW-02

Local ID: Family Site MW-02

Date: 1/27/2021

INPUT

Construction:

Casing dia. (d_c)	2 Inch
Annulus dia. (d_w)	4.25 Inch
Screen Length (L)	10 Feet

Depths to:

water level (DTW)	10.5 Feet
top of screen (TOS)	9.2 Feet
Base of Aquifer (DTB)	25 Feet

Annular Fill:

across screen -- Coarse Sand

above screen -- Bentonite

Aquifer Material -- Fine Sand

COMPUTED

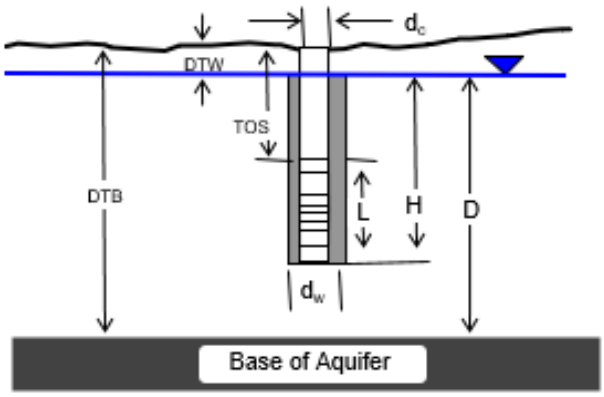
L_{wetted}	8.7 Feet
D =	14.5 Feet
H =	8.7 Feet
L/r_w =	49.13
$y_{0\text{-DISPLACEMENT}}$ =	0.96 Feet
$y_{0\text{-SLUG}}$ =	1.17 Feet

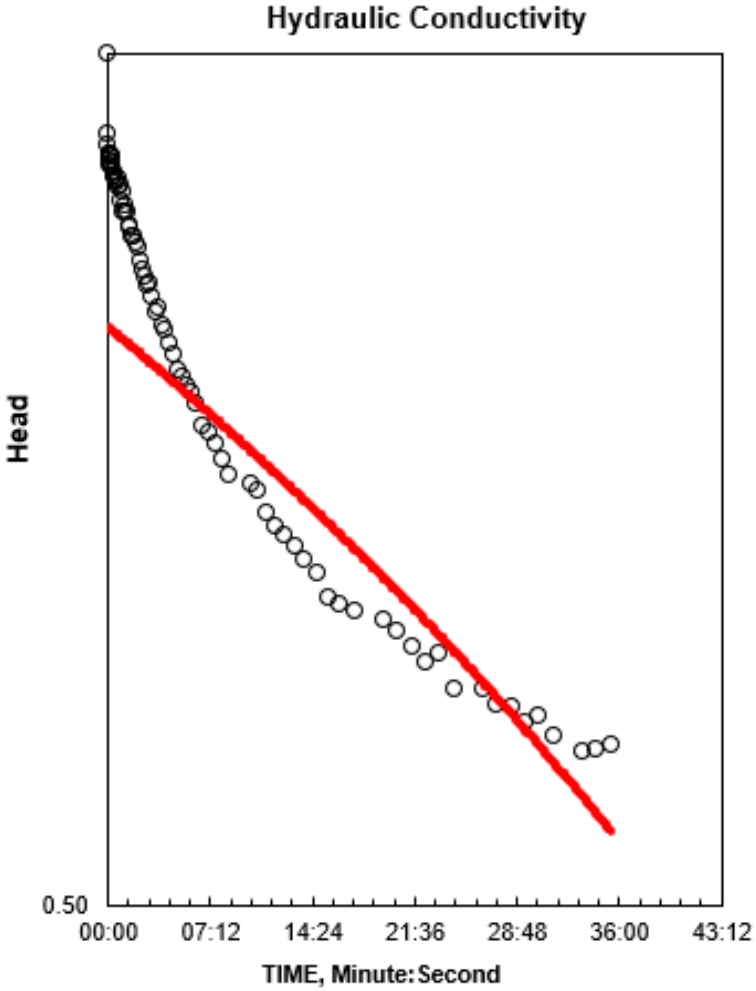
From look-up table using L/r_w

Partial penetrate A =	3.080
B =	0.494
ln(Re/rw) =	2.630
Re =	2.46 Feet
Slope =	0.006147 $\log_{10}$/sec
$t_{90\%}$ recovery =	163 sec

Input is consistent.

K = 1.3 Feet/Day





K = 4.6 x 10^{-4} cm/sec

BE3CORP	Pilgrim Village Family Site	Revisions 1
	1100 Michigan Avenue Buffalo, New York	
February 2021	MW-02	SHEET 2 of 5

WELL ID: Pilgrim Village Family Site MW-03

Local ID: Family Site MW-03

Date: 1/27/2021

INPUT

Construction:

Casing dia. (d_c)	2 Inch
Annulus dia. (d_w)	4.25 Inch
Screen Length (L)	10 Feet

Depths to:

water level (DTW)	10.2 Feet
top of screen (TOS)	6.3 Feet
Base of Aquifer (DTB)	25 Feet

Annular Fill:

across screen -- Coarse Sand

above screen -- Bentonite

Aquifer Material -- Fine Sand

COMPUTED

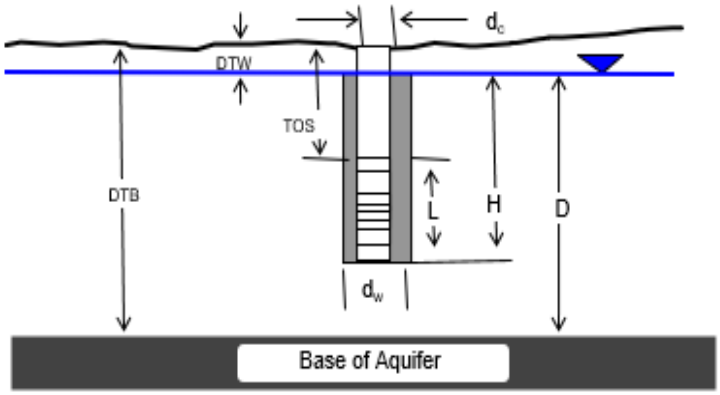
L_{wetted}	6.1 Feet
D =	14.8 Feet
H =	6.1 Feet
L/r_w =	34.45
$y_{0\text{-DISPLACEMENT}}$ =	0.96 Feet
$y_{0\text{-SLUG}}$ =	1.17 Feet

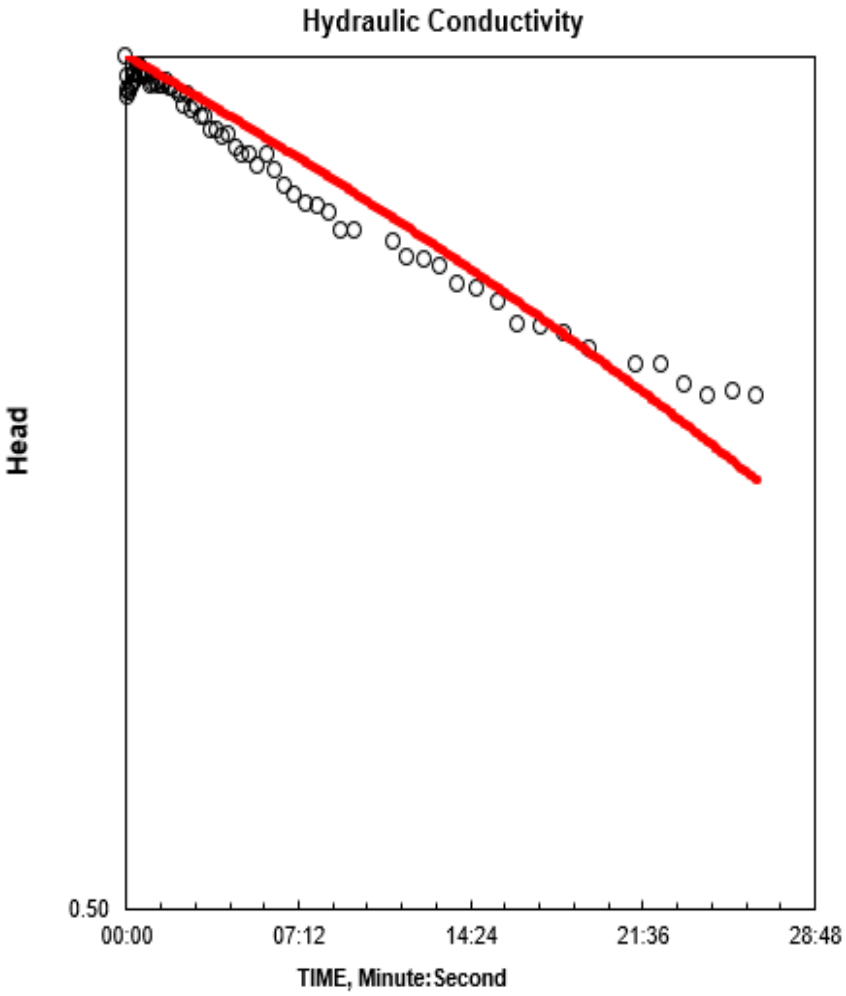
From look-up table using L/r_w

Partial penetrate A =	2.671
B =	0.436
ln(Re/rw) =	2.285
Re =	1.74 Feet
Slope =	0.006147 $\log_{10}$/sec
$t_{90\%}$ recovery =	163 sec

Input is consistent.

K = 1.6 Feet/Day





K = 5.6 x 10^{-4} cm/sec

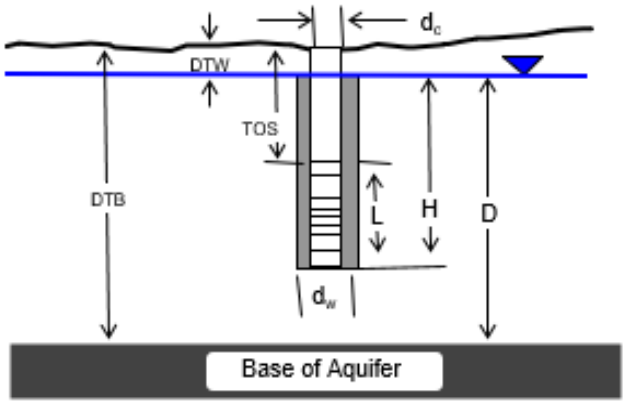
BE3CORP	Pilgrim Village Family Site 1100 Michigan Avenue Buffalo, New York	Revisions 1
February 2021	MW-03	SHEET 3 of 5

WELL ID: Pilgrim Village Family Site MW-04

Local ID: Family Site MW-04

Date: 1/27/2021

Construction:	
Casing dia. (d_c)	2 Inch
Annulus dia. (d_w)	4.25 Inch
Screen Length (L)	10 Feet
Depths to:	
water level (DTW)	8 Feet
top of screen (TOS)	12.8 Feet
Base of Aquifer (DTB)	25 Feet
Annular Fill:	
across screen -- Coarse Sand	
above screen -- Bentonite	
Aquifer Material -- Fine Sand	

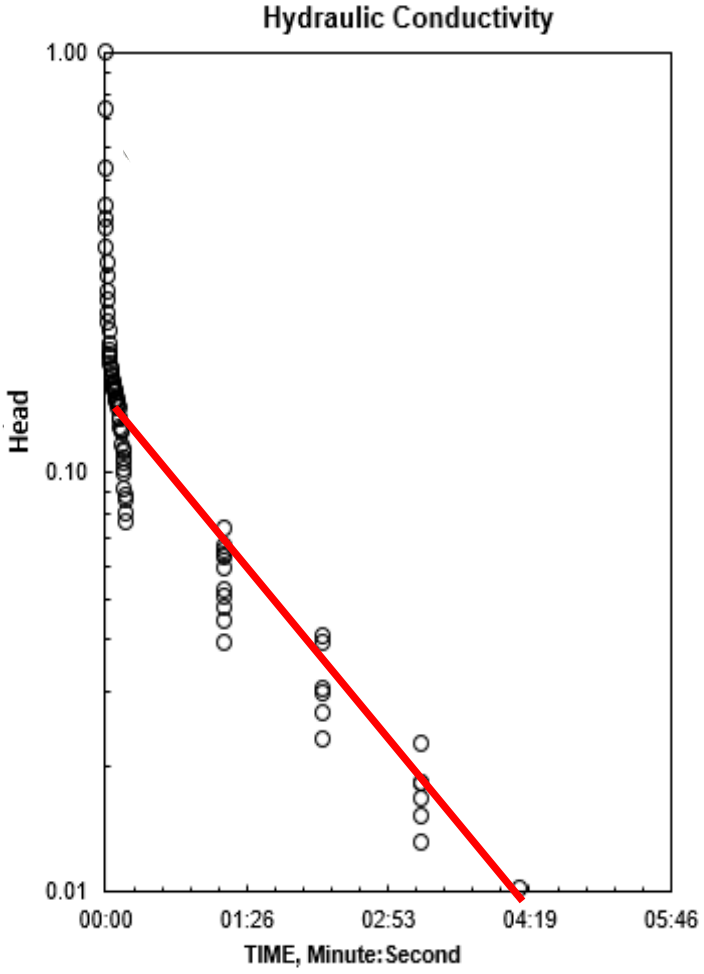


COMPUTED

L_{wetted}	10 Feet
D =	17 Feet
H =	14.8 Feet
L/r_w =	56.47
$y_{0\text{-DISPLACEMENT}}$ =	3.57 Feet
$y_{0\text{-SLUG}}$ =	3.13 Feet
From look-up table using L/r_w	
Partial penetrate A =	3.313
B =	0.534
ln(Re/rw) =	3.021
Re =	3.63 Feet
Slope =	0.006147 $\log_{10}$/sec
$t_{90\%}$ recovery =	163 sec

Input is consistent.

K = 1.3 Feet/Day



K = 4.6 x 10^{-4} cm/sec

BE3CORP	Pilgrim Village Family Site	Revisions 1
	1100 Michigan Avenue Buffalo, New York	
February 2021	MW-04	SHEET 4 of 5

WELL ID: Pilgrim Village Family Site MW-05

Local ID: Family Site MW-05

Date: 1/27/2021

INPUT

Construction:

Casing dia. (d_c)	2 Inch
Annulus dia. (d_w)	4.25 Inch
Screen Length (L)	10 Feet

Depths to:

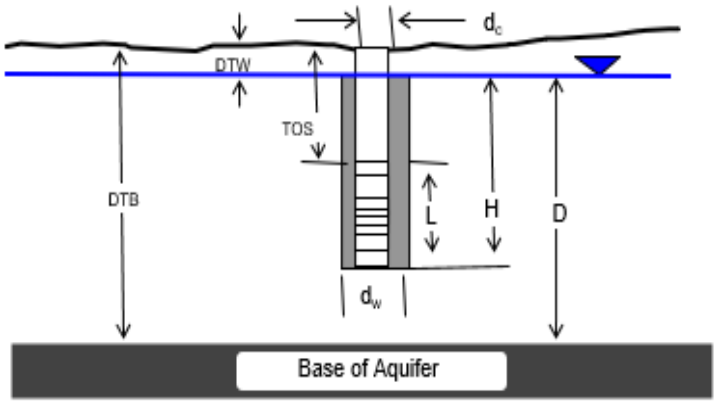
water level (DTW)	10.9 Feet
top of screen (TOS)	8 Feet
Base of Aquifer (DTB)	25 Feet

Annular Fill:

across screen -- Coarse Sand

above screen -- Bentonite

Aquifer Material -- Fine Sand



COMPUTED

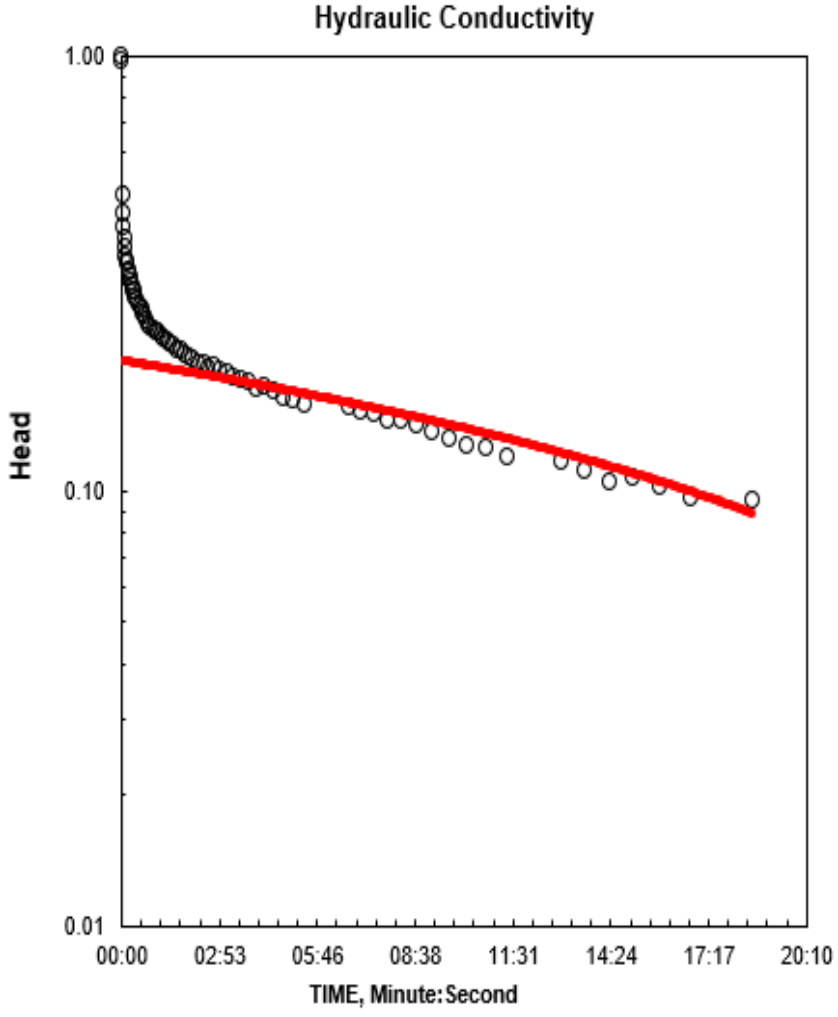
L_{wetted}	7.1 Feet
D =	14.1 Feet
H =	7.1 Feet
L/r_w =	40.09
$y_{0\text{-DISPLACEMENT}}$ =	1.76 Feet
$y_{0\text{-SLUG}}$ =	1.69 Feet

From look-up table using L/r_w

Partial penetrate A =	2.842
B =	0.460
ln(Re/rw) =	2.433
Re =	2.02 Feet
Slope =	0.006147 $\log_{10}$/sec
$t_{90\%}$ recovery =	163 sec

Input is consistent.

K = 1.5 Feet/Day



K = 5.3 x 10^{-4} cm/sec

BE3CORP	Pilgrim Village Family Site	Revisions 1
	1100 Michigan Avenue Buffalo, New York	
February 2021	MW-05	SHEET 5 of 5

APPENDIX F

RI ANALYTICAL LABORATORY REPORTS

AND

DATA USABILITY SUMMARY REPORTS

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

DATA USABILITY SUMMARY REPORT (DUSR)

Pilgrim Village Family
951 Ellicott St.
Buffalo, NY 14209
NYSDEC BCP # C915363

SDG: 210161
21 soil samples

Prepared for:

BE3 Corp.
960 Busti Avenue
Suite 150-B
Buffalo, NY 14213
Attention: John Berry

March 2021

EDU *Environmental Data Usability* *10028 Deer Park Dr. Dansville, NY 14437* *585-991-9156*

Table of Contents

Tables

Summaries of Validated Results

REVIEWER'S NARRATIVE
BE3 SDG 210161: Pilgrim Village

The data associated with this Sample Delivery Group (SDG) 210161, analyzed by Paradigm Environmental Services, Inc. Rochester, NY have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 2/26/21

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	Pilgrim Village Family 951 Ellicott St. Buffalo, NY 14209
SAMPLING DATE:	January 07 and 08, 2021
SAMPLE TYPE:	22 soil samples
LABORATORY:	Paradigm Environmental Services, Inc. Rochester, NY
SDG No.:	210161

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for nineteen soil samples collected on January 07 and 08, 2021. These samples weres analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), 1,4-Dioxane, Pesticides, PCBs, Metals, Herbicides, and PFASs.

All analyses were performed by Paradigm Environmental Services, Inc., Rochester, NY and analyzed as SDG 210161 except Herbicides and PFASs were analyzed by Alpha Analytical Westborough, MA as SDG L2101193. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents used for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results are listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

DATA VALIDATION GUIDANCE DOCUMENTS

Analyte Type	Validation Guidance
VOCs	USEPA, 2008, Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry; SW-846 Method 8260B; SOP # HW-24, Rev. 2. USEPA, 2008, Statement of Work for Organic Analysis of Low/Medium Concentration of Volatile Organic Compounds SQM01.2; SOP HW-33, Rev. 2.
SVOCs	USEPA, 2007, Statement of Work for Organic Analysis of Low/Medium Concentration of Semivolatile Organic Compounds SQM01.2; SOP HW-35, Rev. 1.
Pesticides/PCBs	USEPA, 2006, CLP Organics Data Review and Preliminary Review (CLP/SOW OLMO 4.3); SOP # HW-6, Rev. 14, Part C.
Metals	USEPA, 2006, Validation of Metals for the Contract Laboratory Program (CLP) based on SOW ILMO 5.3 (SOP Revision 13), SOP # HW-2, Rev. 13.
Gen Chemistry	NYSDEC, 2005, Analytical Services Protocols (ASP)
VOCs (Ambient air)	USEPA, 2006, Validating Air Samples, Volatile Organic Analysis of Ambient Air in Canister by Method TO-15; SOP # HW-31, Rev. 4.
Perfluoroalkyl Substances (PFASs)	USEPA, 2018, Data Review and Validation Guidelines for Perfluoroalkyl Substances (PFASs) Analyzed Using EPA Method 537

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	Method TO-15
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Canister Certification
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Lab Control Sample
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Instrument Tuning
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Analyte ID	Spike Recoveries	Lab Duplicates	Initial Calibration & System Performance
Internal Standards	Internal Standards	Lab Qualifiers	Lab Duplicate		Daily Calibration
Initial Calibration	Initial Calibration	Field Duplicate	Lab Control Sample		Field Duplicate
Continuing Calibration	Continuing Calibration		ICP Serial Dilutions		
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

PFASs
Completeness of Pkg
Sample Preservation
Holding Time
Instr Performance Check
Initial Calibration
Continuing Calibration
Blanks
Surrogates
Lab Fortified Blank
Matrix Spikes
Internal Standards

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is *approximate* and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".

JN The analyte is considered to be "presumptively present." The associated numerical value represents its *approximate* concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated using red ink. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-8. The table lists the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 210161, twenty-two samples were analyzed and results were reported for 3752 analytes. One result was rejected. Even though some results were flagged with a "J" as estimated, all other results (99.97 %) are considered usable. See the summary table for the analyses that have rejected/qualified and the corresponding QC reasons.

NOTE: 1) As noted by the laboratory, the soil samples were not collected following SW846 5035A protocol. This adds an element of uncertainty to the analytical results for volatile organic analytes (VOAs). Although not specifically indicated on the final data sheets with a "J" flag, the VOA analytical results should be considered estimated, but usable.

NOTE: 2) The data packages for this project contained no laboratory QC data for the CRDL standard for metals (Form 2B) and the Serial Dilutions of metals (Form 8). Therefore, no evaluation of the CRDL recoveries and the serial dilution results were performed by this data reviewer and no data were qualified as a result.

Table 6-1 8260 VOCs + TICs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
B4S1	All analytes	J detects	Surr rec Td8 > QC limit	Data are estimated
B6S1 B7S10 B11S1 B13S1 B14S1 B17S2 B18S1 B21S1 B22S1	1,2-DCB 1,3-DCB 1,4-DCB 1,2,4-TCB 1,2,3-TCB DBCP n-Butylbenzene Naphthalene	J detects UJ non-detects	IS area #3 < 50 % of the QC limit	Data may be biased low

Table 6-2 8270 SVOCs + TICs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
B8S1	2,3,4,6-Tetrachlorophenol	J detects UJ non-detects	MS/MSD recs < QC limit	Data are estimated
All samples	Atrazine Hexachloropentadiene	J detects UJ non-detects	3 pt ICAL and CCV > QC limit	Data are estimated
B21S1 B22S1	Hexachloropentadiene	J detects UJ non-detects	CCV > QC limit	Data are estimated
All samples	TICs	R	TICs detected in method blank	Appropriate data was changed to rejected

Table 6-3 1,4-Dioxane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-4 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
B11S1	4,4'-DDT Aldrin d-BHC Endrin Endrin Ketone g-BHC	J JN JN JN JN JN	>25 % D between dual column analysis	Matrix interference suspected
B14S1	4,4'-DDD 4,4'-DDE cic-Chlordane Dieldrin Endosulfan sulfate Endrin Aldehyde Endrin Ketone trans-Chlordane	JN J JN J JN JN JN JN	>25 % D between dual column analysis	Matrix interference suspected

Table 6-5 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-6 Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
B12S1	Sb, Cd, Pb, Mn, Se, Tl, Zn	J detects UJ non-detects	MS rec < QC limit	Data may be biased low
B12S1	Pb, Se	J detects	RPD from Dups > QC limit	Data are estimated
B14S1	Hg	R detects	RPD from Dups > 120 %	Result is rejected
All samples	Tl	J detects	CCV > 110 %	Data are estimated

Table 6-7 Herbicides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-8 PFAAs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

LAB PROJECT NARRATIVE: 210161
PROJECT NAME: Pilgrim Village Family
SDG: 0161-01
CLIENT: BE3

Twenty-two soil samples were collected by the client between January 07 and 08, 2021 and were received by the Paradigm Laboratory on January 12, 2021. Samples were received under the conditions as noted on the Chain-of-Custody Supplement. The samples were submitted with the Chains-of-Custody requesting the Part 375 lists for SVOCs, VOCs, Pesticides, Metals, PCBs, Silvex, PFAs, and 1,4-Dioxane. Per an email dated January 12, 2021, the lists for VOCs, SVOCs and Silvex were changed to TCL+ plus TICs, TCL plus TICs, and Herbicides respectively. All analyses were performed using EPA SW-846 Methods and the associated holding times.

The items noted in this case narrative address compliance with the referenced methods, NYSDOH ELAP rules, and any project specific data quality requirements. These may be different from the usability criteria referenced in any "Functional Guidelines" or other data review standards used by data validators.

GENERAL NOTES

ALL ANALYSES

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

VOLATILES AND SEMIVOLATILES

Regarding initial calibrations, it should be noted that the Quantitation Report concentrations supplied for the initial calibration reflect the calibration prior to updating. The response factors and areas are correct.

Regarding Quantitation Reports, it should be noted that the "#" symbol that appears on some of the Quantitation Reports is a software artifact and should be disregarded.

Compounds flagged with an "*" on the summary table have been calibrated using a non-average Response Factor calibration curve. The supporting curves are located after the initial calibration table.

VOLATILES

Soil samples were not sampled per EPA method 5035A compliance rules. Thus, an extra note has been added to all VOC reports.

Holding times were met for all samples.

All surrogate recoveries for the samples and associated QC were within acceptance limits, except Toluene-d8 recovered high in B9S1. This outlier has been flagged with an "*" on the sample report and the summary page. Matrix interference is suspected.

Site specific QC was not requested on this SDG. The Laboratory Control Sample recovered within acceptance limits.

The Method Blank was free from contamination within reportable ranges.

The instrument tunes passed all criteria and samples were within a 12-hour window.

The internal standards areas and retention times were within acceptance ranges for the samples and QC with the following exceptions: 1,4-Dichlorobenzene recovered low in most of the samples. These outliers have been flagged with an "*" on the summary form and annotated on the sample report accordingly. These samples were repeated to confirm the results and the raw data for the confirmations has been supplied after the raw data from the reported results. Matrix interference is suspected. No further evaluation of this data or corresponding summary forms have been made.

All data for the initial calibration was within acceptance limits for the reported analytes.

All continuing calibration data was within acceptance limits for the reported analytes with the following exceptions: Dichlorodifluoromethane was out low in the CCV. Adequate sensitivity at the reporting limit for this compound was verified by the analysis of a single point 1ppb standard. This is usable for non-detects only. All samples were non-detect for this compound.

SEMI-VOLATILES

Holding times were met for all samples.

All surrogate recoveries for the samples and associated QC were within acceptance limits.

Site specific QC was not requested on this SDG but was analyzed on B8S1 and there was one outlier. 2,3,4,6-Tetrachlorophenol recovered low for both the Matrix Spike and Matrix Spike Duplicate. This compound recovered within the Lower Marginal Exceedance limit of 40.6%. Regardless, the compound was flagged with an "*" on the summary form and an "M" on the sample report. Matrix interference is suspected. The Laboratory Control Samples recovered within acceptance limits.

The Method Blanks were free from contamination within reportable ranges. A few Tentatively Identified Compounds were detected in the Blank prepared on January 14, 2021. There were no commonalities determined between the TICs found in the Blank and any TICs present in the samples from the associated batch.

The instrument tunes passed all criteria and samples were within a 12-hour window.

The internal standards areas and retention times were within acceptance ranges for the sample and associated QC.

All data for the initial calibrations was within acceptance limits for the reported analytes, with the following exception: Atrazine did not have the minimum number of points required for the calibration curve. Adequate sensitivity for this analyte is verified by the analysis of a single point 5ppm standard. This is usable for non-detects only. All samples were non-detect for this compound.

All continuing calibration data was within acceptance limits for the reported analytes, with the following exceptions: Atrazine was out low in all CCVs. Hexachlorocyclopentadiene was out low in all CCVs except for the one analyzed on January 13, 2021 (data file B51558). Sensitivity at the reporting limit for these compounds was verified by the analysis of single point 5ppm and 10ppm standards. This is usable for non-detects only. All samples were non-detect for these compounds.

SEMIVOLATILES – 1,4-Dioxane

Holding times were met for all samples.

Site specific QC was not requested on this SDG. The Laboratory Control Samples recovered within acceptance limits.

The Method Blanks were free from contamination within reportable ranges.

The instrument tunes passed all criteria and samples were within a 12-hour window.

The internal standard (1,4-Dichlorobenzene) areas and retentions time were within acceptance limits for the sample and the associated QC. The deuterated version of 1,4-Dioxane (1,4-Dioxane-d8) is an isotope, added and extracted during the preparation of the sample, and therefore area acceptance criteria is not applicable, but the retention times were within acceptance limits. The quantification of 1,4-Dioxane is based on the area of 1,4-Dioxane-d8.

All data for initial calibrations were within acceptance limits.

All data for continuing calibrations were within acceptance limits.

PESTICIDES

Holding times were met for all samples.

Surrogate recoveries for the sample and associated QC were within acceptance limits, with the following exception: Decachlorobiphenyl was out high in B11S1. This outlier has been flagged with an "*" on the surrogate recovery form and the sample results page. Matrix interference is suspected.

Site specific QC was not requested on this SDG, but was analyzed on sample B2S1. All compounds recovered within acceptance limits. Site specific QC was also prepared on B22S1. This sample and the QC required a Copper clean-up to address possible sulfur interference. The interference cleaned out of the sample but did not clean out of the MS and MSD, therefore the MS and MSD could not be analyzed. No summary forms have been included for this site specific QC. The Laboratory Control samples recovered within acceptance limits.

The Method Blanks were free from contamination within the reportable ranges.

For B22S1, the extract required a Copper clean-up to address possible Sulfur interferences. An additional Method Blank and LCS has been reported for this reason. The method blank was free from contamination within the reportable ranges and the LCS recovered within acceptable limits. These quality control samples are labelled as "BlkC", "LCSC", and "LCS ToxC" in the summary forms.

The internal standards areas and retention times were within acceptance ranges for the samples and associated QC with the following exception: The internal standard was out high on the secondary column in B14S1. This outlier has been flagged with an "*" on the summary form and annotated on the sample report accordingly. This sample was repeated to confirm the results and the raw data for the confirmation has been supplied after the raw data from the reported results. No further evaluation of the data or summary forms have been made. Matrix interference is suspected.

All data for the initial calibrations were within acceptance limits. The internal acceptance criteria for the initial calibrations was 0.99 or better for each peak.

All continuing calibration data was within acceptable QC limits, except Decachlorobiphenyl was out high on the primary column in the Toxaphene CCV. Both surrogates recovered within acceptance limits on the secondary column and the CCV was deemed usable.

For all Pesticide hits, a Form 10 including Percent Difference has been included. Column confirmations above 40% difference have been flagged with a "P" on the sample reports and an "*" on the Form 10 indicating matrix interference. The reported result is always the lower of the two results.

PCBS

Holding times were met for all samples.

The surrogate (Tetrachloro-m-xylene) recovered within acceptance limits for the samples and associated QC.

Site specific QC was not requested on this SDG but was analyzed on B9S1 and recovered within acceptance limits. The Laboratory Control Samples recovered within acceptance limits.

The Method Blanks were free from contamination within the reportable ranges.

All data for the initial calibrations were within acceptance limits. The internal acceptance criteria for the initial calibrations was 0.99 or better for each peak.

All data for continuing calibrations was within acceptance limits. B22S1 was originally run in a window with a failing closing CCV. This sample was reanalyzed on January 21, 2021 and the form 1 has been updated in this package to reflect the new analysis.

The Aroclor 1260 hit for B14S1 was confirmed on a second column. Raw data for the confirmation is supplied after the raw data for the reported results. No further evaluation of this data has been made. As this Aroclor appears to be representative of this site, no further confirmations will be run unless sample profile changes.

METALS

ICP-AES interelement and background corrections were applied. Raw data was not generated before application of background corrections.

Holding times were met for all samples.

Site specific QC was not requested on this SDG but was analyzed on B1S21 and there were some outliers. These outliers have been flagged with an "*" on the summary form and an "M" and/or "D" on the sample report. Matrix interference is suspected. As there were outliers, Post Digest Spikes were analyzed accordingly. The raw data for these QC samples has been supplied on the attached ICP analytical worksheets, labeled as "pds". There are no data qualifiers or QC forms associated with the post digest spikes. The Laboratory Control Samples recovered within acceptable limits. All LCS % differences were within acceptance limits.

The Method Blank was free from contamination within reportable ranges.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

Subcontracted Analyses

PFAs by EPA 537 and Silvex by EPA 8151A were subcontracted to Alpha Analytical of Westborough, MA. Their reports are provided in their entirety as a separate entity after the Paradigm Environmental Services, Inc. report. Separate case narratives addressing the above parameters are included with their reports.

(signed) Steven DeVito (date) 2/12/2021
Steven DeVito – Technical Director

BATCH LOG

Lab Name: Paradigm Environmental Services
Lab Project #: 210161
Client Name: BE3
Client Project Name: Pilgrim Village Family
Client Project #: N/A
SDG No.: 0161-01

Protocol: SW846 Report Due Date: 1/18/2021 Batch Due Date: 2/11/2021

LAB SAMPLE NO.	MATRIX	CLIENT SAMPLE ID	REQUESTED ANALYSIS	DATE SAMPLED	DATE REC'D
210161-01	Soil	B1S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-02	Soil	B2S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-03	Soil	B3S1	PFAS, 1,4-Dioxane	1/7/2021	1/12/2021
210161-04	Soil	B4S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-05	Soil	B5S2	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-06	Soil	B6S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-07	Soil	B7S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-08	Soil	B7S10	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-09	Soil	B8S1	SVOCs, Metals, Mercury, PCB, Pest, Silvex, PFAS, 1,4-Dioxane	1/7/2021	1/12/2021
210161-10	Soil	B9S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-11	Soil	B10S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-12	Soil	B11S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-13	Soil	B12S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex, PFAS, 1,4-Dioxane	1/7/2021	1/12/2021
210161-14	Soil	B13S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/7/2021	1/12/2021
210161-15	Soil	B14S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/8/2021	1/12/2021
210161-16	Soil	B15S1	SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/8/2021	1/12/2021
210161-17	Soil	B17S1	SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/8/2021	1/12/2021
210161-18	Soil	B17S2	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/8/2021	1/12/2021
210161-19	Soil	B18S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/8/2021	1/12/2021
210161-20	Soil	B19S1	SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/8/2021	1/12/2021
210161-21	Soil	B21S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex	1/8/2021	1/12/2021
210161-22	Soil	B22S1	VOCs, SVOCs, Metals, Mercury, PCB, Pest, Silvex, PFAS, 1,4-Dioxane	1/8/2021	1/12/2021

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1/3

CHAIN OF CUSTODY

PARADIGM

REPORT TO:		INVOICE TO:		
CLIENT:	BE3 CORP	CLIENT:	Same	LAB PROJECT ID: 210161
ADDRESS:	960 BUSTI AVE	ADDRESS:		Quotation #:
CITY:	BUFFALO STATE: NY ZIP: 14213	CITY:	STATE: ZIP:	Email: jtracy@be3corp.com
PHONE:	716.249.6880	PHONE:		
ATTN:	JAKE TRACY	ATTN:		

PROJECT REFERENCE
PILGRIM VILLAGE FAMILY

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Part 375 VOCs	Part 375 SVOCs	P.375 Metals	P.375 PCBs	P.375 Pest.	PFAS	1,4-Dioxane	Silvex	Cyanide	Hex Cr	Not needed per MS/SD on 1/13/21	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/7/21	950		X	B1S1	So	3	X	X	X	X	X			X	X	X		+TICs Hex Cr m/1/12/21	01
	1020			B2S1		3	X	X	X	X	X			X	X	X		VOC + STARS added per SAGN, TAL met email + SO	02
	1050			B3S1		5	JT					X	X					Run PFAS + 1,4 Diox. Hold Rest	03
	1110			B4S1		3	[redacted]	X	X	X	X			X	X	X			04
	1130			B5S1		1												HOLD	
	1135			B5S2			X	X	X	X	X			X	X	X			05
	1200			B6S1			X	X	X	X	X			X	X	X			06
	1220			B7S1			X	X	X	X	X			X	X	X			07
	1250			B7S10			X	X	X	X	X			X	X	X			08
	1400			BBS1		5		X	X	X	X	X	X	X	X	X		Subsent directly to Sub-lab m/1/12/21	09

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Date Needed _____ please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed :	

Jake Tracy	1/8/21	1200p JT 15[illegible]	Total Cost:
Sampled By	Date/Time		
Relinquished By	1/8/21	1545	
Received By	1/8/21	1545	P.I.F.
Received @ Lab By	1/12/21	1042	

3°C iced 1/12/21 10:16

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

No Custody Seal GP 1/12/21

See additional page for sample conditions.

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CHAIN OF CUSTODY

PARADIGM

REPORT TO:

CLIENT: BE3 CORP
ADDRESS: 960 BUSTI AVE
CITY: BUFFALO STATE: NY ZIP: 14213
PHONE: 716.249.6880
ATTN: JAKE TRACY

INVOICE TO:

CLIENT: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE:
ATTN:

LAB PROJECT ID: 210161
Quotation #:
Email: jtracy@be3corp.com

PROJECT REFERENCE: PILGRIM VILLAGE FAMILY

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SD - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Part 375 VOCs	375 SVOCs	375 Metals	375 PCBs	375 Pest.	PFAS	1,4-Dioxane	Silvex	Cyanide	Hex Chrome	not needed per MS/SD 5b1/13/21	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/7/21	1420		X	B9S1	So	3	X	X	X	X	X			X	X	X			10
	1440			B10S1			X	X	X	X	X			X	X				11
	1500			B11S1			X	X	X	X	X			X	X				12
	1520			B12S1		5	X	X	X	X	X	X	X	X	X				13
	1550			B13S1		3	X	X	X	X	X			X	X				14
1/8/21	840			B14S1			X	X	X	X	X			X	X				15
	900			B15S1				X	X	X	X			X	X				16
	915			B16S1														HOLD	
	940			B17S1				X	X	X	X			X	X	X			17
	950			B17S2			X	X	X	X	X			X	X				18

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Date Needed _____ please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed:	

Sampled By: Jake Tracy 1/8/21 1200p
Relinquished By: 1/8/21 1545
Received By: 1/8/21 15:45
Received @ Lab By: 1/12/21 1042
Date/Time

Total Cost:

P.I.F.

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See additional page for sample conditions.

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3/3 epm 1/12/21 3 of 4

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT:	BE3 CORP	CLIENT:	Same	LAB PROJECT ID: 210161
ADDRESS:	960 BUSTI AVE	ADDRESS:		Quotation #:
CITY: BUFFALO STATE: NY ZIP: 14213		CITY: STATE: ZIP:		Email: jtracy@be3corp.com
PHONE:	716.249.6880	PHONE:		
ATTN:	JAKE TRACY	ATTN:		

PROJECT REFERENCE: PILGRIM VILLAGE FAMILY

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Part 375 VOCs	375 SVOCs	375 Metals	375 PCBs	375 Pest.	PFAS	1,4-Dioxane	Silvex	Cyanide	Mercury	Not wanted per MS/SD 1/13/2021	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/8/21	1015		X	B1BS1	So	3	X	X	X	X	X			X	X	X			19
	1030			B1951				X	X	X	X			X	X	X			20
	1045			B2051														HOLD	
	1100			B2151		JT								X	X	X		~~HOLD~~	21
	1120			B2251		5	X	X	X	X	X	X	X	X	X	X			22

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Date Needed _____ please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed :	

Jake Tracy	1/8/21 1200p	Total Cost:
Sampled By	Date/Time	
Relinquished By	1/8/21 1545 Date/Time	
Received By	1/8/21 1545 Date/Time	P.I.F.
Received @ Lab By	1/12/21 1042 Date/Time	

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

VOLATILE ORGANICS

SAMPLE DATA

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B1S1		
Lab Sample ID:	210161-01	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.73	ug/Kg		1/13/2021 15:25
1,1,2,2-Tetrachloroethane	< 4.73	ug/Kg		1/13/2021 15:25
1,1,2-Trichloroethane	< 4.73	ug/Kg		1/13/2021 15:25
1,1-Dichloroethane	< 4.73	ug/Kg		1/13/2021 15:25
1,1-Dichloroethene	< 4.73	ug/Kg		1/13/2021 15:25
1,2,3-Trichlorobenzene	< 11.8	ug/Kg		1/13/2021 15:25
1,2,4-Trichlorobenzene	< 11.8	ug/Kg		1/13/2021 15:25
1,2,4-Trimethylbenzene	< 4.73	ug/Kg		1/13/2021 15:25
1,2-Dibromo-3-Chloropropane	< 23.6	ug/Kg		1/13/2021 15:25
1,2-Dibromoethane	< 4.73	ug/Kg		1/13/2021 15:25
1,2-Dichlorobenzene	< 4.73	ug/Kg		1/13/2021 15:25
1,2-Dichloroethane	< 4.73	ug/Kg		1/13/2021 15:25
1,2-Dichloropropane	< 4.73	ug/Kg		1/13/2021 15:25
1,3,5-Trimethylbenzene	< 4.73	ug/Kg		1/13/2021 15:25
1,3-Dichlorobenzene	< 4.73	ug/Kg		1/13/2021 15:25
1,4-Dichlorobenzene	< 4.73	ug/Kg		1/13/2021 15:25
1,4-Dioxane	< 47.3	ug/Kg		1/13/2021 15:25
2-Butanone	< 23.6	ug/Kg		1/13/2021 15:25
2-Hexanone	< 11.8	ug/Kg		1/13/2021 15:25
4-Methyl-2-pentanone	< 11.8	ug/Kg		1/13/2021 15:25
Acetone	**23.5**	ug/Kg	J	1/13/2021 15:25
Benzene	< 4.73	ug/Kg		1/13/2021 15:25
Bromochloromethane	< 11.8	ug/Kg		1/13/2021 15:25

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B1S1		
Lab Sample ID:	210161-01	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Bromodichloromethane	< 4.73	ug/Kg	1/13/2021	15:25
Bromoform	< 11.8	ug/Kg	1/13/2021	15:25
Bromomethane	< 4.73	ug/Kg	1/13/2021	15:25
Carbon disulfide	< 4.73	ug/Kg	1/13/2021	15:25
Carbon Tetrachloride	< 4.73	ug/Kg	1/13/2021	15:25
Chlorobenzene	< 4.73	ug/Kg	1/13/2021	15:25
Chloroethane	< 4.73	ug/Kg	1/13/2021	15:25
Chloroform	< 4.73	ug/Kg	1/13/2021	15:25
Chloromethane	< 4.73	ug/Kg	1/13/2021	15:25
cis-1,2-Dichloroethene	< 4.73	ug/Kg	1/13/2021	15:25
cis-1,3-Dichloropropene	< 4.73	ug/Kg	1/13/2021	15:25
Cyclohexane	< 23.6	ug/Kg	1/13/2021	15:25
Dibromochloromethane	< 4.73	ug/Kg	1/13/2021	15:25
Dichlorodifluoromethane	< 4.73	ug/Kg	1/13/2021	15:25
Ethylbenzene	< 4.73	ug/Kg	1/13/2021	15:25
Freon 113	< 4.73	ug/Kg	1/13/2021	15:25
Isopropylbenzene	< 4.73	ug/Kg	1/13/2021	15:25
m,p-Xylene	< 4.73	ug/Kg	1/13/2021	15:25
Methyl acetate	< 4.73	ug/Kg	1/13/2021	15:25
Methyl tert-butyl Ether	< 4.73	ug/Kg	1/13/2021	15:25
Methylcyclohexane	< 4.73	ug/Kg	1/13/2021	15:25
Methylene chloride	< 11.8	ug/Kg	1/13/2021	15:25
Naphthalene	< 11.8	ug/Kg	1/13/2021	15:25
n-Butylbenzene	< 4.73	ug/Kg	1/13/2021	15:25
n-Propylbenzene	< 4.73	ug/Kg	1/13/2021	15:25

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B1S1		
Lab Sample ID:	210161-01	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.73	ug/Kg	1/13/2021	15:25
p-Isopropyltoluene	< 4.73	ug/Kg	1/13/2021	15:25
sec-Butylbenzene	< 4.73	ug/Kg	1/13/2021	15:25
Styrene	< 11.8	ug/Kg	1/13/2021	15:25
tert-Butylbenzene	< 4.73	ug/Kg	1/13/2021	15:25
Tetrachloroethene	< 4.73	ug/Kg	1/13/2021	15:25
Toluene	< 4.73	ug/Kg	1/13/2021	15:25
trans-1,2-Dichloroethene	< 4.73	ug/Kg	1/13/2021	15:25
trans-1,3-Dichloropropene	< 4.73	ug/Kg	1/13/2021	15:25
Trichloroethene	< 4.73	ug/Kg	1/13/2021	15:25
Trichlorofluoromethane	< 4.73	ug/Kg	1/13/2021	15:25
Vinyl chloride	< 4.73	ug/Kg	1/13/2021	15:25

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**89.0**	52.5 - 151		1/13/2021	15:25
4-Bromofluorobenzene	**76.7**	37.7 - 146		1/13/2021	15:25
Pentafluorobenzene	**107**	92.1 - 115		1/13/2021	15:25
Toluene-D8	**96.9**	74 - 120		1/13/2021	15:25

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75829.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B1S1
Lab Sample ID: 210161-01 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.8	ug/Kg		1/13/2021
Total Reported TICS	< 11.8	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B2S1		
Lab Sample ID:	210161-02	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 5.17	ug/Kg		1/13/2021 15:48
1,1,2,2-Tetrachloroethane	< 5.17	ug/Kg		1/13/2021 15:48
1,1,2-Trichloroethane	< 5.17	ug/Kg		1/13/2021 15:48
1,1-Dichloroethane	< 5.17	ug/Kg		1/13/2021 15:48
1,1-Dichloroethene	< 5.17	ug/Kg		1/13/2021 15:48
1,2,3-Trichlorobenzene	< 12.9	ug/Kg		1/13/2021 15:48
1,2,4-Trichlorobenzene	< 12.9	ug/Kg		1/13/2021 15:48
1,2,4-Trimethylbenzene	< 5.17	ug/Kg		1/13/2021 15:48
1,2-Dibromo-3-Chloropropane	< 25.9	ug/Kg		1/13/2021 15:48
1,2-Dibromoethane	< 5.17	ug/Kg		1/13/2021 15:48
1,2-Dichlorobenzene	< 5.17	ug/Kg		1/13/2021 15:48
1,2-Dichloroethane	< 5.17	ug/Kg		1/13/2021 15:48
1,2-Dichloropropane	< 5.17	ug/Kg		1/13/2021 15:48
1,3,5-Trimethylbenzene	< 5.17	ug/Kg		1/13/2021 15:48
1,3-Dichlorobenzene	< 5.17	ug/Kg		1/13/2021 15:48
1,4-Dichlorobenzene	< 5.17	ug/Kg		1/13/2021 15:48
1,4-Dioxane	< 51.7	ug/Kg		1/13/2021 15:48
2-Butanone	< 25.9	ug/Kg		1/13/2021 15:48
2-Hexanone	< 12.9	ug/Kg		1/13/2021 15:48
4-Methyl-2-pentanone	< 12.9	ug/Kg		1/13/2021 15:48
Acetone	**22.3**	ug/Kg	J	1/13/2021 15:48
Benzene	< 5.17	ug/Kg		1/13/2021 15:48
Bromochloromethane	< 12.9	ug/Kg		1/13/2021 15:48

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Sample Identifier:	B2S1		
Lab Sample ID:	210161-02	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Bromodichloromethane	< 5.17	ug/Kg	1/13/2021	15:48
Bromoform	< 12.9	ug/Kg	1/13/2021	15:48
Bromomethane	< 5.17	ug/Kg	1/13/2021	15:48
Carbon disulfide	< 5.17	ug/Kg	1/13/2021	15:48
Carbon Tetrachloride	< 5.17	ug/Kg	1/13/2021	15:48
Chlorobenzene	< 5.17	ug/Kg	1/13/2021	15:48
Chloroethane	< 5.17	ug/Kg	1/13/2021	15:48
Chloroform	< 5.17	ug/Kg	1/13/2021	15:48
Chloromethane	< 5.17	ug/Kg	1/13/2021	15:48
cis-1,2-Dichloroethene	< 5.17	ug/Kg	1/13/2021	15:48
cis-1,3-Dichloropropene	< 5.17	ug/Kg	1/13/2021	15:48
Cyclohexane	< 25.9	ug/Kg	1/13/2021	15:48
Dibromochloromethane	< 5.17	ug/Kg	1/13/2021	15:48
Dichlorodifluoromethane	< 5.17	ug/Kg	1/13/2021	15:48
Ethylbenzene	< 5.17	ug/Kg	1/13/2021	15:48
Freon 113	< 5.17	ug/Kg	1/13/2021	15:48
Isopropylbenzene	< 5.17	ug/Kg	1/13/2021	15:48
m,p-Xylene	< 5.17	ug/Kg	1/13/2021	15:48
Methyl acetate	< 5.17	ug/Kg	1/13/2021	15:48
Methyl tert-butyl Ether	< 5.17	ug/Kg	1/13/2021	15:48
Methylcyclohexane	< 5.17	ug/Kg	1/13/2021	15:48
Methylene chloride	< 12.9	ug/Kg	1/13/2021	15:48
Naphthalene	< 12.9	ug/Kg	1/13/2021	15:48
n-Butylbenzene	< 5.17	ug/Kg	1/13/2021	15:48
n-Propylbenzene	< 5.17	ug/Kg	1/13/2021	15:48

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B2S1		
Lab Sample ID:	210161-02	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 5.17	ug/Kg	1/13/2021	15:48
p-Isopropyltoluene	< 5.17	ug/Kg	1/13/2021	15:48
sec-Butylbenzene	< 5.17	ug/Kg	1/13/2021	15:48
Styrene	< 12.9	ug/Kg	1/13/2021	15:48
tert-Butylbenzene	< 5.17	ug/Kg	1/13/2021	15:48
Tetrachloroethene	< 5.17	ug/Kg	1/13/2021	15:48
Toluene	< 5.17	ug/Kg	1/13/2021	15:48
trans-1,2-Dichloroethene	< 5.17	ug/Kg	1/13/2021	15:48
trans-1,3-Dichloropropene	< 5.17	ug/Kg	1/13/2021	15:48
Trichloroethene	< 5.17	ug/Kg	1/13/2021	15:48
Trichlorofluoromethane	< 5.17	ug/Kg	1/13/2021	15:48
Vinyl chloride	< 5.17	ug/Kg	1/13/2021	15:48

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**91.9**	52.5 - 151		1/13/2021	15:48
4-Bromofluorobenzene	**74.6**	37.7 - 146		1/13/2021	15:48
Pentafluorobenzene	**104**	92.1 - 115		1/13/2021	15:48
Toluene-D8	**93.8**	74 - 120		1/13/2021	15:48

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75830.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B2S1
Lab Sample ID: 210161-02 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 12.9	ug/Kg		1/13/2021
Total Reported TICS	< 12.9	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.96	ug/Kg		1/13/2021 16:11
1,1,2,2-Tetrachloroethane	< 3.96	ug/Kg		1/13/2021 16:11
1,1,2-Trichloroethane	< 3.96	ug/Kg		1/13/2021 16:11
1,1-Dichloroethane	< 3.96	ug/Kg		1/13/2021 16:11
1,1-Dichloroethene	< 3.96	ug/Kg		1/13/2021 16:11
1,2,3-Trichlorobenzene	< 9.89	ug/Kg		1/13/2021 16:11
1,2,4-Trichlorobenzene	< 9.89	ug/Kg		1/13/2021 16:11
1,2,4-Trimethylbenzene	< 3.96	ug/Kg		1/13/2021 16:11
1,2-Dibromo-3-Chloropropane	< 19.8	ug/Kg		1/13/2021 16:11
1,2-Dibromoethane	< 3.96	ug/Kg		1/13/2021 16:11
1,2-Dichlorobenzene	< 3.96	ug/Kg		1/13/2021 16:11
1,2-Dichloroethane	< 3.96	ug/Kg		1/13/2021 16:11
1,2-Dichloropropane	< 3.96	ug/Kg		1/13/2021 16:11
1,3,5-Trimethylbenzene	< 3.96	ug/Kg		1/13/2021 16:11
1,3-Dichlorobenzene	< 3.96	ug/Kg		1/13/2021 16:11
1,4-Dichlorobenzene	< 3.96	ug/Kg		1/13/2021 16:11
1,4-Dioxane	< 39.6	ug/Kg		1/13/2021 16:11
2-Butanone	< 19.8	ug/Kg		1/13/2021 16:11
2-Hexanone	< 9.89	ug/Kg		1/13/2021 16:11
4-Methyl-2-pentanone	< 9.89	ug/Kg		1/13/2021 16:11
Acetone	**37.3**	ug/Kg		1/13/2021 16:11
Benzene	< 3.96	ug/Kg		1/13/2021 16:11
Bromochloromethane	< 9.89	ug/Kg		1/13/2021 16:11

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B5S2
Lab Sample ID: 210161-05 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 3.96	ug/Kg	1/13/2021	16:11
Bromoform	< 9.89	ug/Kg	1/13/2021	16:11
Bromomethane	< 3.96	ug/Kg	1/13/2021	16:11
Carbon disulfide	< 3.96	ug/Kg	1/13/2021	16:11
Carbon Tetrachloride	< 3.96	ug/Kg	1/13/2021	16:11
Chlorobenzene	< 3.96	ug/Kg	1/13/2021	16:11
Chloroethane	< 3.96	ug/Kg	1/13/2021	16:11
Chloroform	< 3.96	ug/Kg	1/13/2021	16:11
Chloromethane	< 3.96	ug/Kg	1/13/2021	16:11
cis-1,2-Dichloroethene	< 3.96	ug/Kg	1/13/2021	16:11
cis-1,3-Dichloropropene	< 3.96	ug/Kg	1/13/2021	16:11
Cyclohexane	< 19.8	ug/Kg	1/13/2021	16:11
Dibromochloromethane	< 3.96	ug/Kg	1/13/2021	16:11
Dichlorodifluoromethane	< 3.96	ug/Kg	1/13/2021	16:11
Ethylbenzene	< 3.96	ug/Kg	1/13/2021	16:11
Freon 113	< 3.96	ug/Kg	1/13/2021	16:11
Isopropylbenzene	< 3.96	ug/Kg	1/13/2021	16:11
m,p-Xylene	< 3.96	ug/Kg	1/13/2021	16:11
Methyl acetate	< 3.96	ug/Kg	1/13/2021	16:11
Methyl tert-butyl Ether	< 3.96	ug/Kg	1/13/2021	16:11
Methylcyclohexane	< 3.96	ug/Kg	1/13/2021	16:11
Methylene chloride	< 9.89	ug/Kg	1/13/2021	16:11
Naphthalene	< 9.89	ug/Kg	1/13/2021	16:11
n-Butylbenzene	< 3.96	ug/Kg	1/13/2021	16:11
n-Propylbenzene	< 3.96	ug/Kg	1/13/2021	16:11

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 3.96	ug/Kg	1/13/2021	16:11
p-Isopropyltoluene	< 3.96	ug/Kg	1/13/2021	16:11
sec-Butylbenzene	< 3.96	ug/Kg	1/13/2021	16:11
Styrene	< 9.89	ug/Kg	1/13/2021	16:11
tert-Butylbenzene	< 3.96	ug/Kg	1/13/2021	16:11
Tetrachloroethene	< 3.96	ug/Kg	1/13/2021	16:11
Toluene	< 3.96	ug/Kg	1/13/2021	16:11
trans-1,2-Dichloroethene	< 3.96	ug/Kg	1/13/2021	16:11
trans-1,3-Dichloropropene	< 3.96	ug/Kg	1/13/2021	16:11
Trichloroethene	< 3.96	ug/Kg	1/13/2021	16:11
Trichlorofluoromethane	< 3.96	ug/Kg	1/13/2021	16:11
Vinyl chloride	< 3.96	ug/Kg	1/13/2021	16:11

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**94.1**	52.5 - 151		1/13/2021	16:11
4-Bromofluorobenzene	**66.9**	37.7 - 146		1/13/2021	16:11
Pentafluorobenzene	**105**	92.1 - 115		1/13/2021	16:11
Toluene-D8	**92.7**	74 - 120		1/13/2021	16:11

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75831.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 9.89	ug/Kg		1/13/2021
Total Reported TICS	< 9.89	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B6S1
Lab Sample ID: 210161-06 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.03	ug/Kg		1/13/2021 16:34
1,1,2,2-Tetrachloroethane	< 4.03	ug/Kg		1/13/2021 16:34
1,1,2-Trichloroethane	< 4.03	ug/Kg		1/13/2021 16:34
1,1-Dichloroethane	< 4.03	ug/Kg		1/13/2021 16:34
1,1-Dichloroethene	< 4.03	ug/Kg		1/13/2021 16:34
1,2,3-Trichlorobenzene	< 10.1	ug/Kg	UJ	1/13/2021 16:34
1,2,4-Trichlorobenzene	< 10.1	ug/Kg	UJ	1/13/2021 16:34
1,2,4-Trimethylbenzene	< 4.03	ug/Kg		1/13/2021 16:34
1,2-Dibromo-3-Chloropropane	< 20.1	ug/Kg	UJ	1/13/2021 16:34
1,2-Dibromoethane	< 4.03	ug/Kg		1/13/2021 16:34
1,2-Dichlorobenzene	< 4.03	ug/Kg	UJ	1/13/2021 16:34
1,2-Dichloroethane	< 4.03	ug/Kg		1/13/2021 16:34
1,2-Dichloropropane	< 4.03	ug/Kg		1/13/2021 16:34
1,3,5-Trimethylbenzene	< 4.03	ug/Kg		1/13/2021 16:34
1,3-Dichlorobenzene	< 4.03	ug/Kg	UJ	1/13/2021 16:34
1,4-Dichlorobenzene	< 4.03	ug/Kg	UJ	1/13/2021 16:34
1,4-Dioxane	< 40.3	ug/Kg		1/13/2021 16:34
2-Butanone	< 20.1	ug/Kg		1/13/2021 16:34
2-Hexanone	< 10.1	ug/Kg		1/13/2021 16:34
4-Methyl-2-pentanone	< 10.1	ug/Kg		1/13/2021 16:34
Acetone	< 20.1	ug/Kg		1/13/2021 16:34
Benzene	< 4.03	ug/Kg		1/13/2021 16:34
Bromochloromethane	< 10.1	ug/Kg		1/13/2021 16:34

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B6S1
Lab Sample ID: 210161-06 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 4.03	ug/Kg	1/13/2021	16:34
Bromoform	< 10.1	ug/Kg	1/13/2021	16:34
Bromomethane	< 4.03	ug/Kg	1/13/2021	16:34
Carbon disulfide	< 4.03	ug/Kg	1/13/2021	16:34
Carbon Tetrachloride	< 4.03	ug/Kg	1/13/2021	16:34
Chlorobenzene	< 4.03	ug/Kg	1/13/2021	16:34
Chloroethane	< 4.03	ug/Kg	1/13/2021	16:34
Chloroform	< 4.03	ug/Kg	1/13/2021	16:34
Chloromethane	< 4.03	ug/Kg	1/13/2021	16:34
cis-1,2-Dichloroethene	< 4.03	ug/Kg	1/13/2021	16:34
cis-1,3-Dichloropropene	< 4.03	ug/Kg	1/13/2021	16:34
Cyclohexane	< 20.1	ug/Kg	1/13/2021	16:34
Dibromochloromethane	< 4.03	ug/Kg	1/13/2021	16:34
Dichlorodifluoromethane	< 4.03	ug/Kg	1/13/2021	16:34
Ethylbenzene	< 4.03	ug/Kg	1/13/2021	16:34
Freon 113	< 4.03	ug/Kg	1/13/2021	16:34
Isopropylbenzene	< 4.03	ug/Kg	1/13/2021	16:34
m,p-Xylene	< 4.03	ug/Kg	1/13/2021	16:34
Methyl acetate	< 4.03	ug/Kg	1/13/2021	16:34
Methyl tert-butyl Ether	< 4.03	ug/Kg	1/13/2021	16:34
Methylcyclohexane	< 4.03	ug/Kg	1/13/2021	16:34
Methylene chloride	< 10.1	ug/Kg	1/13/2021	16:34
Naphthalene	< 10.1 UJ	ug/Kg	1/13/2021	16:34
n-Butylbenzene	< 4.03 UJ	ug/Kg	1/13/2021	16:34
n-Propylbenzene	< 4.03	ug/Kg	1/13/2021	16:34

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B6S1
Lab Sample ID: 210161-06 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

o-Xylene	< 4.03	ug/Kg	1/13/2021	16:34
p-Isopropyltoluene	< 4.03	ug/Kg	1/13/2021	16:34
sec-Butylbenzene	< 4.03	ug/Kg	1/13/2021	16:34
Styrene	< 10.1	ug/Kg	1/13/2021	16:34
tert-Butylbenzene	< 4.03	ug/Kg	1/13/2021	16:34
Tetrachloroethene	< 4.03	ug/Kg	1/13/2021	16:34
Toluene	< 4.03	ug/Kg	1/13/2021	16:34
trans-1,2-Dichloroethene	< 4.03	ug/Kg	1/13/2021	16:34
trans-1,3-Dichloropropene	< 4.03	ug/Kg	1/13/2021	16:34
Trichloroethene	< 4.03	ug/Kg	1/13/2021	16:34
Trichlorofluoromethane	< 4.03	ug/Kg	1/13/2021	16:34
Vinyl chloride	< 4.03	ug/Kg	1/13/2021	16:34

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**98.4**	52.5 - 151		1/13/2021	16:34
4-Bromofluorobenzene	**62.0**	37.7 - 146		1/13/2021	16:34
Pentafluorobenzene	**106**	92.1 - 115		1/13/2021	16:34
Toluene-D8	**89.5**	74 - 120		1/13/2021	16:34

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75832.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B6S1
Lab Sample ID: 210161-06 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 10.1	ug/Kg		1/13/2021
Total Reported TICS	< 10.1	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S1		
Lab Sample ID:	210161-07	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.54	ug/Kg		1/13/2021 16:57
1,1,2,2-Tetrachloroethane	< 4.54	ug/Kg		1/13/2021 16:57
1,1,2-Trichloroethane	< 4.54	ug/Kg		1/13/2021 16:57
1,1-Dichloroethane	< 4.54	ug/Kg		1/13/2021 16:57
1,1-Dichloroethene	< 4.54	ug/Kg		1/13/2021 16:57
1,2,3-Trichlorobenzene	< 11.3	ug/Kg		1/13/2021 16:57
1,2,4-Trichlorobenzene	< 11.3	ug/Kg		1/13/2021 16:57
1,2,4-Trimethylbenzene	< 4.54	ug/Kg		1/13/2021 16:57
1,2-Dibromo-3-Chloropropane	< 22.7	ug/Kg		1/13/2021 16:57
1,2-Dibromoethane	< 4.54	ug/Kg		1/13/2021 16:57
1,2-Dichlorobenzene	< 4.54	ug/Kg		1/13/2021 16:57
1,2-Dichloroethane	< 4.54	ug/Kg		1/13/2021 16:57
1,2-Dichloropropane	< 4.54	ug/Kg		1/13/2021 16:57
1,3,5-Trimethylbenzene	< 4.54	ug/Kg		1/13/2021 16:57
1,3-Dichlorobenzene	< 4.54	ug/Kg		1/13/2021 16:57
1,4-Dichlorobenzene	< 4.54	ug/Kg		1/13/2021 16:57
1,4-Dioxane	< 45.4	ug/Kg		1/13/2021 16:57
2-Butanone	< 22.7	ug/Kg		1/13/2021 16:57
2-Hexanone	< 11.3	ug/Kg		1/13/2021 16:57
4-Methyl-2-pentanone	< 11.3	ug/Kg		1/13/2021 16:57
Acetone	< 22.7	ug/Kg		1/13/2021 16:57
Benzene	< 4.54	ug/Kg		1/13/2021 16:57
Bromochloromethane	< 11.3	ug/Kg		1/13/2021 16:57

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S1		
Lab Sample ID:	210161-07	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Bromodichloromethane	< 4.54	ug/Kg	1/13/2021	16:57
Bromoform	< 11.3	ug/Kg	1/13/2021	16:57
Bromomethane	< 4.54	ug/Kg	1/13/2021	16:57
Carbon disulfide	< 4.54	ug/Kg	1/13/2021	16:57
Carbon Tetrachloride	< 4.54	ug/Kg	1/13/2021	16:57
Chlorobenzene	< 4.54	ug/Kg	1/13/2021	16:57
Chloroethane	< 4.54	ug/Kg	1/13/2021	16:57
Chloroform	< 4.54	ug/Kg	1/13/2021	16:57
Chloromethane	< 4.54	ug/Kg	1/13/2021	16:57
cis-1,2-Dichloroethene	< 4.54	ug/Kg	1/13/2021	16:57
cis-1,3-Dichloropropene	< 4.54	ug/Kg	1/13/2021	16:57
Cyclohexane	< 22.7	ug/Kg	1/13/2021	16:57
Dibromochloromethane	< 4.54	ug/Kg	1/13/2021	16:57
Dichlorodifluoromethane	< 4.54	ug/Kg	1/13/2021	16:57
Ethylbenzene	< 4.54	ug/Kg	1/13/2021	16:57
Freon 113	< 4.54	ug/Kg	1/13/2021	16:57
Isopropylbenzene	< 4.54	ug/Kg	1/13/2021	16:57
m,p-Xylene	< 4.54	ug/Kg	1/13/2021	16:57
Methyl acetate	< 4.54	ug/Kg	1/13/2021	16:57
Methyl tert-butyl Ether	< 4.54	ug/Kg	1/13/2021	16:57
Methylcyclohexane	< 4.54	ug/Kg	1/13/2021	16:57
Methylene chloride	< 11.3	ug/Kg	1/13/2021	16:57
Naphthalene	< 11.3	ug/Kg	1/13/2021	16:57
n-Butylbenzene	< 4.54	ug/Kg	1/13/2021	16:57
n-Propylbenzene	< 4.54	ug/Kg	1/13/2021	16:57

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S1		
Lab Sample ID:	210161-07	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.54	ug/Kg	1/13/2021	16:57
p-Isopropyltoluene	< 4.54	ug/Kg	1/13/2021	16:57
sec-Butylbenzene	< 4.54	ug/Kg	1/13/2021	16:57
Styrene	< 11.3	ug/Kg	1/13/2021	16:57
tert-Butylbenzene	< 4.54	ug/Kg	1/13/2021	16:57
Tetrachloroethene	< 4.54	ug/Kg	1/13/2021	16:57
Toluene	< 4.54	ug/Kg	1/13/2021	16:57
trans-1,2-Dichloroethene	< 4.54	ug/Kg	1/13/2021	16:57
trans-1,3-Dichloropropene	< 4.54	ug/Kg	1/13/2021	16:57
Trichloroethene	< 4.54	ug/Kg	1/13/2021	16:57
Trichlorofluoromethane	< 4.54	ug/Kg	1/13/2021	16:57
Vinyl chloride	< 4.54	ug/Kg	1/13/2021	16:57

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**99.3**	52.5 - 151		1/13/2021	16:57
4-Bromofluorobenzene	**66.8**	37.7 - 146		1/13/2021	16:57
Pentafluorobenzene	**105**	92.1 - 115		1/13/2021	16:57
Toluene-D8	**90.3**	74 - 120		1/13/2021	16:57

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75833.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B7S1
Lab Sample ID: 210161-07 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.3	ug/Kg		1/13/2021
Total Reported TICS	< 11.3	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B7S10
Lab Sample ID: 210161-08 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.82	ug/Kg		1/13/2021 17:20
1,1,2,2-Tetrachloroethane	< 4.82	ug/Kg		1/13/2021 17:20
1,1,2-Trichloroethane	< 4.82	ug/Kg		1/13/2021 17:20
1,1-Dichloroethane	< 4.82	ug/Kg		1/13/2021 17:20
1,1-Dichloroethene	< 4.82	ug/Kg		1/13/2021 17:20
1,2,3-Trichlorobenzene	< 12.0	ug/Kg	UJ	1/13/2021 17:20
1,2,4-Trichlorobenzene	< 12.0	ug/Kg	UJ	1/13/2021 17:20
1,2,4-Trimethylbenzene	< 4.82	ug/Kg		1/13/2021 17:20
1,2-Dibromo-3-Chloropropane	< 24.1	ug/Kg	UJ	1/13/2021 17:20
1,2-Dibromoethane	< 4.82	ug/Kg		1/13/2021 17:20
1,2-Dichlorobenzene	< 4.82	ug/Kg	UJ	1/13/2021 17:20
1,2-Dichloroethane	< 4.82	ug/Kg		1/13/2021 17:20
1,2-Dichloropropane	< 4.82	ug/Kg		1/13/2021 17:20
1,3,5-Trimethylbenzene	< 4.82	ug/Kg		1/13/2021 17:20
1,3-Dichlorobenzene	< 4.82	ug/Kg	UJ	1/13/2021 17:20
1,4-Dichlorobenzene	< 4.82	ug/Kg	UJ	1/13/2021 17:20
1,4-Dioxane	< 48.2	ug/Kg		1/13/2021 17:20
2-Butanone	< 24.1	ug/Kg		1/13/2021 17:20
2-Hexanone	< 12.0	ug/Kg		1/13/2021 17:20
4-Methyl-2-pentanone	< 12.0	ug/Kg		1/13/2021 17:20
Acetone	< 24.1	ug/Kg		1/13/2021 17:20
Benzene	< 4.82	ug/Kg		1/13/2021 17:20
Bromochloromethane	< 12.0	ug/Kg		1/13/2021 17:20

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B7S10
Lab Sample ID: 210161-08 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 4.82	ug/Kg	1/13/2021	17:20
Bromoform	< 12.0	ug/Kg	1/13/2021	17:20
Bromomethane	< 4.82	ug/Kg	1/13/2021	17:20
Carbon disulfide	< 4.82	ug/Kg	1/13/2021	17:20
Carbon Tetrachloride	< 4.82	ug/Kg	1/13/2021	17:20
Chlorobenzene	< 4.82	ug/Kg	1/13/2021	17:20
Chloroethane	< 4.82	ug/Kg	1/13/2021	17:20
Chloroform	< 4.82	ug/Kg	1/13/2021	17:20
Chloromethane	< 4.82	ug/Kg	1/13/2021	17:20
cis-1,2-Dichloroethene	< 4.82	ug/Kg	1/13/2021	17:20
cis-1,3-Dichloropropene	< 4.82	ug/Kg	1/13/2021	17:20
Cyclohexane	< 24.1	ug/Kg	1/13/2021	17:20
Dibromochloromethane	< 4.82	ug/Kg	1/13/2021	17:20
Dichlorodifluoromethane	< 4.82	ug/Kg	1/13/2021	17:20
Ethylbenzene	< 4.82	ug/Kg	1/13/2021	17:20
Freon 113	< 4.82	ug/Kg	1/13/2021	17:20
Isopropylbenzene	< 4.82	ug/Kg	1/13/2021	17:20
m,p-Xylene	< 4.82	ug/Kg	1/13/2021	17:20
Methyl acetate	< 4.82	ug/Kg	1/13/2021	17:20
Methyl tert-butyl Ether	< 4.82	ug/Kg	1/13/2021	17:20
Methylcyclohexane	< 4.82	ug/Kg	1/13/2021	17:20
Methylene chloride	< 12.0	ug/Kg	1/13/2021	17:20
Naphthalene	< 12.0 UJ	ug/Kg	1/13/2021	17:20
n-Butylbenzene	< 4.82 UJ	ug/Kg	1/13/2021	17:20
n-Propylbenzene	< 4.82	ug/Kg	1/13/2021	17:20

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S10		
Lab Sample ID:	210161-08	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.82	ug/Kg	1/13/2021	17:20
p-Isopropyltoluene	< 4.82	ug/Kg	1/13/2021	17:20
sec-Butylbenzene	< 4.82	ug/Kg	1/13/2021	17:20
Styrene	< 12.0	ug/Kg	1/13/2021	17:20
tert-Butylbenzene	< 4.82	ug/Kg	1/13/2021	17:20
Tetrachloroethene	< 4.82	ug/Kg	1/13/2021	17:20
Toluene	< 4.82	ug/Kg	1/13/2021	17:20
trans-1,2-Dichloroethene	< 4.82	ug/Kg	1/13/2021	17:20
trans-1,3-Dichloropropene	< 4.82	ug/Kg	1/13/2021	17:20
Trichloroethene	< 4.82	ug/Kg	1/13/2021	17:20
Trichlorofluoromethane	< 4.82	ug/Kg	1/13/2021	17:20
Vinyl chloride	< 4.82	ug/Kg	1/13/2021	17:20

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**105**	52.5 - 151		1/13/2021	17:20
4-Bromofluorobenzene	**68.6**	37.7 - 146		1/13/2021	17:20
Pentafluorobenzene	**104**	92.1 - 115		1/13/2021	17:20
Toluene-D8	**88.5**	74 - 120		1/13/2021	17:20

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75834.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B7S10
Lab Sample ID: 210161-08 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 12.0	ug/Kg		1/13/2021
Total Reported TICS	< 12.0	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B9S1		
Lab Sample ID:	210161-10	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.81	ug/Kg		1/13/2021 17:44
1,1,2,2-Tetrachloroethane	< 4.81	ug/Kg		1/13/2021 17:44
1,1,2-Trichloroethane	< 4.81	ug/Kg		1/13/2021 17:44
1,1-Dichloroethane	< 4.81	ug/Kg		1/13/2021 17:44
1,1-Dichloroethene	< 4.81	ug/Kg		1/13/2021 17:44
1,2,3-Trichlorobenzene	< 12.0	ug/Kg		1/13/2021 17:44
1,2,4-Trichlorobenzene	< 12.0	ug/Kg		1/13/2021 17:44
1,2,4-Trimethylbenzene	< 4.81	ug/Kg		1/13/2021 17:44
1,2-Dibromo-3-Chloropropane	< 24.0	ug/Kg		1/13/2021 17:44
1,2-Dibromoethane	< 4.81	ug/Kg		1/13/2021 17:44
1,2-Dichlorobenzene	< 4.81	ug/Kg		1/13/2021 17:44
1,2-Dichloroethane	< 4.81	ug/Kg		1/13/2021 17:44
1,2-Dichloropropane	< 4.81	ug/Kg		1/13/2021 17:44
1,3,5-Trimethylbenzene	< 4.81	ug/Kg		1/13/2021 17:44
1,3-Dichlorobenzene	< 4.81	ug/Kg		1/13/2021 17:44
1,4-Dichlorobenzene	< 4.81	ug/Kg		1/13/2021 17:44
1,4-Dioxane	< 48.1	ug/Kg		1/13/2021 17:44
2-Butanone	< 24.0	ug/Kg		1/13/2021 17:44
2-Hexanone	< 12.0	ug/Kg		1/13/2021 17:44
4-Methyl-2-pentanone	< 12.0	ug/Kg		1/13/2021 17:44
Acetone	< 24.0	ug/Kg		1/13/2021 17:44
Benzene	< 4.81	ug/Kg		1/13/2021 17:44
Bromochloromethane	< 12.0	ug/Kg		1/13/2021 17:44

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Sample Identifier:	B9S1		
Lab Sample ID:	210161-10	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Bromodichloromethane	< 4.81	ug/Kg	1/13/2021	17:44
Bromoform	< 12.0	ug/Kg	1/13/2021	17:44
Bromomethane	< 4.81	ug/Kg	1/13/2021	17:44
Carbon disulfide	< 4.81	ug/Kg	1/13/2021	17:44
Carbon Tetrachloride	< 4.81	ug/Kg	1/13/2021	17:44
Chlorobenzene	< 4.81	ug/Kg	1/13/2021	17:44
Chloroethane	< 4.81	ug/Kg	1/13/2021	17:44
Chloroform	< 4.81	ug/Kg	1/13/2021	17:44
Chloromethane	< 4.81	ug/Kg	1/13/2021	17:44
cis-1,2-Dichloroethene	< 4.81	ug/Kg	1/13/2021	17:44
cis-1,3-Dichloropropene	< 4.81	ug/Kg	1/13/2021	17:44
Cyclohexane	< 24.0	ug/Kg	1/13/2021	17:44
Dibromochloromethane	< 4.81	ug/Kg	1/13/2021	17:44
Dichlorodifluoromethane	< 4.81	ug/Kg	1/13/2021	17:44
Ethylbenzene	< 4.81	ug/Kg	1/13/2021	17:44
Freon 113	< 4.81	ug/Kg	1/13/2021	17:44
Isopropylbenzene	< 4.81	ug/Kg	1/13/2021	17:44
m,p-Xylene	< 4.81	ug/Kg	1/13/2021	17:44
Methyl acetate	< 4.81	ug/Kg	1/13/2021	17:44
Methyl tert-butyl Ether	< 4.81	ug/Kg	1/13/2021	17:44
Methylcyclohexane	< 4.81	ug/Kg	1/13/2021	17:44
Methylene chloride	< 12.0	ug/Kg	1/13/2021	17:44
Naphthalene	< 12.0	ug/Kg	1/13/2021	17:44
n-Butylbenzene	< 4.81	ug/Kg	1/13/2021	17:44
n-Propylbenzene	< 4.81	ug/Kg	1/13/2021	17:44

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B9S1		
Lab Sample ID:	210161-10	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.81	ug/Kg	1/13/2021	17:44
p-Isopropyltoluene	< 4.81	ug/Kg	1/13/2021	17:44
sec-Butylbenzene	< 4.81	ug/Kg	1/13/2021	17:44
Styrene	< 12.0	ug/Kg	1/13/2021	17:44
tert-Butylbenzene	< 4.81	ug/Kg	1/13/2021	17:44
Tetrachloroethene	< 4.81	ug/Kg	1/13/2021	17:44
Toluene	< 4.81	ug/Kg	1/13/2021	17:44
trans-1,2-Dichloroethene	< 4.81	ug/Kg	1/13/2021	17:44
trans-1,3-Dichloropropene	< 4.81	ug/Kg	1/13/2021	17:44
Trichloroethene	< 4.81	ug/Kg	1/13/2021	17:44
Trichlorofluoromethane	< 4.81	ug/Kg	1/13/2021	17:44
Vinyl chloride	< 4.81	ug/Kg	1/13/2021	17:44

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**96.2**	52.5 - 151		1/13/2021	17:44
4-Bromofluorobenzene	**97.3**	37.7 - 146		1/13/2021	17:44
Pentafluorobenzene	**97.8**	92.1 - 115		1/13/2021	17:44
Toluene-D8	**122**	74 - 120	*	1/13/2021	17:44

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75835.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B9S1
Lab Sample ID: 210161-10
Matrix: Soil

Date Sampled: 1/7/2021
Date Received: 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown Alkane	**160** J	ug/Kg		1/13/2021
Unknown Alkane	**64.8**	ug/Kg		1/13/2021
Unknown Alkane	**62.1**	ug/Kg		1/13/2021
Unknown Alkane	**79.5**	ug/Kg		1/13/2021
Unknown	**59.8**	ug/Kg		1/13/2021
Unknown	**86.7**	ug/Kg		1/13/2021
Unknown	**52.3**	ug/Kg		1/13/2021
Unknown	**107**	ug/Kg		1/13/2021
Unknown	**72.3**	ug/Kg		1/13/2021
Unknown	**66.0**	ug/Kg		1/13/2021
Unknown	**166**	ug/Kg		1/13/2021
Unknown	**55.5**	ug/Kg		1/13/2021
Unknown Cyclohexane	**63.8**	ug/Kg		1/13/2021
Unknown	**55.5**	ug/Kg		1/13/2021
Unknown Naphthalene	**124**	ug/Kg		1/13/2021
Unknown	**54.4**	ug/Kg		1/13/2021
Unknown Aromatic	**76.6**	ug/Kg		1/13/2021
Unknown Aromatic	**105**	ug/Kg		1/13/2021
Unknown	**54.0**	ug/Kg		1/13/2021
Unknown Aromatic	**87.4**	ug/Kg		1/13/2021
Total Reported TICS	**1650**	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.97	ug/Kg		1/13/2021 18:06
1,1,2,2-Tetrachloroethane	< 4.97	ug/Kg		1/13/2021 18:06
1,1,2-Trichloroethane	< 4.97	ug/Kg		1/13/2021 18:06
1,1-Dichloroethane	< 4.97	ug/Kg		1/13/2021 18:06
1,1-Dichloroethene	< 4.97	ug/Kg		1/13/2021 18:06
1,2,3-Trichlorobenzene	< 12.4	ug/Kg		1/13/2021 18:06
1,2,4-Trichlorobenzene	< 12.4	ug/Kg		1/13/2021 18:06
1,2,4-Trimethylbenzene	**9.74**	ug/Kg		1/13/2021 18:06
1,2-Dibromo-3-Chloropropane	< 24.8	ug/Kg		1/13/2021 18:06
1,2-Dibromoethane	< 4.97	ug/Kg		1/13/2021 18:06
1,2-Dichlorobenzene	< 4.97	ug/Kg		1/13/2021 18:06
1,2-Dichloroethane	< 4.97	ug/Kg		1/13/2021 18:06
1,2-Dichloropropane	< 4.97	ug/Kg		1/13/2021 18:06
1,3,5-Trimethylbenzene	**4.57**	ug/Kg	J	1/13/2021 18:06
1,3-Dichlorobenzene	< 4.97	ug/Kg		1/13/2021 18:06
1,4-Dichlorobenzene	< 4.97	ug/Kg		1/13/2021 18:06
1,4-Dioxane	< 49.7	ug/Kg		1/13/2021 18:06
2-Butanone	< 24.8	ug/Kg		1/13/2021 18:06
2-Hexanone	< 12.4	ug/Kg		1/13/2021 18:06
4-Methyl-2-pentanone	< 12.4	ug/Kg		1/13/2021 18:06
Acetone	< 24.8	ug/Kg		1/13/2021 18:06
Benzene	< 4.97	ug/Kg		1/13/2021 18:06
Bromochloromethane	< 12.4	ug/Kg		1/13/2021 18:06

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Bromodichloromethane	< 4.97	ug/Kg		1/13/2021	18:06
Bromoform	< 12.4	ug/Kg		1/13/2021	18:06
Bromomethane	< 4.97	ug/Kg		1/13/2021	18:06
Carbon disulfide	< 4.97	ug/Kg		1/13/2021	18:06
Carbon Tetrachloride	< 4.97	ug/Kg		1/13/2021	18:06
Chlorobenzene	< 4.97	ug/Kg		1/13/2021	18:06
Chloroethane	< 4.97	ug/Kg		1/13/2021	18:06
Chloroform	< 4.97	ug/Kg		1/13/2021	18:06
Chloromethane	< 4.97	ug/Kg		1/13/2021	18:06
cis-1,2-Dichloroethene	< 4.97	ug/Kg		1/13/2021	18:06
cis-1,3-Dichloropropene	< 4.97	ug/Kg		1/13/2021	18:06
Cyclohexane	< 24.8	ug/Kg		1/13/2021	18:06
Dibromochloromethane	< 4.97	ug/Kg		1/13/2021	18:06
Dichlorodifluoromethane	< 4.97	ug/Kg		1/13/2021	18:06
Ethylbenzene	**12.2**	ug/Kg		1/13/2021	18:06
Freon 113	< 4.97	ug/Kg		1/13/2021	18:06
Isopropylbenzene	< 4.97	ug/Kg		1/13/2021	18:06
m,p-Xylene	**6.00**	ug/Kg		1/13/2021	18:06
Methyl acetate	< 4.97	ug/Kg		1/13/2021	18:06
Methyl tert-butyl Ether	< 4.97	ug/Kg		1/13/2021	18:06
Methylcyclohexane	< 4.97	ug/Kg		1/13/2021	18:06
Methylene chloride	< 12.4	ug/Kg		1/13/2021	18:06
Naphthalene	**10.1**	ug/Kg	J	1/13/2021	18:06
n-Butylbenzene	**5.52**	ug/Kg		1/13/2021	18:06
n-Propylbenzene	**8.81**	ug/Kg		1/13/2021	18:06

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.97	ug/Kg	1/13/2021	18:06
p-Isopropyltoluene	< 4.97	ug/Kg	1/13/2021	18:06
sec-Butylbenzene	< 4.97	ug/Kg	1/13/2021	18:06
Styrene	< 12.4	ug/Kg	1/13/2021	18:06
tert-Butylbenzene	< 4.97	ug/Kg	1/13/2021	18:06
Tetrachloroethene	< 4.97	ug/Kg	1/13/2021	18:06
Toluene	< 4.97	ug/Kg	1/13/2021	18:06
trans-1,2-Dichloroethene	< 4.97	ug/Kg	1/13/2021	18:06
trans-1,3-Dichloropropene	< 4.97	ug/Kg	1/13/2021	18:06
Trichloroethene	< 4.97	ug/Kg	1/13/2021	18:06
Trichlorofluoromethane	< 4.97	ug/Kg	1/13/2021	18:06
Vinyl chloride	< 4.97	ug/Kg	1/13/2021	18:06

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**93.8**	52.5 - 151		1/13/2021	18:06
4-Bromofluorobenzene	**78.5**	37.7 - 146		1/13/2021	18:06
Pentafluorobenzene	**100**	92.1 - 115		1/13/2021	18:06
Toluene-D8	**94.8**	74 - 120		1/13/2021	18:06

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75836.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B10S1
Lab Sample ID: 210161-11
Matrix: Soil

Date Sampled: 1/7/2021
Date Received: 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown Aromatic	**82.6** J	ug/Kg		1/13/2021
Unknown Aromatic	**15.4**	ug/Kg		1/13/2021
Unknown Aromatic	**54.1**	ug/Kg		1/13/2021
Unknown Aromatic	**15.3**	ug/Kg		1/13/2021
Unknown Aromatic	**18.6**	ug/Kg		1/13/2021
Unknown Aromatic	**15.7**	ug/Kg		1/13/2021
Unknown Aromatic	**42.4**	ug/Kg		1/13/2021
Unknown Aromatic	**28.5**	ug/Kg		1/13/2021
Unknown Aromatic	**25.8**	ug/Kg		1/13/2021
Unknown Aromatic	**22.9**	ug/Kg		1/13/2021
Total Reported TICS	**321**	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B11S1
Lab Sample ID: 210161-12 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.75	ug/Kg		1/13/2021 18:29
1,1,2,2-Tetrachloroethane	< 4.75	ug/Kg		1/13/2021 18:29
1,1,2-Trichloroethane	< 4.75	ug/Kg		1/13/2021 18:29
1,1-Dichloroethane	< 4.75	ug/Kg		1/13/2021 18:29
1,1-Dichloroethene	< 4.75	ug/Kg		1/13/2021 18:29
1,2,3-Trichlorobenzene	< 11.9	ug/Kg	UJ	1/13/2021 18:29
1,2,4-Trichlorobenzene	< 11.9	ug/Kg	UJ	1/13/2021 18:29
1,2,4-Trimethylbenzene	< 4.75	ug/Kg		1/13/2021 18:29
1,2-Dibromo-3-Chloropropane	< 23.7	ug/Kg	UJ	1/13/2021 18:29
1,2-Dibromoethane	< 4.75	ug/Kg		1/13/2021 18:29
1,2-Dichlorobenzene	< 4.75	ug/Kg	UJ	1/13/2021 18:29
1,2-Dichloroethane	< 4.75	ug/Kg		1/13/2021 18:29
1,2-Dichloropropane	< 4.75	ug/Kg		1/13/2021 18:29
1,3,5-Trimethylbenzene	< 4.75	ug/Kg		1/13/2021 18:29
1,3-Dichlorobenzene	< 4.75	ug/Kg	UJ	1/13/2021 18:29
1,4-Dichlorobenzene	< 4.75	ug/Kg	UJ	1/13/2021 18:29
1,4-Dioxane	< 47.5	ug/Kg		1/13/2021 18:29
2-Butanone	< 23.7	ug/Kg		1/13/2021 18:29
2-Hexanone	< 11.9	ug/Kg		1/13/2021 18:29
4-Methyl-2-pentanone	< 11.9	ug/Kg		1/13/2021 18:29
Acetone	< 23.7	ug/Kg		1/13/2021 18:29
Benzene	< 4.75	ug/Kg		1/13/2021 18:29
Bromochloromethane	< 11.9	ug/Kg		1/13/2021 18:29

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B11S1		
Lab Sample ID:	210161-12	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Bromodichloromethane	< 4.75	ug/Kg	1/13/2021	18:29
Bromoform	< 11.9	ug/Kg	1/13/2021	18:29
Bromomethane	< 4.75	ug/Kg	1/13/2021	18:29
Carbon disulfide	< 4.75	ug/Kg	1/13/2021	18:29
Carbon Tetrachloride	< 4.75	ug/Kg	1/13/2021	18:29
Chlorobenzene	< 4.75	ug/Kg	1/13/2021	18:29
Chloroethane	< 4.75	ug/Kg	1/13/2021	18:29
Chloroform	< 4.75	ug/Kg	1/13/2021	18:29
Chloromethane	< 4.75	ug/Kg	1/13/2021	18:29
cis-1,2-Dichloroethene	< 4.75	ug/Kg	1/13/2021	18:29
cis-1,3-Dichloropropene	< 4.75	ug/Kg	1/13/2021	18:29
Cyclohexane	< 23.7	ug/Kg	1/13/2021	18:29
Dibromochloromethane	< 4.75	ug/Kg	1/13/2021	18:29
Dichlorodifluoromethane	< 4.75	ug/Kg	1/13/2021	18:29
Ethylbenzene	< 4.75	ug/Kg	1/13/2021	18:29
Freon 113	< 4.75	ug/Kg	1/13/2021	18:29
Isopropylbenzene	< 4.75	ug/Kg	1/13/2021	18:29
m,p-Xylene	< 4.75	ug/Kg	1/13/2021	18:29
Methyl acetate	< 4.75	ug/Kg	1/13/2021	18:29
Methyl tert-butyl Ether	< 4.75	ug/Kg	1/13/2021	18:29
Methylcyclohexane	< 4.75	ug/Kg	1/13/2021	18:29
Methylene chloride	< 11.9	ug/Kg	1/13/2021	18:29
Naphthalene	< 11.9 UJ	ug/Kg	1/13/2021	18:29
n-Butylbenzene	< 4.75 UJ	ug/Kg	1/13/2021	18:29
n-Propylbenzene	< 4.75	ug/Kg	1/13/2021	18:29

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B11S1		
Lab Sample ID:	210161-12	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.75	ug/Kg	1/13/2021	18:29
p-Isopropyltoluene	< 4.75	ug/Kg	1/13/2021	18:29
sec-Butylbenzene	< 4.75	ug/Kg	1/13/2021	18:29
Styrene	< 11.9	ug/Kg	1/13/2021	18:29
tert-Butylbenzene	< 4.75	ug/Kg	1/13/2021	18:29
Tetrachloroethene	< 4.75	ug/Kg	1/13/2021	18:29
Toluene	< 4.75	ug/Kg	1/13/2021	18:29
trans-1,2-Dichloroethene	< 4.75	ug/Kg	1/13/2021	18:29
trans-1,3-Dichloropropene	< 4.75	ug/Kg	1/13/2021	18:29
Trichloroethene	< 4.75	ug/Kg	1/13/2021	18:29
Trichlorofluoromethane	< 4.75	ug/Kg	1/13/2021	18:29
Vinyl chloride	< 4.75	ug/Kg	1/13/2021	18:29

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**97.7**	52.5 - 151		1/13/2021	18:29
4-Bromofluorobenzene	**67.0**	37.7 - 146		1/13/2021	18:29
Pentafluorobenzene	**104**	92.1 - 115		1/13/2021	18:29
Toluene-D8	**89.5**	74 - 120		1/13/2021	18:29

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75837.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B11S1
Lab Sample ID: 210161-12 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.9	ug/Kg		1/13/2021
Total Reported TICS	< 11.9	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B12S1		
Lab Sample ID:	210161-13	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.90	ug/Kg		1/13/2021 18:52
1,1,2,2-Tetrachloroethane	< 4.90	ug/Kg		1/13/2021 18:52
1,1,2-Trichloroethane	< 4.90	ug/Kg		1/13/2021 18:52
1,1-Dichloroethane	< 4.90	ug/Kg		1/13/2021 18:52
1,1-Dichloroethene	< 4.90	ug/Kg		1/13/2021 18:52
1,2,3-Trichlorobenzene	< 12.2	ug/Kg		1/13/2021 18:52
1,2,4-Trichlorobenzene	< 12.2	ug/Kg		1/13/2021 18:52
1,2,4-Trimethylbenzene	< 4.90	ug/Kg		1/13/2021 18:52
1,2-Dibromo-3-Chloropropane	< 24.5	ug/Kg		1/13/2021 18:52
1,2-Dibromoethane	< 4.90	ug/Kg		1/13/2021 18:52
1,2-Dichlorobenzene	< 4.90	ug/Kg		1/13/2021 18:52
1,2-Dichloroethane	< 4.90	ug/Kg		1/13/2021 18:52
1,2-Dichloropropane	< 4.90	ug/Kg		1/13/2021 18:52
1,3,5-Trimethylbenzene	< 4.90	ug/Kg		1/13/2021 18:52
1,3-Dichlorobenzene	< 4.90	ug/Kg		1/13/2021 18:52
1,4-Dichlorobenzene	< 4.90	ug/Kg		1/13/2021 18:52
1,4-Dioxane	< 49.0	ug/Kg		1/13/2021 18:52
2-Butanone	< 24.5	ug/Kg		1/13/2021 18:52
2-Hexanone	< 12.2	ug/Kg		1/13/2021 18:52
4-Methyl-2-pentanone	< 12.2	ug/Kg		1/13/2021 18:52
Acetone	**47.8**	ug/Kg		1/13/2021 18:52
Benzene	< 4.90	ug/Kg		1/13/2021 18:52
Bromochloromethane	< 12.2	ug/Kg		1/13/2021 18:52

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B12S1
Lab Sample ID: 210161-13 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 4.90	ug/Kg	1/13/2021	18:52
Bromoform	< 12.2	ug/Kg	1/13/2021	18:52
Bromomethane	< 4.90	ug/Kg	1/13/2021	18:52
Carbon disulfide	< 4.90	ug/Kg	1/13/2021	18:52
Carbon Tetrachloride	< 4.90	ug/Kg	1/13/2021	18:52
Chlorobenzene	< 4.90	ug/Kg	1/13/2021	18:52
Chloroethane	< 4.90	ug/Kg	1/13/2021	18:52
Chloroform	< 4.90	ug/Kg	1/13/2021	18:52
Chloromethane	< 4.90	ug/Kg	1/13/2021	18:52
cis-1,2-Dichloroethene	< 4.90	ug/Kg	1/13/2021	18:52
cis-1,3-Dichloropropene	< 4.90	ug/Kg	1/13/2021	18:52
Cyclohexane	< 24.5	ug/Kg	1/13/2021	18:52
Dibromochloromethane	< 4.90	ug/Kg	1/13/2021	18:52
Dichlorodifluoromethane	< 4.90	ug/Kg	1/13/2021	18:52
Ethylbenzene	< 4.90	ug/Kg	1/13/2021	18:52
Freon 113	< 4.90	ug/Kg	1/13/2021	18:52
Isopropylbenzene	< 4.90	ug/Kg	1/13/2021	18:52
m,p-Xylene	< 4.90	ug/Kg	1/13/2021	18:52
Methyl acetate	< 4.90	ug/Kg	1/13/2021	18:52
Methyl tert-butyl Ether	< 4.90	ug/Kg	1/13/2021	18:52
Methylcyclohexane	< 4.90	ug/Kg	1/13/2021	18:52
Methylene chloride	< 12.2	ug/Kg	1/13/2021	18:52
Naphthalene	< 12.2	ug/Kg	1/13/2021	18:52
n-Butylbenzene	< 4.90	ug/Kg	1/13/2021	18:52
n-Propylbenzene	< 4.90	ug/Kg	1/13/2021	18:52

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B12S1		
Lab Sample ID:	210161-13	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.90	ug/Kg	1/13/2021	18:52
p-Isopropyltoluene	< 4.90	ug/Kg	1/13/2021	18:52
sec-Butylbenzene	< 4.90	ug/Kg	1/13/2021	18:52
Styrene	< 12.2	ug/Kg	1/13/2021	18:52
tert-Butylbenzene	< 4.90	ug/Kg	1/13/2021	18:52
Tetrachloroethene	< 4.90	ug/Kg	1/13/2021	18:52
Toluene	< 4.90	ug/Kg	1/13/2021	18:52
trans-1,2-Dichloroethene	< 4.90	ug/Kg	1/13/2021	18:52
trans-1,3-Dichloropropene	< 4.90	ug/Kg	1/13/2021	18:52
Trichloroethene	< 4.90	ug/Kg	1/13/2021	18:52
Trichlorofluoromethane	< 4.90	ug/Kg	1/13/2021	18:52
Vinyl chloride	< 4.90	ug/Kg	1/13/2021	18:52

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**101**	52.5 - 151		1/13/2021	18:52
4-Bromofluorobenzene	**67.3**	37.7 - 146		1/13/2021	18:52
Pentafluorobenzene	**102**	92.1 - 115		1/13/2021	18:52
Toluene-D8	**90.7**	74 - 120		1/13/2021	18:52

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75838.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B12S1
Lab Sample ID: 210161-13 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 12.2	ug/Kg		1/13/2021
Total Reported TICS	< 12.2	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B13S1
Lab Sample ID: 210161-14 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.58	ug/Kg		1/13/2021 19:15
1,1,2,2-Tetrachloroethane	< 4.58	ug/Kg		1/13/2021 19:15
1,1,2-Trichloroethane	< 4.58	ug/Kg		1/13/2021 19:15
1,1-Dichloroethane	< 4.58	ug/Kg		1/13/2021 19:15
1,1-Dichloroethene	< 4.58	ug/Kg		1/13/2021 19:15
1,2,3-Trichlorobenzene	< 11.4 UJ	ug/Kg		1/13/2021 19:15
1,2,4-Trichlorobenzene	< 11.4 UJ	ug/Kg		1/13/2021 19:15
1,2,4-Trimethylbenzene	< 4.58	ug/Kg		1/13/2021 19:15
1,2-Dibromo-3-Chloropropane	< 22.9 UJ	ug/Kg		1/13/2021 19:15
1,2-Dibromoethane	< 4.58	ug/Kg		1/13/2021 19:15
1,2-Dichlorobenzene	< 4.58 UJ	ug/Kg		1/13/2021 19:15
1,2-Dichloroethane	< 4.58	ug/Kg		1/13/2021 19:15
1,2-Dichloropropane	< 4.58	ug/Kg		1/13/2021 19:15
1,3,5-Trimethylbenzene	< 4.58	ug/Kg		1/13/2021 19:15
1,3-Dichlorobenzene	< 4.58 UJ	ug/Kg		1/13/2021 19:15
1,4-Dichlorobenzene	< 4.58 UJ	ug/Kg		1/13/2021 19:15
1,4-Dioxane	< 45.8	ug/Kg		1/13/2021 19:15
2-Butanone	< 22.9	ug/Kg		1/13/2021 19:15
2-Hexanone	< 11.4	ug/Kg		1/13/2021 19:15
4-Methyl-2-pentanone	< 11.4	ug/Kg		1/13/2021 19:15
Acetone	**22.8**	ug/Kg	J	1/13/2021 19:15
Benzene	< 4.58	ug/Kg		1/13/2021 19:15
Bromochloromethane	< 11.4	ug/Kg		1/13/2021 19:15

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B13S1
Lab Sample ID: 210161-14 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 4.58	ug/Kg	1/13/2021	19:15
Bromoform	< 11.4	ug/Kg	1/13/2021	19:15
Bromomethane	< 4.58	ug/Kg	1/13/2021	19:15
Carbon disulfide	< 4.58	ug/Kg	1/13/2021	19:15
Carbon Tetrachloride	< 4.58	ug/Kg	1/13/2021	19:15
Chlorobenzene	< 4.58	ug/Kg	1/13/2021	19:15
Chloroethane	< 4.58	ug/Kg	1/13/2021	19:15
Chloroform	< 4.58	ug/Kg	1/13/2021	19:15
Chloromethane	< 4.58	ug/Kg	1/13/2021	19:15
cis-1,2-Dichloroethene	< 4.58	ug/Kg	1/13/2021	19:15
cis-1,3-Dichloropropene	< 4.58	ug/Kg	1/13/2021	19:15
Cyclohexane	< 22.9	ug/Kg	1/13/2021	19:15
Dibromochloromethane	< 4.58	ug/Kg	1/13/2021	19:15
Dichlorodifluoromethane	< 4.58	ug/Kg	1/13/2021	19:15
Ethylbenzene	< 4.58	ug/Kg	1/13/2021	19:15
Freon 113	< 4.58	ug/Kg	1/13/2021	19:15
Isopropylbenzene	< 4.58	ug/Kg	1/13/2021	19:15
m,p-Xylene	< 4.58	ug/Kg	1/13/2021	19:15
Methyl acetate	< 4.58	ug/Kg	1/13/2021	19:15
Methyl tert-butyl Ether	< 4.58	ug/Kg	1/13/2021	19:15
Methylcyclohexane	< 4.58	ug/Kg	1/13/2021	19:15
Methylene chloride	< 11.4	ug/Kg	1/13/2021	19:15
Naphthalene	< 11.4 UJ	ug/Kg	1/13/2021	19:15
n-Butylbenzene	< 4.58 UJ	ug/Kg	1/13/2021	19:15
n-Propylbenzene	< 4.58	ug/Kg	1/13/2021	19:15

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B13S1		
Lab Sample ID:	210161-14	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.58	ug/Kg	1/13/2021	19:15
p-Isopropyltoluene	< 4.58	ug/Kg	1/13/2021	19:15
sec-Butylbenzene	< 4.58	ug/Kg	1/13/2021	19:15
Styrene	< 11.4	ug/Kg	1/13/2021	19:15
tert-Butylbenzene	< 4.58	ug/Kg	1/13/2021	19:15
Tetrachloroethene	< 4.58	ug/Kg	1/13/2021	19:15
Toluene	< 4.58	ug/Kg	1/13/2021	19:15
trans-1,2-Dichloroethene	< 4.58	ug/Kg	1/13/2021	19:15
trans-1,3-Dichloropropene	< 4.58	ug/Kg	1/13/2021	19:15
Trichloroethene	< 4.58	ug/Kg	1/13/2021	19:15
Trichlorofluoromethane	< 4.58	ug/Kg	1/13/2021	19:15
Vinyl chloride	< 4.58	ug/Kg	1/13/2021	19:15

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	52.5 - 151		1/13/2021	19:15
4-Bromofluorobenzene	**66.6**	37.7 - 146		1/13/2021	19:15
Pentafluorobenzene	**106**	92.1 - 115		1/13/2021	19:15
Toluene-D8	**86.3**	74 - 120		1/13/2021	19:15

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75839.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B13S1
Lab Sample ID: 210161-14 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.4	ug/Kg		1/13/2021
Total Reported TICS	< 11.4	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B14S1
Lab Sample ID: 210161-15 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.57	ug/Kg		1/13/2021 19:38
1,1,2,2-Tetrachloroethane	< 4.57	ug/Kg		1/13/2021 19:38
1,1,2-Trichloroethane	< 4.57	ug/Kg		1/13/2021 19:38
1,1-Dichloroethane	< 4.57	ug/Kg		1/13/2021 19:38
1,1-Dichloroethene	< 4.57	ug/Kg		1/13/2021 19:38
1,2,3-Trichlorobenzene	< 11.4 UJ	ug/Kg		1/13/2021 19:38
1,2,4-Trichlorobenzene	< 11.4 UJ	ug/Kg		1/13/2021 19:38
1,2,4-Trimethylbenzene	< 4.57	ug/Kg		1/13/2021 19:38
1,2-Dibromo-3-Chloropropane	< 22.9 UJ	ug/Kg		1/13/2021 19:38
1,2-Dibromoethane	< 4.57	ug/Kg		1/13/2021 19:38
1,2-Dichlorobenzene	< 4.57 UJ	ug/Kg		1/13/2021 19:38
1,2-Dichloroethane	< 4.57	ug/Kg		1/13/2021 19:38
1,2-Dichloropropane	< 4.57	ug/Kg		1/13/2021 19:38
1,3,5-Trimethylbenzene	< 4.57	ug/Kg		1/13/2021 19:38
1,3-Dichlorobenzene	< 4.57 UJ	ug/Kg		1/13/2021 19:38
1,4-Dichlorobenzene	< 4.57 UJ	ug/Kg		1/13/2021 19:38
1,4-Dioxane	< 45.7	ug/Kg		1/13/2021 19:38
2-Butanone	< 22.9	ug/Kg		1/13/2021 19:38
2-Hexanone	< 11.4	ug/Kg		1/13/2021 19:38
4-Methyl-2-pentanone	< 11.4	ug/Kg		1/13/2021 19:38
Acetone	< 22.9	ug/Kg		1/13/2021 19:38
Benzene	< 4.57	ug/Kg		1/13/2021 19:38
Bromochloromethane	< 11.4	ug/Kg		1/13/2021 19:38

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B14S1
Lab Sample ID: 210161-15 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 4.57	ug/Kg	1/13/2021	19:38
Bromoform	< 11.4	ug/Kg	1/13/2021	19:38
Bromomethane	< 4.57	ug/Kg	1/13/2021	19:38
Carbon disulfide	< 4.57	ug/Kg	1/13/2021	19:38
Carbon Tetrachloride	< 4.57	ug/Kg	1/13/2021	19:38
Chlorobenzene	< 4.57	ug/Kg	1/13/2021	19:38
Chloroethane	< 4.57	ug/Kg	1/13/2021	19:38
Chloroform	< 4.57	ug/Kg	1/13/2021	19:38
Chloromethane	< 4.57	ug/Kg	1/13/2021	19:38
cis-1,2-Dichloroethene	< 4.57	ug/Kg	1/13/2021	19:38
cis-1,3-Dichloropropene	< 4.57	ug/Kg	1/13/2021	19:38
Cyclohexane	< 22.9	ug/Kg	1/13/2021	19:38
Dibromochloromethane	< 4.57	ug/Kg	1/13/2021	19:38
Dichlorodifluoromethane	< 4.57	ug/Kg	1/13/2021	19:38
Ethylbenzene	< 4.57	ug/Kg	1/13/2021	19:38
Freon 113	< 4.57	ug/Kg	1/13/2021	19:38
Isopropylbenzene	< 4.57	ug/Kg	1/13/2021	19:38
m,p-Xylene	< 4.57	ug/Kg	1/13/2021	19:38
Methyl acetate	< 4.57	ug/Kg	1/13/2021	19:38
Methyl tert-butyl Ether	< 4.57	ug/Kg	1/13/2021	19:38
Methylcyclohexane	< 4.57	ug/Kg	1/13/2021	19:38
Methylene chloride	< 11.4	ug/Kg	1/13/2021	19:38
Naphthalene	**50.5** J	ug/Kg	1/13/2021	19:38
n-Butylbenzene	< 4.57 UJ	ug/Kg	1/13/2021	19:38
n-Propylbenzene	< 4.57	ug/Kg	1/13/2021	19:38

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B14S1		
Lab Sample ID:	210161-15	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.57	ug/Kg	1/13/2021	19:38
p-Isopropyltoluene	< 4.57	ug/Kg	1/13/2021	19:38
sec-Butylbenzene	< 4.57	ug/Kg	1/13/2021	19:38
Styrene	< 11.4	ug/Kg	1/13/2021	19:38
tert-Butylbenzene	< 4.57	ug/Kg	1/13/2021	19:38
Tetrachloroethene	< 4.57	ug/Kg	1/13/2021	19:38
Toluene	< 4.57	ug/Kg	1/13/2021	19:38
trans-1,2-Dichloroethene	< 4.57	ug/Kg	1/13/2021	19:38
trans-1,3-Dichloropropene	< 4.57	ug/Kg	1/13/2021	19:38
Trichloroethene	< 4.57	ug/Kg	1/13/2021	19:38
Trichlorofluoromethane	< 4.57	ug/Kg	1/13/2021	19:38
Vinyl chloride	< 4.57	ug/Kg	1/13/2021	19:38

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**109**	52.5 - 151		1/13/2021	19:38
4-Bromofluorobenzene	**64.5**	37.7 - 146		1/13/2021	19:38
Pentafluorobenzene	**104**	92.1 - 115		1/13/2021	19:38
Toluene-D8	**83.7**	74 - 120		1/13/2021	19:38

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75840.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B14S1		
Lab Sample ID:	210161-15	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.4	ug/Kg		1/13/2021
Total Reported TICS	< 11.4	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B17S2
Lab Sample ID: 210161-18 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.34	ug/Kg		1/13/2021 20:01
1,1,2,2-Tetrachloroethane	< 4.34	ug/Kg		1/13/2021 20:01
1,1,2-Trichloroethane	< 4.34	ug/Kg		1/13/2021 20:01
1,1-Dichloroethane	< 4.34	ug/Kg		1/13/2021 20:01
1,1-Dichloroethene	< 4.34	ug/Kg		1/13/2021 20:01
1,2,3-Trichlorobenzene	< 10.9	ug/Kg	UJ	1/13/2021 20:01
1,2,4-Trichlorobenzene	< 10.9	ug/Kg	UJ	1/13/2021 20:01
1,2,4-Trimethylbenzene	< 4.34	ug/Kg		1/13/2021 20:01
1,2-Dibromo-3-Chloropropane	< 21.7	ug/Kg	UJ	1/13/2021 20:01
1,2-Dibromoethane	< 4.34	ug/Kg		1/13/2021 20:01
1,2-Dichlorobenzene	< 4.34	ug/Kg	UJ	1/13/2021 20:01
1,2-Dichloroethane	< 4.34	ug/Kg		1/13/2021 20:01
1,2-Dichloropropane	< 4.34	ug/Kg		1/13/2021 20:01
1,3,5-Trimethylbenzene	< 4.34	ug/Kg		1/13/2021 20:01
1,3-Dichlorobenzene	< 4.34	ug/Kg	UJ	1/13/2021 20:01
1,4-Dichlorobenzene	< 4.34	ug/Kg	UJ	1/13/2021 20:01
1,4-Dioxane	< 43.4	ug/Kg		1/13/2021 20:01
2-Butanone	< 21.7	ug/Kg		1/13/2021 20:01
2-Hexanone	< 10.9	ug/Kg		1/13/2021 20:01
4-Methyl-2-pentanone	< 10.9	ug/Kg		1/13/2021 20:01
Acetone	< 21.7	ug/Kg		1/13/2021 20:01
Benzene	< 4.34	ug/Kg		1/13/2021 20:01
Bromochloromethane	< 10.9	ug/Kg		1/13/2021 20:01

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B17S2
Lab Sample ID: 210161-18 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 4.34	ug/Kg	1/13/2021	20:01
Bromoform	< 10.9	ug/Kg	1/13/2021	20:01
Bromomethane	< 4.34	ug/Kg	1/13/2021	20:01
Carbon disulfide	< 4.34	ug/Kg	1/13/2021	20:01
Carbon Tetrachloride	< 4.34	ug/Kg	1/13/2021	20:01
Chlorobenzene	< 4.34	ug/Kg	1/13/2021	20:01
Chloroethane	< 4.34	ug/Kg	1/13/2021	20:01
Chloroform	< 4.34	ug/Kg	1/13/2021	20:01
Chloromethane	< 4.34	ug/Kg	1/13/2021	20:01
cis-1,2-Dichloroethene	< 4.34	ug/Kg	1/13/2021	20:01
cis-1,3-Dichloropropene	< 4.34	ug/Kg	1/13/2021	20:01
Cyclohexane	< 21.7	ug/Kg	1/13/2021	20:01
Dibromochloromethane	< 4.34	ug/Kg	1/13/2021	20:01
Dichlorodifluoromethane	< 4.34	ug/Kg	1/13/2021	20:01
Ethylbenzene	< 4.34	ug/Kg	1/13/2021	20:01
Freon 113	< 4.34	ug/Kg	1/13/2021	20:01
Isopropylbenzene	< 4.34	ug/Kg	1/13/2021	20:01
m,p-Xylene	< 4.34	ug/Kg	1/13/2021	20:01
Methyl acetate	< 4.34	ug/Kg	1/13/2021	20:01
Methyl tert-butyl Ether	< 4.34	ug/Kg	1/13/2021	20:01
Methylcyclohexane	< 4.34	ug/Kg	1/13/2021	20:01
Methylene chloride	< 10.9	ug/Kg	1/13/2021	20:01
Naphthalene	< 10.9 UJ	ug/Kg	1/13/2021	20:01
n-Butylbenzene	< 4.34 UJ	ug/Kg	1/13/2021	20:01
n-Propylbenzene	< 4.34	ug/Kg	1/13/2021	20:01

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S2		
Lab Sample ID:	210161-18	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.34	ug/Kg	1/13/2021	20:01
p-Isopropyltoluene	< 4.34	ug/Kg	1/13/2021	20:01
sec-Butylbenzene	< 4.34	ug/Kg	1/13/2021	20:01
Styrene	< 10.9	ug/Kg	1/13/2021	20:01
tert-Butylbenzene	< 4.34	ug/Kg	1/13/2021	20:01
Tetrachloroethene	< 4.34	ug/Kg	1/13/2021	20:01
Toluene	< 4.34	ug/Kg	1/13/2021	20:01
trans-1,2-Dichloroethene	< 4.34	ug/Kg	1/13/2021	20:01
trans-1,3-Dichloropropene	< 4.34	ug/Kg	1/13/2021	20:01
Trichloroethene	< 4.34	ug/Kg	1/13/2021	20:01
Trichlorofluoromethane	< 4.34	ug/Kg	1/13/2021	20:01
Vinyl chloride	< 4.34	ug/Kg	1/13/2021	20:01

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**107**	52.5 - 151		1/13/2021	20:01
4-Bromofluorobenzene	**67.9**	37.7 - 146		1/13/2021	20:01
Pentafluorobenzene	**104**	92.1 - 115		1/13/2021	20:01
Toluene-D8	**85.2**	74 - 120		1/13/2021	20:01

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75841.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B17S2
Lab Sample ID: 210161-18 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 10.9	ug/Kg		1/13/2021
Total Reported TICS	< 10.9	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B18S1
Lab Sample ID: 210161-19 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.83	ug/Kg		1/13/2021 20:24
1,1,2,2-Tetrachloroethane	< 3.83	ug/Kg		1/13/2021 20:24
1,1,2-Trichloroethane	< 3.83	ug/Kg		1/13/2021 20:24
1,1-Dichloroethane	< 3.83	ug/Kg		1/13/2021 20:24
1,1-Dichloroethene	< 3.83	ug/Kg		1/13/2021 20:24
1,2,3-Trichlorobenzene	< 9.58	ug/Kg	UJ	1/13/2021 20:24
1,2,4-Trichlorobenzene	< 9.58	ug/Kg	UJ	1/13/2021 20:24
1,2,4-Trimethylbenzene	< 3.83	ug/Kg		1/13/2021 20:24
1,2-Dibromo-3-Chloropropane	< 19.2	ug/Kg	UJ	1/13/2021 20:24
1,2-Dibromoethane	< 3.83	ug/Kg		1/13/2021 20:24
1,2-Dichlorobenzene	< 3.83	ug/Kg	UJ	1/13/2021 20:24
1,2-Dichloroethane	< 3.83	ug/Kg		1/13/2021 20:24
1,2-Dichloropropane	< 3.83	ug/Kg		1/13/2021 20:24
1,3,5-Trimethylbenzene	< 3.83	ug/Kg		1/13/2021 20:24
1,3-Dichlorobenzene	< 3.83	ug/Kg	UJ	1/13/2021 20:24
1,4-Dichlorobenzene	< 3.83	ug/Kg	UJ	1/13/2021 20:24
1,4-Dioxane	< 38.3	ug/Kg		1/13/2021 20:24
2-Butanone	< 19.2	ug/Kg		1/13/2021 20:24
2-Hexanone	< 9.58	ug/Kg		1/13/2021 20:24
4-Methyl-2-pentanone	< 9.58	ug/Kg		1/13/2021 20:24
Acetone	< 19.2	ug/Kg		1/13/2021 20:24
Benzene	< 3.83	ug/Kg		1/13/2021 20:24
Bromochloromethane	< 9.58	ug/Kg		1/13/2021 20:24

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B18S1
Lab Sample ID: 210161-19 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 3.83	ug/Kg	1/13/2021	20:24
Bromoform	< 9.58	ug/Kg	1/13/2021	20:24
Bromomethane	< 3.83	ug/Kg	1/13/2021	20:24
Carbon disulfide	< 3.83	ug/Kg	1/13/2021	20:24
Carbon Tetrachloride	< 3.83	ug/Kg	1/13/2021	20:24
Chlorobenzene	< 3.83	ug/Kg	1/13/2021	20:24
Chloroethane	< 3.83	ug/Kg	1/13/2021	20:24
Chloroform	< 3.83	ug/Kg	1/13/2021	20:24
Chloromethane	< 3.83	ug/Kg	1/13/2021	20:24
cis-1,2-Dichloroethene	< 3.83	ug/Kg	1/13/2021	20:24
cis-1,3-Dichloropropene	< 3.83	ug/Kg	1/13/2021	20:24
Cyclohexane	< 19.2	ug/Kg	1/13/2021	20:24
Dibromochloromethane	< 3.83	ug/Kg	1/13/2021	20:24
Dichlorodifluoromethane	< 3.83	ug/Kg	1/13/2021	20:24
Ethylbenzene	< 3.83	ug/Kg	1/13/2021	20:24
Freon 113	< 3.83	ug/Kg	1/13/2021	20:24
Isopropylbenzene	< 3.83	ug/Kg	1/13/2021	20:24
m,p-Xylene	< 3.83	ug/Kg	1/13/2021	20:24
Methyl acetate	< 3.83	ug/Kg	1/13/2021	20:24
Methyl tert-butyl Ether	< 3.83	ug/Kg	1/13/2021	20:24
Methylcyclohexane	< 3.83	ug/Kg	1/13/2021	20:24
Methylene chloride	< 9.58	ug/Kg	1/13/2021	20:24
Naphthalene	< 9.58 UJ	ug/Kg	1/13/2021	20:24
n-Butylbenzene	< 3.83 UJ	ug/Kg	1/13/2021	20:24
n-Propylbenzene	< 3.83	ug/Kg	1/13/2021	20:24

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B18S1		
Lab Sample ID:	210161-19	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 3.83	ug/Kg	1/13/2021	20:24
p-Isopropyltoluene	< 3.83	ug/Kg	1/13/2021	20:24
sec-Butylbenzene	< 3.83	ug/Kg	1/13/2021	20:24
Styrene	< 9.58	ug/Kg	1/13/2021	20:24
tert-Butylbenzene	< 3.83	ug/Kg	1/13/2021	20:24
Tetrachloroethene	< 3.83	ug/Kg	1/13/2021	20:24
Toluene	< 3.83	ug/Kg	1/13/2021	20:24
trans-1,2-Dichloroethene	< 3.83	ug/Kg	1/13/2021	20:24
trans-1,3-Dichloropropene	< 3.83	ug/Kg	1/13/2021	20:24
Trichloroethene	< 3.83	ug/Kg	1/13/2021	20:24
Trichlorofluoromethane	< 3.83	ug/Kg	1/13/2021	20:24
Vinyl chloride	< 3.83	ug/Kg	1/13/2021	20:24

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**113**	52.5 - 151		1/13/2021	20:24
4-Bromofluorobenzene	**57.7**	37.7 - 146		1/13/2021	20:24
Pentafluorobenzene	**101**	92.1 - 115		1/13/2021	20:24
Toluene-D8	**83.2**	74 - 120		1/13/2021	20:24

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75842.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B18S1
Lab Sample ID: 210161-19 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 9.58	ug/Kg		1/13/2021
Total Reported TICS	< 9.58	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B21S1
Lab Sample ID: 210161-21 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.68	ug/Kg		1/13/2021 20:47
1,1,2,2-Tetrachloroethane	< 4.68	ug/Kg		1/13/2021 20:47
1,1,2-Trichloroethane	< 4.68	ug/Kg		1/13/2021 20:47
1,1-Dichloroethane	< 4.68	ug/Kg		1/13/2021 20:47
1,1-Dichloroethene	< 4.68	ug/Kg		1/13/2021 20:47
1,2,3-Trichlorobenzene	< 11.7	ug/Kg	UJ	1/13/2021 20:47
1,2,4-Trichlorobenzene	< 11.7	ug/Kg	UJ	1/13/2021 20:47
1,2,4-Trimethylbenzene	< 4.68	ug/Kg		1/13/2021 20:47
1,2-Dibromo-3-Chloropropane	< 23.4	ug/Kg	UJ	1/13/2021 20:47
1,2-Dibromoethane	< 4.68	ug/Kg		1/13/2021 20:47
1,2-Dichlorobenzene	< 4.68	ug/Kg	UJ	1/13/2021 20:47
1,2-Dichloroethane	< 4.68	ug/Kg		1/13/2021 20:47
1,2-Dichloropropane	< 4.68	ug/Kg		1/13/2021 20:47
1,3,5-Trimethylbenzene	< 4.68	ug/Kg		1/13/2021 20:47
1,3-Dichlorobenzene	< 4.68	ug/Kg	UJ	1/13/2021 20:47
1,4-Dichlorobenzene	< 4.68	ug/Kg	UJ	1/13/2021 20:47
1,4-Dioxane	< 46.8	ug/Kg		1/13/2021 20:47
2-Butanone	< 23.4	ug/Kg		1/13/2021 20:47
2-Hexanone	< 11.7	ug/Kg		1/13/2021 20:47
4-Methyl-2-pentanone	< 11.7	ug/Kg		1/13/2021 20:47
Acetone	< 23.4	ug/Kg		1/13/2021 20:47
Benzene	< 4.68	ug/Kg		1/13/2021 20:47
Bromochloromethane	< 11.7	ug/Kg		1/13/2021 20:47

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B21S1
Lab Sample ID: 210161-21 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 4.68	ug/Kg	1/13/2021	20:47
Bromoform	< 11.7	ug/Kg	1/13/2021	20:47
Bromomethane	< 4.68	ug/Kg	1/13/2021	20:47
Carbon disulfide	< 4.68	ug/Kg	1/13/2021	20:47
Carbon Tetrachloride	< 4.68	ug/Kg	1/13/2021	20:47
Chlorobenzene	< 4.68	ug/Kg	1/13/2021	20:47
Chloroethane	< 4.68	ug/Kg	1/13/2021	20:47
Chloroform	< 4.68	ug/Kg	1/13/2021	20:47
Chloromethane	< 4.68	ug/Kg	1/13/2021	20:47
cis-1,2-Dichloroethene	< 4.68	ug/Kg	1/13/2021	20:47
cis-1,3-Dichloropropene	< 4.68	ug/Kg	1/13/2021	20:47
Cyclohexane	< 23.4	ug/Kg	1/13/2021	20:47
Dibromochloromethane	< 4.68	ug/Kg	1/13/2021	20:47
Dichlorodifluoromethane	< 4.68	ug/Kg	1/13/2021	20:47
Ethylbenzene	< 4.68	ug/Kg	1/13/2021	20:47
Freon 113	< 4.68	ug/Kg	1/13/2021	20:47
Isopropylbenzene	< 4.68	ug/Kg	1/13/2021	20:47
m,p-Xylene	< 4.68	ug/Kg	1/13/2021	20:47
Methyl acetate	< 4.68	ug/Kg	1/13/2021	20:47
Methyl tert-butyl Ether	< 4.68	ug/Kg	1/13/2021	20:47
Methylcyclohexane	< 4.68	ug/Kg	1/13/2021	20:47
Methylene chloride	< 11.7	ug/Kg	1/13/2021	20:47
Naphthalene	< 11.7 UJ	ug/Kg	1/13/2021	20:47
n-Butylbenzene	< 4.68 UJ	ug/Kg	1/13/2021	20:47
n-Propylbenzene	< 4.68	ug/Kg	1/13/2021	20:47

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B21S1		
Lab Sample ID:	210161-21	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.68	ug/Kg	1/13/2021	20:47
p-Isopropyltoluene	< 4.68	ug/Kg	1/13/2021	20:47
sec-Butylbenzene	< 4.68	ug/Kg	1/13/2021	20:47
Styrene	< 11.7	ug/Kg	1/13/2021	20:47
tert-Butylbenzene	< 4.68	ug/Kg	1/13/2021	20:47
Tetrachloroethene	< 4.68	ug/Kg	1/13/2021	20:47
Toluene	< 4.68	ug/Kg	1/13/2021	20:47
trans-1,2-Dichloroethene	< 4.68	ug/Kg	1/13/2021	20:47
trans-1,3-Dichloropropene	< 4.68	ug/Kg	1/13/2021	20:47
Trichloroethene	< 4.68	ug/Kg	1/13/2021	20:47
Trichlorofluoromethane	< 4.68	ug/Kg	1/13/2021	20:47
Vinyl chloride	< 4.68	ug/Kg	1/13/2021	20:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**116**	52.5 - 151		1/13/2021	20:47
4-Bromofluorobenzene	**65.8**	37.7 - 146		1/13/2021	20:47
Pentafluorobenzene	**103**	92.1 - 115		1/13/2021	20:47
Toluene-D8	**84.4**	74 - 120		1/13/2021	20:47

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75843.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B21S1		
Lab Sample ID:	210161-21	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.7	ug/Kg		1/13/2021
Total Reported TICS	< 11.7	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B22S1
Lab Sample ID: 210161-22 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.62	ug/Kg		1/13/2021 21:10
1,1,2,2-Tetrachloroethane	< 4.62	ug/Kg		1/13/2021 21:10
1,1,2-Trichloroethane	< 4.62	ug/Kg		1/13/2021 21:10
1,1-Dichloroethane	< 4.62	ug/Kg		1/13/2021 21:10
1,1-Dichloroethene	< 4.62	ug/Kg		1/13/2021 21:10
1,2,3-Trichlorobenzene	< 11.5	ug/Kg	UJ	1/13/2021 21:10
1,2,4-Trichlorobenzene	< 11.5	ug/Kg	UJ	1/13/2021 21:10
1,2,4-Trimethylbenzene	< 4.62	ug/Kg		1/13/2021 21:10
1,2-Dibromo-3-Chloropropane	< 23.1	ug/Kg	UJ	1/13/2021 21:10
1,2-Dibromoethane	< 4.62	ug/Kg		1/13/2021 21:10
1,2-Dichlorobenzene	< 4.62	ug/Kg	UJ	1/13/2021 21:10
1,2-Dichloroethane	< 4.62	ug/Kg		1/13/2021 21:10
1,2-Dichloropropane	< 4.62	ug/Kg		1/13/2021 21:10
1,3,5-Trimethylbenzene	< 4.62	ug/Kg		1/13/2021 21:10
1,3-Dichlorobenzene	< 4.62	ug/Kg	UJ	1/13/2021 21:10
1,4-Dichlorobenzene	< 4.62	ug/Kg	UJ	1/13/2021 21:10
1,4-Dioxane	< 46.2	ug/Kg		1/13/2021 21:10
2-Butanone	< 23.1	ug/Kg		1/13/2021 21:10
2-Hexanone	< 11.5	ug/Kg		1/13/2021 21:10
4-Methyl-2-pentanone	< 11.5	ug/Kg		1/13/2021 21:10
Acetone	**133**	ug/Kg		1/13/2021 21:10
Benzene	< 4.62	ug/Kg		1/13/2021 21:10
Bromochloromethane	< 11.5	ug/Kg		1/13/2021 21:10

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B22S1
Lab Sample ID: 210161-22 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Bromodichloromethane	< 4.62	ug/Kg	1/13/2021	21:10
Bromoform	< 11.5	ug/Kg	1/13/2021	21:10
Bromomethane	< 4.62	ug/Kg	1/13/2021	21:10
Carbon disulfide	< 4.62	ug/Kg	1/13/2021	21:10
Carbon Tetrachloride	< 4.62	ug/Kg	1/13/2021	21:10
Chlorobenzene	< 4.62	ug/Kg	1/13/2021	21:10
Chloroethane	< 4.62	ug/Kg	1/13/2021	21:10
Chloroform	< 4.62	ug/Kg	1/13/2021	21:10
Chloromethane	< 4.62	ug/Kg	1/13/2021	21:10
cis-1,2-Dichloroethene	< 4.62	ug/Kg	1/13/2021	21:10
cis-1,3-Dichloropropene	< 4.62	ug/Kg	1/13/2021	21:10
Cyclohexane	< 23.1	ug/Kg	1/13/2021	21:10
Dibromochloromethane	< 4.62	ug/Kg	1/13/2021	21:10
Dichlorodifluoromethane	< 4.62	ug/Kg	1/13/2021	21:10
Ethylbenzene	< 4.62	ug/Kg	1/13/2021	21:10
Freon 113	< 4.62	ug/Kg	1/13/2021	21:10
Isopropylbenzene	< 4.62	ug/Kg	1/13/2021	21:10
m,p-Xylene	< 4.62	ug/Kg	1/13/2021	21:10
Methyl acetate	< 4.62	ug/Kg	1/13/2021	21:10
Methyl tert-butyl Ether	< 4.62	ug/Kg	1/13/2021	21:10
Methylcyclohexane	< 4.62	ug/Kg	1/13/2021	21:10
Methylene chloride	< 11.5	ug/Kg	1/13/2021	21:10
Naphthalene	< 11.5 UJ	ug/Kg	1/13/2021	21:10
n-Butylbenzene	< 4.62 UJ	ug/Kg	1/13/2021	21:10
n-Propylbenzene	< 4.62	ug/Kg	1/13/2021	21:10

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B22S1		
Lab Sample ID:	210161-22	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

o-Xylene	< 4.62	ug/Kg	1/13/2021	21:10
p-Isopropyltoluene	< 4.62	ug/Kg	1/13/2021	21:10
sec-Butylbenzene	< 4.62	ug/Kg	1/13/2021	21:10
Styrene	< 11.5	ug/Kg	1/13/2021	21:10
tert-Butylbenzene	< 4.62	ug/Kg	1/13/2021	21:10
Tetrachloroethene	< 4.62	ug/Kg	1/13/2021	21:10
Toluene	< 4.62	ug/Kg	1/13/2021	21:10
trans-1,2-Dichloroethene	< 4.62	ug/Kg	1/13/2021	21:10
trans-1,3-Dichloropropene	< 4.62	ug/Kg	1/13/2021	21:10
Trichloroethene	< 4.62	ug/Kg	1/13/2021	21:10
Trichlorofluoromethane	< 4.62	ug/Kg	1/13/2021	21:10
Vinyl chloride	< 4.62	ug/Kg	1/13/2021	21:10

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**115**	52.5 - 151		1/13/2021	21:10
4-Bromofluorobenzene	**65.2**	37.7 - 146		1/13/2021	21:10
Pentafluorobenzene	**103**	92.1 - 115		1/13/2021	21:10
Toluene-D8	**82.2**	74 - 120		1/13/2021	21:10

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: x75844.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B22S1
Lab Sample ID: 210161-22 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.5	ug/Kg		1/13/2021
Total Reported TICS	< 11.5	ug/Kg		1/13/2021

Method Reference(s): EPA 8260C
EPA 5035A - L

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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SEMIVOLATILE ORGANICS

SAMPLE DATA

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B1S1		
Lab Sample ID:	210161-01	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 338	ug/Kg		1/18/2021 13:38
1,2,4,5-Tetrachlorobenzene	< 338	ug/Kg		1/18/2021 13:38
1,2,4-Trichlorobenzene	< 338	ug/Kg		1/18/2021 13:38
1,2-Dichlorobenzene	< 338	ug/Kg		1/18/2021 13:38
1,3-Dichlorobenzene	< 338	ug/Kg		1/18/2021 13:38
1,4-Dichlorobenzene	< 338	ug/Kg		1/18/2021 13:38
2,2-Oxybis (1-chloropropane)	< 338	ug/Kg		1/18/2021 13:38
2,3,4,6-Tetrachlorophenol	< 338	ug/Kg		1/18/2021 13:38
2,4,5-Trichlorophenol	< 338	ug/Kg		1/18/2021 13:38
2,4,6-Trichlorophenol	< 338	ug/Kg		1/18/2021 13:38
2,4-Dichlorophenol	< 338	ug/Kg		1/18/2021 13:38
2,4-Dimethylphenol	< 338	ug/Kg		1/18/2021 13:38
2,4-Dinitrophenol	< 1350	ug/Kg		1/18/2021 13:38
2,4-Dinitrotoluene	< 338	ug/Kg		1/18/2021 13:38
2,6-Dinitrotoluene	< 338	ug/Kg		1/18/2021 13:38
2-Chloronaphthalene	< 338	ug/Kg		1/18/2021 13:38
2-Chlorophenol	< 338	ug/Kg		1/18/2021 13:38
2-Methylnapthalene	< 338	ug/Kg		1/18/2021 13:38
2-Methylphenol	< 338	ug/Kg		1/18/2021 13:38
2-Nitroaniline	< 338	ug/Kg		1/18/2021 13:38
2-Nitrophenol	< 338	ug/Kg		1/18/2021 13:38
3&4-Methylphenol	< 338	ug/Kg		1/18/2021 13:38
3,3'-Dichlorobenzidine	< 338	ug/Kg		1/18/2021 13:38

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B1S1
Lab Sample ID: 210161-01 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 338		ug/Kg	1/18/2021	13:38
4,6-Dinitro-2-methylphenol	< 676		ug/Kg	1/18/2021	13:38
4-Bromophenyl phenyl ether	< 338		ug/Kg	1/18/2021	13:38
4-Chloro-3-methylphenol	< 338		ug/Kg	1/18/2021	13:38
4-Chloroaniline	< 338		ug/Kg	1/18/2021	13:38
4-Chlorophenyl phenyl ether	< 338		ug/Kg	1/18/2021	13:38
4-Nitroaniline	< 338		ug/Kg	1/18/2021	13:38
4-Nitrophenol	< 338		ug/Kg	1/18/2021	13:38
Acenaphthene	< 338		ug/Kg	1/18/2021	13:38
Acenaphthylene	< 338		ug/Kg	1/18/2021	13:38
Acetophenone	< 338		ug/Kg	1/18/2021	13:38
Anthracene	< 338		ug/Kg	1/18/2021	13:38
Atrazine	< 338	UJ	ug/Kg	1/18/2021	13:38
Benzaldehyde	< 338		ug/Kg	1/18/2021	13:38
Benzo (a) anthracene	< 338		ug/Kg	1/18/2021	13:38
Benzo (a) pyrene	< 338		ug/Kg	1/18/2021	13:38
Benzo (b) fluoranthene	< 338		ug/Kg	1/18/2021	13:38
Benzo (g,h,i) perylene	< 338		ug/Kg	1/18/2021	13:38
Benzo (k) fluoranthene	< 338		ug/Kg	1/18/2021	13:38
Bis (2-chloroethoxy) methane	< 338		ug/Kg	1/18/2021	13:38
Bis (2-chloroethyl) ether	< 338		ug/Kg	1/18/2021	13:38
Bis (2-ethylhexyl) phthalate	< 338		ug/Kg	1/18/2021	13:38
Butylbenzylphthalate	< 338		ug/Kg	1/18/2021	13:38
Caprolactam	< 338		ug/Kg	1/18/2021	13:38
Carbazole	< 338		ug/Kg	1/18/2021	13:38

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B1S1
Lab Sample ID: 210161-01 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Chrysene	< 338	ug/Kg	1/18/2021	13:38
Dibenz (a,h) anthracene	< 338	ug/Kg	1/18/2021	13:38
Dibenzofuran	< 338	ug/Kg	1/18/2021	13:38
Diethyl phthalate	< 338	ug/Kg	1/18/2021	13:38
Dimethyl phthalate	< 338	ug/Kg	1/18/2021	13:38
Di-n-butyl phthalate	< 338	ug/Kg	1/18/2021	13:38
Di-n-octylphthalate	< 338	ug/Kg	1/18/2021	13:38
Fluoranthene	< 338	ug/Kg	1/18/2021	13:38
Fluorene	< 338	ug/Kg	1/18/2021	13:38
Hexachlorobenzene	< 338	ug/Kg	1/18/2021	13:38
Hexachlorobutadiene	< 338	ug/Kg	1/18/2021	13:38
Hexachlorocyclopentadiene	< 1350	ug/Kg	1/18/2021	13:38
Hexachloroethane	< 338	ug/Kg	1/18/2021	13:38
Indeno (1,2,3-cd) pyrene	< 338	ug/Kg	1/18/2021	13:38
Isophorone	< 338	ug/Kg	1/18/2021	13:38
Naphthalene	< 338	ug/Kg	1/18/2021	13:38
Nitrobenzene	< 338	ug/Kg	1/18/2021	13:38
N-Nitroso-di-n-propylamine	< 338	ug/Kg	1/18/2021	13:38
N-Nitrosodiphenylamine	< 338	ug/Kg	1/18/2021	13:38
Pentachlorophenol	< 676	ug/Kg	1/18/2021	13:38
Phenanthrene	< 338	ug/Kg	1/18/2021	13:38
Phenol	< 338	ug/Kg	1/18/2021	13:38
Pyrene	< 338	ug/Kg	1/18/2021	13:38

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B1S1		
Lab Sample ID:	210161-01	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Sulfur	**1090** J	ug/Kg		1/18/2021
Total Reported TICS	**1060**	ug/Kg		1/18/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/14/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B2S1		
Lab Sample ID:	210161-02	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 339	ug/Kg		1/13/2021 19:29
1,2,4,5-Tetrachlorobenzene	< 339	ug/Kg		1/13/2021 19:29
1,2,4-Trichlorobenzene	< 339	ug/Kg		1/13/2021 19:29
1,2-Dichlorobenzene	< 339	ug/Kg		1/13/2021 19:29
1,3-Dichlorobenzene	< 339	ug/Kg		1/13/2021 19:29
1,4-Dichlorobenzene	< 339	ug/Kg		1/13/2021 19:29
2,2-Oxybis (1-chloropropane)	< 339	ug/Kg		1/13/2021 19:29
2,3,4,6-Tetrachlorophenol	< 339	ug/Kg		1/13/2021 19:29
2,4,5-Trichlorophenol	< 339	ug/Kg		1/13/2021 19:29
2,4,6-Trichlorophenol	< 339	ug/Kg		1/13/2021 19:29
2,4-Dichlorophenol	< 339	ug/Kg		1/13/2021 19:29
2,4-Dimethylphenol	< 339	ug/Kg		1/13/2021 19:29
2,4-Dinitrophenol	< 1360	ug/Kg		1/13/2021 19:29
2,4-Dinitrotoluene	< 339	ug/Kg		1/13/2021 19:29
2,6-Dinitrotoluene	< 339	ug/Kg		1/13/2021 19:29
2-Chloronaphthalene	< 339	ug/Kg		1/13/2021 19:29
2-Chlorophenol	< 339	ug/Kg		1/13/2021 19:29
2-Methylnapthalene	< 339	ug/Kg		1/13/2021 19:29
2-Methylphenol	< 339	ug/Kg		1/13/2021 19:29
2-Nitroaniline	< 339	ug/Kg		1/13/2021 19:29
2-Nitrophenol	< 339	ug/Kg		1/13/2021 19:29
3&4-Methylphenol	< 339	ug/Kg		1/13/2021 19:29
3,3'-Dichlorobenzidine	< 339	ug/Kg		1/13/2021 19:29

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B2S1
Lab Sample ID: 210161-02 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 339		ug/Kg	1/13/2021	19:29
4,6-Dinitro-2-methylphenol	< 679		ug/Kg	1/13/2021	19:29
4-Bromophenyl phenyl ether	< 339		ug/Kg	1/13/2021	19:29
4-Chloro-3-methylphenol	< 339		ug/Kg	1/13/2021	19:29
4-Chloroaniline	< 339		ug/Kg	1/13/2021	19:29
4-Chlorophenyl phenyl ether	< 339		ug/Kg	1/13/2021	19:29
4-Nitroaniline	< 339		ug/Kg	1/13/2021	19:29
4-Nitrophenol	< 339		ug/Kg	1/13/2021	19:29
Acenaphthene	< 339		ug/Kg	1/13/2021	19:29
Acenaphthylene	< 339		ug/Kg	1/13/2021	19:29
Acetophenone	< 339		ug/Kg	1/13/2021	19:29
Anthracene	< 339		ug/Kg	1/13/2021	19:29
Atrazine	< 339	UJ	ug/Kg	1/13/2021	19:29
Benzaldehyde	< 339		ug/Kg	1/13/2021	19:29
Benzo (a) anthracene	< 339		ug/Kg	1/13/2021	19:29
Benzo (a) pyrene	< 339		ug/Kg	1/13/2021	19:29
Benzo (b) fluoranthene	< 339		ug/Kg	1/13/2021	19:29
Benzo (g,h,i) perylene	< 339		ug/Kg	1/13/2021	19:29
Benzo (k) fluoranthene	< 339		ug/Kg	1/13/2021	19:29
Bis (2-chloroethoxy) methane	< 339		ug/Kg	1/13/2021	19:29
Bis (2-chloroethyl) ether	< 339		ug/Kg	1/13/2021	19:29
Bis (2-ethylhexyl) phthalate	< 339		ug/Kg	1/13/2021	19:29
Butylbenzylphthalate	< 339		ug/Kg	1/13/2021	19:29
Caprolactam	< 339		ug/Kg	1/13/2021	19:29
Carbazole	< 339		ug/Kg	1/13/2021	19:29

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B2S1		
Lab Sample ID:	210161-02	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	**226**	ug/Kg	J	1/13/2021	19:29
Dibenz (a,h) anthracene	< 339	ug/Kg		1/13/2021	19:29
Dibenzofuran	< 339	ug/Kg		1/13/2021	19:29
Diethyl phthalate	< 339	ug/Kg		1/13/2021	19:29
Dimethyl phthalate	< 339	ug/Kg		1/13/2021	19:29
Di-n-butyl phthalate	< 339	ug/Kg		1/13/2021	19:29
Di-n-octylphthalate	< 339	ug/Kg		1/13/2021	19:29
Fluoranthene	**603**	ug/Kg		1/13/2021	19:29
Fluorene	< 339	ug/Kg		1/13/2021	19:29
Hexachlorobenzene	< 339	ug/Kg		1/13/2021	19:29
Hexachlorobutadiene	< 339	ug/Kg		1/13/2021	19:29
Hexachlorocyclopentadiene	< 1360	ug/Kg		1/13/2021	19:29
Hexachloroethane	< 339	ug/Kg		1/13/2021	19:29
Indeno (1,2,3-cd) pyrene	< 339	ug/Kg		1/13/2021	19:29
Isophorone	< 339	ug/Kg		1/13/2021	19:29
Naphthalene	< 339	ug/Kg		1/13/2021	19:29
Nitrobenzene	< 339	ug/Kg		1/13/2021	19:29
N-Nitroso-di-n-propylamine	< 339	ug/Kg		1/13/2021	19:29
N-Nitrosodiphenylamine	< 339	ug/Kg		1/13/2021	19:29
Pentachlorophenol	< 679	ug/Kg		1/13/2021	19:29
Phenanthrene	**389**	ug/Kg		1/13/2021	19:29
Phenol	< 339	ug/Kg		1/13/2021	19:29
Pyrene	**455**	ug/Kg		1/13/2021	19:29

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B2S1
Lab Sample ID: 210161-02 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 272	ug/Kg		1/13/2021
Total Reported TICS	< 272	ug/Kg		1/13/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B4S1		
Lab Sample ID:	210161-04	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 341	ug/Kg		1/13/2021 19:58
1,2,4,5-Tetrachlorobenzene	< 341	ug/Kg		1/13/2021 19:58
1,2,4-Trichlorobenzene	< 341	ug/Kg		1/13/2021 19:58
1,2-Dichlorobenzene	< 341	ug/Kg		1/13/2021 19:58
1,3-Dichlorobenzene	< 341	ug/Kg		1/13/2021 19:58
1,4-Dichlorobenzene	< 341	ug/Kg		1/13/2021 19:58
2,2-Oxybis (1-chloropropane)	< 341	ug/Kg		1/13/2021 19:58
2,3,4,6-Tetrachlorophenol	< 341	ug/Kg		1/13/2021 19:58
2,4,5-Trichlorophenol	< 341	ug/Kg		1/13/2021 19:58
2,4,6-Trichlorophenol	< 341	ug/Kg		1/13/2021 19:58
2,4-Dichlorophenol	< 341	ug/Kg		1/13/2021 19:58
2,4-Dimethylphenol	< 341	ug/Kg		1/13/2021 19:58
2,4-Dinitrophenol	< 1360	ug/Kg		1/13/2021 19:58
2,4-Dinitrotoluene	< 341	ug/Kg		1/13/2021 19:58
2,6-Dinitrotoluene	< 341	ug/Kg		1/13/2021 19:58
2-Chloronaphthalene	< 341	ug/Kg		1/13/2021 19:58
2-Chlorophenol	< 341	ug/Kg		1/13/2021 19:58
2-Methylnapthalene	< 341	ug/Kg		1/13/2021 19:58
2-Methylphenol	< 341	ug/Kg		1/13/2021 19:58
2-Nitroaniline	< 341	ug/Kg		1/13/2021 19:58
2-Nitrophenol	< 341	ug/Kg		1/13/2021 19:58
3&4-Methylphenol	< 341	ug/Kg		1/13/2021 19:58
3,3'-Dichlorobenzidine	< 341	ug/Kg		1/13/2021 19:58

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B4S1
Lab Sample ID: 210161-04 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 341		ug/Kg	1/13/2021	19:58
4,6-Dinitro-2-methylphenol	< 682		ug/Kg	1/13/2021	19:58
4-Bromophenyl phenyl ether	< 341		ug/Kg	1/13/2021	19:58
4-Chloro-3-methylphenol	< 341		ug/Kg	1/13/2021	19:58
4-Chloroaniline	< 341		ug/Kg	1/13/2021	19:58
4-Chlorophenyl phenyl ether	< 341		ug/Kg	1/13/2021	19:58
4-Nitroaniline	< 341		ug/Kg	1/13/2021	19:58
4-Nitrophenol	< 341		ug/Kg	1/13/2021	19:58
Acenaphthene	< 341		ug/Kg	1/13/2021	19:58
Acenaphthylene	< 341		ug/Kg	1/13/2021	19:58
Acetophenone	< 341		ug/Kg	1/13/2021	19:58
Anthracene	< 341		ug/Kg	1/13/2021	19:58
Atrazine	< 341	UJ	ug/Kg	1/13/2021	19:58
Benzaldehyde	< 341		ug/Kg	1/13/2021	19:58
Benzo (a) anthracene	< 341		ug/Kg	1/13/2021	19:58
Benzo (a) pyrene	< 341		ug/Kg	1/13/2021	19:58
Benzo (b) fluoranthene	< 341		ug/Kg	1/13/2021	19:58
Benzo (g,h,i) perylene	< 341		ug/Kg	1/13/2021	19:58
Benzo (k) fluoranthene	< 341		ug/Kg	1/13/2021	19:58
Bis (2-chloroethoxy) methane	< 341		ug/Kg	1/13/2021	19:58
Bis (2-chloroethyl) ether	< 341		ug/Kg	1/13/2021	19:58
Bis (2-ethylhexyl) phthalate	< 341		ug/Kg	1/13/2021	19:58
Butylbenzylphthalate	< 341		ug/Kg	1/13/2021	19:58
Caprolactam	< 341		ug/Kg	1/13/2021	19:58
Carbazole	< 341		ug/Kg	1/13/2021	19:58

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B4S1
Lab Sample ID: 210161-04 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Chrysene	< 341	ug/Kg	1/13/2021	19:58
Dibenz (a,h) anthracene	< 341	ug/Kg	1/13/2021	19:58
Dibenzofuran	< 341	ug/Kg	1/13/2021	19:58
Diethyl phthalate	< 341	ug/Kg	1/13/2021	19:58
Dimethyl phthalate	< 341	ug/Kg	1/13/2021	19:58
Di-n-butyl phthalate	< 341	ug/Kg	1/13/2021	19:58
Di-n-octylphthalate	< 341	ug/Kg	1/13/2021	19:58
Fluoranthene	< 341	ug/Kg	1/13/2021	19:58
Fluorene	< 341	ug/Kg	1/13/2021	19:58
Hexachlorobenzene	< 341	ug/Kg	1/13/2021	19:58
Hexachlorobutadiene	< 341	ug/Kg	1/13/2021	19:58
Hexachlorocyclopentadiene	< 1360	ug/Kg	1/13/2021	19:58
Hexachloroethane	< 341	ug/Kg	1/13/2021	19:58
Indeno (1,2,3-cd) pyrene	< 341	ug/Kg	1/13/2021	19:58
Isophorone	< 341	ug/Kg	1/13/2021	19:58
Naphthalene	< 341	ug/Kg	1/13/2021	19:58
Nitrobenzene	< 341	ug/Kg	1/13/2021	19:58
N-Nitroso-di-n-propylamine	< 341	ug/Kg	1/13/2021	19:58
N-Nitrosodiphenylamine	< 341	ug/Kg	1/13/2021	19:58
Pentachlorophenol	< 682	ug/Kg	1/13/2021	19:58
Phenanthrene	< 341	ug/Kg	1/13/2021	19:58
Phenol	< 341	ug/Kg	1/13/2021	19:58
Pyrene	< 341	ug/Kg	1/13/2021	19:58

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B4S1
Lab Sample ID: 210161-04
Matrix: Soil
Date Sampled: 1/7/2021
Date Received: 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Benzeneacetic acid	**485** JN	ug/Kg		1/13/2021
Unknown	**291** J	ug/Kg		1/13/2021
Unknown Alkane	**473** J	ug/Kg		1/13/2021
Unknown	**598** J	ug/Kg		1/13/2021
Unknown	**364** J	ug/Kg		1/13/2021
Unknown Alkane	**545** J	ug/Kg		1/13/2021
Unknown	**543** J	ug/Kg		1/13/2021
Total Reported TICS	**3300**	ug/Kg		1/13/2021

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 300	ug/Kg		1/13/2021 20:28
1,2,4,5-Tetrachlorobenzene	< 300	ug/Kg		1/13/2021 20:28
1,2,4-Trichlorobenzene	< 300	ug/Kg		1/13/2021 20:28
1,2-Dichlorobenzene	< 300	ug/Kg		1/13/2021 20:28
1,3-Dichlorobenzene	< 300	ug/Kg		1/13/2021 20:28
1,4-Dichlorobenzene	< 300	ug/Kg		1/13/2021 20:28
2,2-Oxybis (1-chloropropane)	< 300	ug/Kg		1/13/2021 20:28
2,3,4,6-Tetrachlorophenol	< 300	ug/Kg		1/13/2021 20:28
2,4,5-Trichlorophenol	< 300	ug/Kg		1/13/2021 20:28
2,4,6-Trichlorophenol	< 300	ug/Kg		1/13/2021 20:28
2,4-Dichlorophenol	< 300	ug/Kg		1/13/2021 20:28
2,4-Dimethylphenol	< 300	ug/Kg		1/13/2021 20:28
2,4-Dinitrophenol	< 1200	ug/Kg		1/13/2021 20:28
2,4-Dinitrotoluene	< 300	ug/Kg		1/13/2021 20:28
2,6-Dinitrotoluene	< 300	ug/Kg		1/13/2021 20:28
2-Chloronaphthalene	< 300	ug/Kg		1/13/2021 20:28
2-Chlorophenol	< 300	ug/Kg		1/13/2021 20:28
2-Methylnapthalene	< 300	ug/Kg		1/13/2021 20:28
2-Methylphenol	< 300	ug/Kg		1/13/2021 20:28
2-Nitroaniline	< 300	ug/Kg		1/13/2021 20:28
2-Nitrophenol	< 300	ug/Kg		1/13/2021 20:28
3&4-Methylphenol	< 300	ug/Kg		1/13/2021 20:28
3,3'-Dichlorobenzidine	< 300	ug/Kg		1/13/2021 20:28

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B5S2
Lab Sample ID: 210161-05 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 300		ug/Kg	1/13/2021	20:28
4,6-Dinitro-2-methylphenol	< 601		ug/Kg	1/13/2021	20:28
4-Bromophenyl phenyl ether	< 300		ug/Kg	1/13/2021	20:28
4-Chloro-3-methylphenol	< 300		ug/Kg	1/13/2021	20:28
4-Chloroaniline	< 300		ug/Kg	1/13/2021	20:28
4-Chlorophenyl phenyl ether	< 300		ug/Kg	1/13/2021	20:28
4-Nitroaniline	< 300		ug/Kg	1/13/2021	20:28
4-Nitrophenol	< 300		ug/Kg	1/13/2021	20:28
Acenaphthene	< 300		ug/Kg	1/13/2021	20:28
Acenaphthylene	< 300		ug/Kg	1/13/2021	20:28
Acetophenone	< 300		ug/Kg	1/13/2021	20:28
Anthracene	< 300		ug/Kg	1/13/2021	20:28
Atrazine	< 300	UJ	ug/Kg	1/13/2021	20:28
Benzaldehyde	< 300		ug/Kg	1/13/2021	20:28
Benzo (a) anthracene	< 300		ug/Kg	1/13/2021	20:28
Benzo (a) pyrene	< 300		ug/Kg	1/13/2021	20:28
Benzo (b) fluoranthene	< 300		ug/Kg	1/13/2021	20:28
Benzo (g,h,i) perylene	< 300		ug/Kg	1/13/2021	20:28
Benzo (k) fluoranthene	< 300		ug/Kg	1/13/2021	20:28
Bis (2-chloroethoxy) methane	< 300		ug/Kg	1/13/2021	20:28
Bis (2-chloroethyl) ether	< 300		ug/Kg	1/13/2021	20:28
Bis (2-ethylhexyl) phthalate	< 300		ug/Kg	1/13/2021	20:28
Butylbenzylphthalate	< 300		ug/Kg	1/13/2021	20:28
Caprolactam	< 300		ug/Kg	1/13/2021	20:28
Carbazole	< 300		ug/Kg	1/13/2021	20:28

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 300	ug/Kg	1/13/2021	20:28
Dibenz (a,h) anthracene	< 300	ug/Kg	1/13/2021	20:28
Dibenzofuran	< 300	ug/Kg	1/13/2021	20:28
Diethyl phthalate	< 300	ug/Kg	1/13/2021	20:28
Dimethyl phthalate	< 300	ug/Kg	1/13/2021	20:28
Di-n-butyl phthalate	< 300	ug/Kg	1/13/2021	20:28
Di-n-octylphthalate	< 300	ug/Kg	1/13/2021	20:28
Fluoranthene	< 300	ug/Kg	1/13/2021	20:28
Fluorene	< 300	ug/Kg	1/13/2021	20:28
Hexachlorobenzene	< 300	ug/Kg	1/13/2021	20:28
Hexachlorobutadiene	< 300	ug/Kg	1/13/2021	20:28
Hexachlorocyclopentadiene	< 1200	ug/Kg	1/13/2021	20:28
Hexachloroethane	< 300	ug/Kg	1/13/2021	20:28
Indeno (1,2,3-cd) pyrene	< 300	ug/Kg	1/13/2021	20:28
Isophorone	< 300	ug/Kg	1/13/2021	20:28
Naphthalene	< 300	ug/Kg	1/13/2021	20:28
Nitrobenzene	< 300	ug/Kg	1/13/2021	20:28
N-Nitroso-di-n-propylamine	< 300	ug/Kg	1/13/2021	20:28
N-Nitrosodiphenylamine	< 300	ug/Kg	1/13/2021	20:28
Pentachlorophenol	< 601	ug/Kg	1/13/2021	20:28
Phenanthrene	< 300	ug/Kg	1/13/2021	20:28
Phenol	< 300	ug/Kg	1/13/2021	20:28
Pyrene	< 300	ug/Kg	1/13/2021	20:28

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 240	ug/Kg		1/13/2021
Total Reported TICS	< 240	ug/Kg		1/13/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B6S1		
Lab Sample ID:	210161-06	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 318	ug/Kg		1/13/2021 20:57
1,2,4,5-Tetrachlorobenzene	< 318	ug/Kg		1/13/2021 20:57
1,2,4-Trichlorobenzene	< 318	ug/Kg		1/13/2021 20:57
1,2-Dichlorobenzene	< 318	ug/Kg		1/13/2021 20:57
1,3-Dichlorobenzene	< 318	ug/Kg		1/13/2021 20:57
1,4-Dichlorobenzene	< 318	ug/Kg		1/13/2021 20:57
2,2-Oxybis (1-chloropropane)	< 318	ug/Kg		1/13/2021 20:57
2,3,4,6-Tetrachlorophenol	< 318	ug/Kg		1/13/2021 20:57
2,4,5-Trichlorophenol	< 318	ug/Kg		1/13/2021 20:57
2,4,6-Trichlorophenol	< 318	ug/Kg		1/13/2021 20:57
2,4-Dichlorophenol	< 318	ug/Kg		1/13/2021 20:57
2,4-Dimethylphenol	< 318	ug/Kg		1/13/2021 20:57
2,4-Dinitrophenol	< 1270	ug/Kg		1/13/2021 20:57
2,4-Dinitrotoluene	< 318	ug/Kg		1/13/2021 20:57
2,6-Dinitrotoluene	< 318	ug/Kg		1/13/2021 20:57
2-Chloronaphthalene	< 318	ug/Kg		1/13/2021 20:57
2-Chlorophenol	< 318	ug/Kg		1/13/2021 20:57
2-Methylnapthalene	< 318	ug/Kg		1/13/2021 20:57
2-Methylphenol	< 318	ug/Kg		1/13/2021 20:57
2-Nitroaniline	< 318	ug/Kg		1/13/2021 20:57
2-Nitrophenol	< 318	ug/Kg		1/13/2021 20:57
3&4-Methylphenol	< 318	ug/Kg		1/13/2021 20:57
3,3'-Dichlorobenzidine	< 318	ug/Kg		1/13/2021 20:57

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B6S1
Lab Sample ID: 210161-06 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 318		ug/Kg	1/13/2021	20:57
4,6-Dinitro-2-methylphenol	< 636		ug/Kg	1/13/2021	20:57
4-Bromophenyl phenyl ether	< 318		ug/Kg	1/13/2021	20:57
4-Chloro-3-methylphenol	< 318		ug/Kg	1/13/2021	20:57
4-Chloroaniline	< 318		ug/Kg	1/13/2021	20:57
4-Chlorophenyl phenyl ether	< 318		ug/Kg	1/13/2021	20:57
4-Nitroaniline	< 318		ug/Kg	1/13/2021	20:57
4-Nitrophenol	< 318		ug/Kg	1/13/2021	20:57
Acenaphthene	< 318		ug/Kg	1/13/2021	20:57
Acenaphthylene	< 318		ug/Kg	1/13/2021	20:57
Acetophenone	< 318		ug/Kg	1/13/2021	20:57
Anthracene	< 318		ug/Kg	1/13/2021	20:57
Atrazine	< 318	UJ	ug/Kg	1/13/2021	20:57
Benzaldehyde	< 318		ug/Kg	1/13/2021	20:57
Benzo (a) anthracene	< 318		ug/Kg	1/13/2021	20:57
Benzo (a) pyrene	< 318		ug/Kg	1/13/2021	20:57
Benzo (b) fluoranthene	< 318		ug/Kg	1/13/2021	20:57
Benzo (g,h,i) perylene	< 318		ug/Kg	1/13/2021	20:57
Benzo (k) fluoranthene	< 318		ug/Kg	1/13/2021	20:57
Bis (2-chloroethoxy) methane	< 318		ug/Kg	1/13/2021	20:57
Bis (2-chloroethyl) ether	< 318		ug/Kg	1/13/2021	20:57
Bis (2-ethylhexyl) phthalate	< 318		ug/Kg	1/13/2021	20:57
Butylbenzylphthalate	< 318		ug/Kg	1/13/2021	20:57
Caprolactam	< 318		ug/Kg	1/13/2021	20:57
Carbazole	< 318		ug/Kg	1/13/2021	20:57

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B6S1
Lab Sample ID: 210161-06 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Chrysene	< 318	ug/Kg	1/13/2021	20:57
Dibenz (a,h) anthracene	< 318	ug/Kg	1/13/2021	20:57
Dibenzofuran	< 318	ug/Kg	1/13/2021	20:57
Diethyl phthalate	< 318	ug/Kg	1/13/2021	20:57
Dimethyl phthalate	< 318	ug/Kg	1/13/2021	20:57
Di-n-butyl phthalate	< 318	ug/Kg	1/13/2021	20:57
Di-n-octylphthalate	< 318	ug/Kg	1/13/2021	20:57
Fluoranthene	< 318	ug/Kg	1/13/2021	20:57
Fluorene	< 318	ug/Kg	1/13/2021	20:57
Hexachlorobenzene	< 318	ug/Kg	1/13/2021	20:57
Hexachlorobutadiene	< 318	ug/Kg	1/13/2021	20:57
Hexachlorocyclopentadiene	< 1270	ug/Kg	1/13/2021	20:57
Hexachloroethane	< 318	ug/Kg	1/13/2021	20:57
Indeno (1,2,3-cd) pyrene	< 318	ug/Kg	1/13/2021	20:57
Isophorone	< 318	ug/Kg	1/13/2021	20:57
Naphthalene	< 318	ug/Kg	1/13/2021	20:57
Nitrobenzene	< 318	ug/Kg	1/13/2021	20:57
N-Nitroso-di-n-propylamine	< 318	ug/Kg	1/13/2021	20:57
N-Nitrosodiphenylamine	< 318	ug/Kg	1/13/2021	20:57
Pentachlorophenol	< 636	ug/Kg	1/13/2021	20:57
Phenanthrene	< 318	ug/Kg	1/13/2021	20:57
Phenol	< 318	ug/Kg	1/13/2021	20:57
Pyrene	< 318	ug/Kg	1/13/2021	20:57

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B6S1
Lab Sample ID: 210161-06
Matrix: Soil
Date Sampled: 1/7/2021
Date Received: 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	**506** J	ug/Kg		1/13/2021
Unknown	**446** J	ug/Kg		1/13/2021
Total Reported TICS	**952**	ug/Kg		1/13/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S1		
Lab Sample ID:	210161-07	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 291	ug/Kg		1/13/2021 21:27
1,2,4,5-Tetrachlorobenzene	< 291	ug/Kg		1/13/2021 21:27
1,2,4-Trichlorobenzene	< 291	ug/Kg		1/13/2021 21:27
1,2-Dichlorobenzene	< 291	ug/Kg		1/13/2021 21:27
1,3-Dichlorobenzene	< 291	ug/Kg		1/13/2021 21:27
1,4-Dichlorobenzene	< 291	ug/Kg		1/13/2021 21:27
2,2-Oxybis (1-chloropropane)	< 291	ug/Kg		1/13/2021 21:27
2,3,4,6-Tetrachlorophenol	< 291	ug/Kg		1/13/2021 21:27
2,4,5-Trichlorophenol	< 291	ug/Kg		1/13/2021 21:27
2,4,6-Trichlorophenol	< 291	ug/Kg		1/13/2021 21:27
2,4-Dichlorophenol	< 291	ug/Kg		1/13/2021 21:27
2,4-Dimethylphenol	< 291	ug/Kg		1/13/2021 21:27
2,4-Dinitrophenol	< 1170	ug/Kg		1/13/2021 21:27
2,4-Dinitrotoluene	< 291	ug/Kg		1/13/2021 21:27
2,6-Dinitrotoluene	< 291	ug/Kg		1/13/2021 21:27
2-Chloronaphthalene	< 291	ug/Kg		1/13/2021 21:27
2-Chlorophenol	< 291	ug/Kg		1/13/2021 21:27
2-Methylnapthalene	< 291	ug/Kg		1/13/2021 21:27
2-Methylphenol	< 291	ug/Kg		1/13/2021 21:27
2-Nitroaniline	< 291	ug/Kg		1/13/2021 21:27
2-Nitrophenol	< 291	ug/Kg		1/13/2021 21:27
3&4-Methylphenol	< 291	ug/Kg		1/13/2021 21:27
3,3'-Dichlorobenzidine	< 291	ug/Kg		1/13/2021 21:27

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B7S1
Lab Sample ID: 210161-07 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 291		ug/Kg	1/13/2021	21:27
4,6-Dinitro-2-methylphenol	< 583		ug/Kg	1/13/2021	21:27
4-Bromophenyl phenyl ether	< 291		ug/Kg	1/13/2021	21:27
4-Chloro-3-methylphenol	< 291		ug/Kg	1/13/2021	21:27
4-Chloroaniline	< 291		ug/Kg	1/13/2021	21:27
4-Chlorophenyl phenyl ether	< 291		ug/Kg	1/13/2021	21:27
4-Nitroaniline	< 291		ug/Kg	1/13/2021	21:27
4-Nitrophenol	< 291		ug/Kg	1/13/2021	21:27
Acenaphthene	< 291		ug/Kg	1/13/2021	21:27
Acenaphthylene	< 291		ug/Kg	1/13/2021	21:27
Acetophenone	< 291		ug/Kg	1/13/2021	21:27
Anthracene	< 291		ug/Kg	1/13/2021	21:27
Atrazine	< 291	UJ	ug/Kg	1/13/2021	21:27
Benzaldehyde	< 291		ug/Kg	1/13/2021	21:27
Benzo (a) anthracene	< 291		ug/Kg	1/13/2021	21:27
Benzo (a) pyrene	< 291		ug/Kg	1/13/2021	21:27
Benzo (b) fluoranthene	< 291		ug/Kg	1/13/2021	21:27
Benzo (g,h,i) perylene	< 291		ug/Kg	1/13/2021	21:27
Benzo (k) fluoranthene	< 291		ug/Kg	1/13/2021	21:27
Bis (2-chloroethoxy) methane	< 291		ug/Kg	1/13/2021	21:27
Bis (2-chloroethyl) ether	< 291		ug/Kg	1/13/2021	21:27
Bis (2-ethylhexyl) phthalate	< 291		ug/Kg	1/13/2021	21:27
Butylbenzylphthalate	< 291		ug/Kg	1/13/2021	21:27
Caprolactam	< 291		ug/Kg	1/13/2021	21:27
Carbazole	< 291		ug/Kg	1/13/2021	21:27

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S1		
Lab Sample ID:	210161-07	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 291	ug/Kg	1/13/2021	21:27
Dibenz (a,h) anthracene	< 291	ug/Kg	1/13/2021	21:27
Dibenzofuran	< 291	ug/Kg	1/13/2021	21:27
Diethyl phthalate	< 291	ug/Kg	1/13/2021	21:27
Dimethyl phthalate	< 291	ug/Kg	1/13/2021	21:27
Di-n-butyl phthalate	< 291	ug/Kg	1/13/2021	21:27
Di-n-octylphthalate	< 291	ug/Kg	1/13/2021	21:27
Fluoranthene	< 291	ug/Kg	1/13/2021	21:27
Fluorene	< 291	ug/Kg	1/13/2021	21:27
Hexachlorobenzene	< 291	ug/Kg	1/13/2021	21:27
Hexachlorobutadiene	< 291	ug/Kg	1/13/2021	21:27
Hexachlorocyclopentadiene	< 1170	ug/Kg	1/13/2021	21:27
Hexachloroethane	< 291	ug/Kg	1/13/2021	21:27
Indeno (1,2,3-cd) pyrene	< 291	ug/Kg	1/13/2021	21:27
Isophorone	< 291	ug/Kg	1/13/2021	21:27
Naphthalene	< 291	ug/Kg	1/13/2021	21:27
Nitrobenzene	< 291	ug/Kg	1/13/2021	21:27
N-Nitroso-di-n-propylamine	< 291	ug/Kg	1/13/2021	21:27
N-Nitrosodiphenylamine	< 291	ug/Kg	1/13/2021	21:27
Pentachlorophenol	< 583	ug/Kg	1/13/2021	21:27
Phenanthrene	< 291	ug/Kg	1/13/2021	21:27
Phenol	< 291	ug/Kg	1/13/2021	21:27
Pyrene	< 291	ug/Kg	1/13/2021	21:27

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B7S1
Lab Sample ID: 210161-07
Matrix: Soil
Date Sampled: 1/7/2021
Date Received: 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	**485**	ug/Kg	J	1/13/2021
Total Reported TICS	**485**	ug/Kg		1/13/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S10		
Lab Sample ID:	210161-08	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 311	ug/Kg		1/13/2021 21:56
1,2,4,5-Tetrachlorobenzene	< 311	ug/Kg		1/13/2021 21:56
1,2,4-Trichlorobenzene	< 311	ug/Kg		1/13/2021 21:56
1,2-Dichlorobenzene	< 311	ug/Kg		1/13/2021 21:56
1,3-Dichlorobenzene	< 311	ug/Kg		1/13/2021 21:56
1,4-Dichlorobenzene	< 311	ug/Kg		1/13/2021 21:56
2,2-Oxybis (1-chloropropane)	< 311	ug/Kg		1/13/2021 21:56
2,3,4,6-Tetrachlorophenol	< 311	ug/Kg		1/13/2021 21:56
2,4,5-Trichlorophenol	< 311	ug/Kg		1/13/2021 21:56
2,4,6-Trichlorophenol	< 311	ug/Kg		1/13/2021 21:56
2,4-Dichlorophenol	< 311	ug/Kg		1/13/2021 21:56
2,4-Dimethylphenol	< 311	ug/Kg		1/13/2021 21:56
2,4-Dinitrophenol	< 1240	ug/Kg		1/13/2021 21:56
2,4-Dinitrotoluene	< 311	ug/Kg		1/13/2021 21:56
2,6-Dinitrotoluene	< 311	ug/Kg		1/13/2021 21:56
2-Chloronaphthalene	< 311	ug/Kg		1/13/2021 21:56
2-Chlorophenol	< 311	ug/Kg		1/13/2021 21:56
2-Methylnapthalene	< 311	ug/Kg		1/13/2021 21:56
2-Methylphenol	< 311	ug/Kg		1/13/2021 21:56
2-Nitroaniline	< 311	ug/Kg		1/13/2021 21:56
2-Nitrophenol	< 311	ug/Kg		1/13/2021 21:56
3&4-Methylphenol	< 311	ug/Kg		1/13/2021 21:56
3,3'-Dichlorobenzidine	< 311	ug/Kg		1/13/2021 21:56

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S10		
Lab Sample ID:	210161-08	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

3-Nitroaniline	< 311	ug/Kg		1/13/2021	21:56
4,6-Dinitro-2-methylphenol	< 621	ug/Kg		1/13/2021	21:56
4-Bromophenyl phenyl ether	< 311	ug/Kg		1/13/2021	21:56
4-Chloro-3-methylphenol	< 311	ug/Kg		1/13/2021	21:56
4-Chloroaniline	< 311	ug/Kg		1/13/2021	21:56
4-Chlorophenyl phenyl ether	< 311	ug/Kg		1/13/2021	21:56
4-Nitroaniline	< 311	ug/Kg		1/13/2021	21:56
4-Nitrophenol	< 311	ug/Kg		1/13/2021	21:56
Acenaphthene	< 311	ug/Kg		1/13/2021	21:56
Acenaphthylene	< 311	ug/Kg		1/13/2021	21:56
Acetophenone	< 311	ug/Kg		1/13/2021	21:56
Anthracene	< 311	ug/Kg		1/13/2021	21:56
Atrazine	< 311 UJ	ug/Kg		1/13/2021	21:56
Benzaldehyde	< 311	ug/Kg		1/13/2021	21:56
Benzo (a) anthracene	**167**	ug/Kg	J	1/13/2021	21:56
Benzo (a) pyrene	**157**	ug/Kg	J	1/13/2021	21:56
Benzo (b) fluoranthene	< 311	ug/Kg		1/13/2021	21:56
Benzo (g,h,i) perylene	< 311	ug/Kg		1/13/2021	21:56
Benzo (k) fluoranthene	< 311	ug/Kg		1/13/2021	21:56
Bis (2-chloroethoxy) methane	< 311	ug/Kg		1/13/2021	21:56
Bis (2-chloroethyl) ether	< 311	ug/Kg		1/13/2021	21:56
Bis (2-ethylhexyl) phthalate	< 311	ug/Kg		1/13/2021	21:56
Butylbenzylphthalate	< 311	ug/Kg		1/13/2021	21:56
Caprolactam	< 311	ug/Kg		1/13/2021	21:56
Carbazole	< 311	ug/Kg		1/13/2021	21:56

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S10		
Lab Sample ID:	210161-08	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 311	ug/Kg		1/13/2021	21:56
Dibenz (a,h) anthracene	< 311	ug/Kg		1/13/2021	21:56
Dibenzofuran	< 311	ug/Kg		1/13/2021	21:56
Diethyl phthalate	< 311	ug/Kg		1/13/2021	21:56
Dimethyl phthalate	< 311	ug/Kg		1/13/2021	21:56
Di-n-butyl phthalate	< 311	ug/Kg		1/13/2021	21:56
Di-n-octylphthalate	< 311	ug/Kg		1/13/2021	21:56
Fluoranthene	**298**	ug/Kg	J	1/13/2021	21:56
Fluorene	< 311	ug/Kg		1/13/2021	21:56
Hexachlorobenzene	< 311	ug/Kg		1/13/2021	21:56
Hexachlorobutadiene	< 311	ug/Kg		1/13/2021	21:56
Hexachlorocyclopentadiene	< 1240	ug/Kg		1/13/2021	21:56
Hexachloroethane	< 311	ug/Kg		1/13/2021	21:56
Indeno (1,2,3-cd) pyrene	< 311	ug/Kg		1/13/2021	21:56
Isophorone	< 311	ug/Kg		1/13/2021	21:56
Naphthalene	< 311	ug/Kg		1/13/2021	21:56
Nitrobenzene	< 311	ug/Kg		1/13/2021	21:56
N-Nitroso-di-n-propylamine	< 311	ug/Kg		1/13/2021	21:56
N-Nitrosodiphenylamine	< 311	ug/Kg		1/13/2021	21:56
Pentachlorophenol	< 621	ug/Kg		1/13/2021	21:56
Phenanthrene	< 311	ug/Kg		1/13/2021	21:56
Phenol	< 311	ug/Kg		1/13/2021	21:56
Pyrene	**248**	ug/Kg	J	1/13/2021	21:56

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S10		
Lab Sample ID:	210161-08	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	**542** J	ug/Kg		1/13/2021
Total Reported TICS	**542**	ug/Kg		1/13/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B8S1		
Lab Sample ID:	210161-09	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 306	ug/Kg		1/13/2021 22:26
1,2,4,5-Tetrachlorobenzene	< 306	ug/Kg		1/13/2021 22:26
1,2,4-Trichlorobenzene	< 306	ug/Kg		1/13/2021 22:26
1,2-Dichlorobenzene	< 306	ug/Kg		1/13/2021 22:26
1,3-Dichlorobenzene	< 306	ug/Kg		1/13/2021 22:26
1,4-Dichlorobenzene	< 306	ug/Kg		1/13/2021 22:26
2,2-Oxybis (1-chloropropane)	< 306	ug/Kg		1/13/2021 22:26
2,3,4,6-Tetrachlorophenol	< 306 UJ	ug/Kg	M	1/13/2021 22:26
2,4,5-Trichlorophenol	< 306	ug/Kg		1/13/2021 22:26
2,4,6-Trichlorophenol	< 306	ug/Kg		1/13/2021 22:26
2,4-Dichlorophenol	< 306	ug/Kg		1/13/2021 22:26
2,4-Dimethylphenol	< 306	ug/Kg		1/13/2021 22:26
2,4-Dinitrophenol	< 1220	ug/Kg		1/13/2021 22:26
2,4-Dinitrotoluene	< 306	ug/Kg		1/13/2021 22:26
2,6-Dinitrotoluene	< 306	ug/Kg		1/13/2021 22:26
2-Chloronaphthalene	< 306	ug/Kg		1/13/2021 22:26
2-Chlorophenol	< 306	ug/Kg		1/13/2021 22:26
2-Methylnapthalene	< 306	ug/Kg		1/13/2021 22:26
2-Methylphenol	< 306	ug/Kg		1/13/2021 22:26
2-Nitroaniline	< 306	ug/Kg		1/13/2021 22:26
2-Nitrophenol	< 306	ug/Kg		1/13/2021 22:26
3&4-Methylphenol	< 306	ug/Kg		1/13/2021 22:26
3,3'-Dichlorobenzidine	< 306	ug/Kg		1/13/2021 22:26

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B8S1
Lab Sample ID: 210161-09 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 306		ug/Kg	1/13/2021	22:26
4,6-Dinitro-2-methylphenol	< 612		ug/Kg	1/13/2021	22:26
4-Bromophenyl phenyl ether	< 306		ug/Kg	1/13/2021	22:26
4-Chloro-3-methylphenol	< 306		ug/Kg	1/13/2021	22:26
4-Chloroaniline	< 306		ug/Kg	1/13/2021	22:26
4-Chlorophenyl phenyl ether	< 306		ug/Kg	1/13/2021	22:26
4-Nitroaniline	< 306		ug/Kg	1/13/2021	22:26
4-Nitrophenol	< 306		ug/Kg	1/13/2021	22:26
Acenaphthene	< 306		ug/Kg	1/13/2021	22:26
Acenaphthylene	< 306		ug/Kg	1/13/2021	22:26
Acetophenone	< 306		ug/Kg	1/13/2021	22:26
Anthracene	< 306		ug/Kg	1/13/2021	22:26
Atrazine	< 306	UJ	ug/Kg	1/13/2021	22:26
Benzaldehyde	< 306		ug/Kg	1/13/2021	22:26
Benzo (a) anthracene	< 306		ug/Kg	1/13/2021	22:26
Benzo (a) pyrene	< 306		ug/Kg	1/13/2021	22:26
Benzo (b) fluoranthene	< 306		ug/Kg	1/13/2021	22:26
Benzo (g,h,i) perylene	< 306		ug/Kg	1/13/2021	22:26
Benzo (k) fluoranthene	< 306		ug/Kg	1/13/2021	22:26
Bis (2-chloroethoxy) methane	< 306		ug/Kg	1/13/2021	22:26
Bis (2-chloroethyl) ether	< 306		ug/Kg	1/13/2021	22:26
Bis (2-ethylhexyl) phthalate	< 306		ug/Kg	1/13/2021	22:26
Butylbenzylphthalate	< 306		ug/Kg	1/13/2021	22:26
Caprolactam	< 306		ug/Kg	1/13/2021	22:26
Carbazole	< 306		ug/Kg	1/13/2021	22:26

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B8S1
Lab Sample ID: 210161-09 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Chrysene	< 306	ug/Kg	1/13/2021	22:26
Dibenz (a,h) anthracene	< 306	ug/Kg	1/13/2021	22:26
Dibenzofuran	< 306	ug/Kg	1/13/2021	22:26
Diethyl phthalate	< 306	ug/Kg	1/13/2021	22:26
Dimethyl phthalate	< 306	ug/Kg	1/13/2021	22:26
Di-n-butyl phthalate	< 306	ug/Kg	1/13/2021	22:26
Di-n-octylphthalate	< 306	ug/Kg	1/13/2021	22:26
Fluoranthene	< 306	ug/Kg	1/13/2021	22:26
Fluorene	< 306	ug/Kg	1/13/2021	22:26
Hexachlorobenzene	< 306	ug/Kg	1/13/2021	22:26
Hexachlorobutadiene	< 306	ug/Kg	1/13/2021	22:26
Hexachlorocyclopentadiene	< 1220	ug/Kg	1/13/2021	22:26
Hexachloroethane	< 306	ug/Kg	1/13/2021	22:26
Indeno (1,2,3-cd) pyrene	< 306	ug/Kg	1/13/2021	22:26
Isophorone	< 306	ug/Kg	1/13/2021	22:26
Naphthalene	< 306	ug/Kg	1/13/2021	22:26
Nitrobenzene	< 306	ug/Kg	1/13/2021	22:26
N-Nitroso-di-n-propylamine	< 306	ug/Kg	1/13/2021	22:26
N-Nitrosodiphenylamine	< 306	ug/Kg	1/13/2021	22:26
Pentachlorophenol	< 612	ug/Kg	1/13/2021	22:26
Phenanthrene	< 306	ug/Kg	1/13/2021	22:26
Phenol	< 306	ug/Kg	1/13/2021	22:26
Pyrene	< 306	ug/Kg	1/13/2021	22:26

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B8S1
Lab Sample ID: 210161-09 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Benzeneacetic acid	**754** JN	ug/Kg		1/13/2021
Sulfur	**1390** JN	ug/Kg		1/13/2021
Unknown	**590** J	ug/Kg		1/13/2021
Total Reported TICS	**2740**	ug/Kg		1/13/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B9S1		
Lab Sample ID:	210161-10	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 328	ug/Kg		1/14/2021 04:21
1,2,4,5-Tetrachlorobenzene	< 328	ug/Kg		1/14/2021 04:21
1,2,4-Trichlorobenzene	< 328	ug/Kg		1/14/2021 04:21
1,2-Dichlorobenzene	< 328	ug/Kg		1/14/2021 04:21
1,3-Dichlorobenzene	< 328	ug/Kg		1/14/2021 04:21
1,4-Dichlorobenzene	< 328	ug/Kg		1/14/2021 04:21
2,2-Oxybis (1-chloropropane)	< 328	ug/Kg		1/14/2021 04:21
2,3,4,6-Tetrachlorophenol	< 328	ug/Kg		1/14/2021 04:21
2,4,5-Trichlorophenol	< 328	ug/Kg		1/14/2021 04:21
2,4,6-Trichlorophenol	< 328	ug/Kg		1/14/2021 04:21
2,4-Dichlorophenol	< 328	ug/Kg		1/14/2021 04:21
2,4-Dimethylphenol	< 328	ug/Kg		1/14/2021 04:21
2,4-Dinitrophenol	< 1310	ug/Kg		1/14/2021 04:21
2,4-Dinitrotoluene	< 328	ug/Kg		1/14/2021 04:21
2,6-Dinitrotoluene	< 328	ug/Kg		1/14/2021 04:21
2-Chloronaphthalene	< 328	ug/Kg		1/14/2021 04:21
2-Chlorophenol	< 328	ug/Kg		1/14/2021 04:21
2-Methylnapthalene	< 328	ug/Kg		1/14/2021 04:21
2-Methylphenol	< 328	ug/Kg		1/14/2021 04:21
2-Nitroaniline	< 328	ug/Kg		1/14/2021 04:21
2-Nitrophenol	< 328	ug/Kg		1/14/2021 04:21
3&4-Methylphenol	< 328	ug/Kg		1/14/2021 04:21
3,3'-Dichlorobenzidine	< 328	ug/Kg		1/14/2021 04:21

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B9S1
Lab Sample ID: 210161-10 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 328		ug/Kg	1/14/2021	04:21
4,6-Dinitro-2-methylphenol	< 657		ug/Kg	1/14/2021	04:21
4-Bromophenyl phenyl ether	< 328		ug/Kg	1/14/2021	04:21
4-Chloro-3-methylphenol	< 328		ug/Kg	1/14/2021	04:21
4-Chloroaniline	< 328		ug/Kg	1/14/2021	04:21
4-Chlorophenyl phenyl ether	< 328		ug/Kg	1/14/2021	04:21
4-Nitroaniline	< 328		ug/Kg	1/14/2021	04:21
4-Nitrophenol	< 328		ug/Kg	1/14/2021	04:21
Acenaphthene	< 328		ug/Kg	1/14/2021	04:21
Acenaphthylene	< 328		ug/Kg	1/14/2021	04:21
Acetophenone	< 328		ug/Kg	1/14/2021	04:21
Anthracene	< 328		ug/Kg	1/14/2021	04:21
Atrazine	< 328	UJ	ug/Kg	1/14/2021	04:21
Benzaldehyde	< 328		ug/Kg	1/14/2021	04:21
Benzo (a) anthracene	< 328		ug/Kg	1/14/2021	04:21
Benzo (a) pyrene	< 328		ug/Kg	1/14/2021	04:21
Benzo (b) fluoranthene	< 328		ug/Kg	1/14/2021	04:21
Benzo (g,h,i) perylene	< 328		ug/Kg	1/14/2021	04:21
Benzo (k) fluoranthene	< 328		ug/Kg	1/14/2021	04:21
Bis (2-chloroethoxy) methane	< 328		ug/Kg	1/14/2021	04:21
Bis (2-chloroethyl) ether	< 328		ug/Kg	1/14/2021	04:21
Bis (2-ethylhexyl) phthalate	< 328		ug/Kg	1/14/2021	04:21
Butylbenzylphthalate	< 328		ug/Kg	1/14/2021	04:21
Caprolactam	< 328		ug/Kg	1/14/2021	04:21
Carbazole	< 328		ug/Kg	1/14/2021	04:21

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B9S1
Lab Sample ID: 210161-10 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Chrysene	< 328	ug/Kg	1/14/2021	04:21
Dibenz (a,h) anthracene	< 328	ug/Kg	1/14/2021	04:21
Dibenzofuran	< 328	ug/Kg	1/14/2021	04:21
Diethyl phthalate	< 328	ug/Kg	1/14/2021	04:21
Dimethyl phthalate	< 328	ug/Kg	1/14/2021	04:21
Di-n-butyl phthalate	< 328	ug/Kg	1/14/2021	04:21
Di-n-octylphthalate	< 328	ug/Kg	1/14/2021	04:21
Fluoranthene	< 328	ug/Kg	1/14/2021	04:21
Fluorene	< 328	ug/Kg	1/14/2021	04:21
Hexachlorobenzene	< 328	ug/Kg	1/14/2021	04:21
Hexachlorobutadiene	< 328	ug/Kg	1/14/2021	04:21
Hexachlorocyclopentadiene	< 1310	ug/Kg	1/14/2021	04:21
Hexachloroethane	< 328	ug/Kg	1/14/2021	04:21
Indeno (1,2,3-cd) pyrene	< 328	ug/Kg	1/14/2021	04:21
Isophorone	< 328	ug/Kg	1/14/2021	04:21
Naphthalene	< 328	ug/Kg	1/14/2021	04:21
Nitrobenzene	< 328	ug/Kg	1/14/2021	04:21
N-Nitroso-di-n-propylamine	< 328	ug/Kg	1/14/2021	04:21
N-Nitrosodiphenylamine	< 328	ug/Kg	1/14/2021	04:21
Pentachlorophenol	< 657	ug/Kg	1/14/2021	04:21
Phenanthrene	< 328	ug/Kg	1/14/2021	04:21
Phenol	< 328	ug/Kg	1/14/2021	04:21
Pyrene	< 328	ug/Kg	1/14/2021	04:21

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B9S1
Lab Sample ID: 210161-10 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 263	ug/Kg		1/14/2021
Total Reported TICS	< 263	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 330	ug/Kg		1/14/2021 04:51
1,2,4,5-Tetrachlorobenzene	< 330	ug/Kg		1/14/2021 04:51
1,2,4-Trichlorobenzene	< 330	ug/Kg		1/14/2021 04:51
1,2-Dichlorobenzene	< 330	ug/Kg		1/14/2021 04:51
1,3-Dichlorobenzene	< 330	ug/Kg		1/14/2021 04:51
1,4-Dichlorobenzene	< 330	ug/Kg		1/14/2021 04:51
2,2-Oxybis (1-chloropropane)	< 330	ug/Kg		1/14/2021 04:51
2,3,4,6-Tetrachlorophenol	< 330	ug/Kg		1/14/2021 04:51
2,4,5-Trichlorophenol	< 330	ug/Kg		1/14/2021 04:51
2,4,6-Trichlorophenol	< 330	ug/Kg		1/14/2021 04:51
2,4-Dichlorophenol	< 330	ug/Kg		1/14/2021 04:51
2,4-Dimethylphenol	< 330	ug/Kg		1/14/2021 04:51
2,4-Dinitrophenol	< 1320	ug/Kg		1/14/2021 04:51
2,4-Dinitrotoluene	< 330	ug/Kg		1/14/2021 04:51
2,6-Dinitrotoluene	< 330	ug/Kg		1/14/2021 04:51
2-Chloronaphthalene	< 330	ug/Kg		1/14/2021 04:51
2-Chlorophenol	< 330	ug/Kg		1/14/2021 04:51
2-Methylnapthalene	< 330	ug/Kg		1/14/2021 04:51
2-Methylphenol	< 330	ug/Kg		1/14/2021 04:51
2-Nitroaniline	< 330	ug/Kg		1/14/2021 04:51
2-Nitrophenol	< 330	ug/Kg		1/14/2021 04:51
3&4-Methylphenol	< 330	ug/Kg		1/14/2021 04:51
3,3'-Dichlorobenzidine	< 330	ug/Kg		1/14/2021 04:51

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

3-Nitroaniline	< 330		ug/Kg		1/14/2021	04:51
4,6-Dinitro-2-methylphenol	< 660		ug/Kg		1/14/2021	04:51
4-Bromophenyl phenyl ether	< 330		ug/Kg		1/14/2021	04:51
4-Chloro-3-methylphenol	< 330		ug/Kg		1/14/2021	04:51
4-Chloroaniline	< 330		ug/Kg		1/14/2021	04:51
4-Chlorophenyl phenyl ether	< 330		ug/Kg		1/14/2021	04:51
4-Nitroaniline	< 330		ug/Kg		1/14/2021	04:51
4-Nitrophenol	< 330		ug/Kg		1/14/2021	04:51
Acenaphthene	< 330		ug/Kg		1/14/2021	04:51
Acenaphthylene	< 330		ug/Kg		1/14/2021	04:51
Acetophenone	< 330		ug/Kg		1/14/2021	04:51
Anthracene	< 330		ug/Kg		1/14/2021	04:51
Atrazine	< 330	UJ	ug/Kg		1/14/2021	04:51
Benzaldehyde	< 330		ug/Kg		1/14/2021	04:51
Benzo (a) anthracene	**180**		ug/Kg	J	1/14/2021	04:51
Benzo (a) pyrene	< 330		ug/Kg		1/14/2021	04:51
Benzo (b) fluoranthene	< 330		ug/Kg		1/14/2021	04:51
Benzo (g,h,i) perylene	< 330		ug/Kg		1/14/2021	04:51
Benzo (k) fluoranthene	< 330		ug/Kg		1/14/2021	04:51
Bis (2-chloroethoxy) methane	< 330		ug/Kg		1/14/2021	04:51
Bis (2-chloroethyl) ether	< 330		ug/Kg		1/14/2021	04:51
Bis (2-ethylhexyl) phthalate	< 330		ug/Kg		1/14/2021	04:51
Butylbenzylphthalate	< 330		ug/Kg		1/14/2021	04:51
Caprolactam	< 330		ug/Kg		1/14/2021	04:51
Carbazole	< 330		ug/Kg		1/14/2021	04:51

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 330	ug/Kg		1/14/2021	04:51
Dibenz (a,h) anthracene	< 330	ug/Kg		1/14/2021	04:51
Dibenzofuran	< 330	ug/Kg		1/14/2021	04:51
Diethyl phthalate	< 330	ug/Kg		1/14/2021	04:51
Dimethyl phthalate	< 330	ug/Kg		1/14/2021	04:51
Di-n-butyl phthalate	< 330	ug/Kg		1/14/2021	04:51
Di-n-octylphthalate	< 330	ug/Kg		1/14/2021	04:51
Fluoranthene	**317**	ug/Kg	J	1/14/2021	04:51
Fluorene	< 330	ug/Kg		1/14/2021	04:51
Hexachlorobenzene	< 330	ug/Kg		1/14/2021	04:51
Hexachlorobutadiene	< 330	ug/Kg		1/14/2021	04:51
Hexachlorocyclopentadiene	< 1320	ug/Kg		1/14/2021	04:51
Hexachloroethane	< 330	ug/Kg		1/14/2021	04:51
Indeno (1,2,3-cd) pyrene	< 330	ug/Kg		1/14/2021	04:51
Isophorone	< 330	ug/Kg		1/14/2021	04:51
Naphthalene	< 330	ug/Kg		1/14/2021	04:51
Nitrobenzene	< 330	ug/Kg		1/14/2021	04:51
N-Nitroso-di-n-propylamine	< 330	ug/Kg		1/14/2021	04:51
N-Nitrosodiphenylamine	< 330	ug/Kg		1/14/2021	04:51
Pentachlorophenol	< 660	ug/Kg		1/14/2021	04:51
Phenanthrene	**214**	ug/Kg	J	1/14/2021	04:51
Phenol	< 330	ug/Kg		1/14/2021	04:51
Pyrene	**226**	ug/Kg	J	1/14/2021	04:51

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown Alkane	**398** J	ug/Kg		1/14/2021
Unknown Alkene	**356** J	ug/Kg		1/14/2021
Unknown Alkane	**346** J	ug/Kg		1/14/2021
Total Reported TICS	**1100**	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B11S1		
Lab Sample ID:	210161-12	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 332	ug/Kg		1/14/2021 05:21
1,2,4,5-Tetrachlorobenzene	< 332	ug/Kg		1/14/2021 05:21
1,2,4-Trichlorobenzene	< 332	ug/Kg		1/14/2021 05:21
1,2-Dichlorobenzene	< 332	ug/Kg		1/14/2021 05:21
1,3-Dichlorobenzene	< 332	ug/Kg		1/14/2021 05:21
1,4-Dichlorobenzene	< 332	ug/Kg		1/14/2021 05:21
2,2-Oxybis (1-chloropropane)	< 332	ug/Kg		1/14/2021 05:21
2,3,4,6-Tetrachlorophenol	< 332	ug/Kg		1/14/2021 05:21
2,4,5-Trichlorophenol	< 332	ug/Kg		1/14/2021 05:21
2,4,6-Trichlorophenol	< 332	ug/Kg		1/14/2021 05:21
2,4-Dichlorophenol	< 332	ug/Kg		1/14/2021 05:21
2,4-Dimethylphenol	< 332	ug/Kg		1/14/2021 05:21
2,4-Dinitrophenol	< 1330	ug/Kg		1/14/2021 05:21
2,4-Dinitrotoluene	< 332	ug/Kg		1/14/2021 05:21
2,6-Dinitrotoluene	< 332	ug/Kg		1/14/2021 05:21
2-Chloronaphthalene	< 332	ug/Kg		1/14/2021 05:21
2-Chlorophenol	< 332	ug/Kg		1/14/2021 05:21
2-Methylnapthalene	**340**	ug/Kg		1/14/2021 05:21
2-Methylphenol	< 332	ug/Kg		1/14/2021 05:21
2-Nitroaniline	< 332	ug/Kg		1/14/2021 05:21
2-Nitrophenol	< 332	ug/Kg		1/14/2021 05:21
3&4-Methylphenol	< 332	ug/Kg		1/14/2021 05:21
3,3'-Dichlorobenzidine	< 332	ug/Kg		1/14/2021 05:21

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B11S1
Lab Sample ID: 210161-12 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 332		ug/Kg	1/14/2021	05:21
4,6-Dinitro-2-methylphenol	< 664		ug/Kg	1/14/2021	05:21
4-Bromophenyl phenyl ether	< 332		ug/Kg	1/14/2021	05:21
4-Chloro-3-methylphenol	< 332		ug/Kg	1/14/2021	05:21
4-Chloroaniline	< 332		ug/Kg	1/14/2021	05:21
4-Chlorophenyl phenyl ether	< 332		ug/Kg	1/14/2021	05:21
4-Nitroaniline	< 332		ug/Kg	1/14/2021	05:21
4-Nitrophenol	< 332		ug/Kg	1/14/2021	05:21
Acenaphthene	**990**		ug/Kg	1/14/2021	05:21
Acenaphthylene	< 332		ug/Kg	1/14/2021	05:21
Acetophenone	< 332		ug/Kg	1/14/2021	05:21
Anthracene	**2620**		ug/Kg	1/14/2021	05:21
Atrazine	< 332	UJ	ug/Kg	1/14/2021	05:21
Benzaldehyde	< 332		ug/Kg	1/14/2021	05:21
Benzo (a) anthracene	**5680**		ug/Kg	1/14/2021	05:21
Benzo (a) pyrene	**3720**		ug/Kg	1/14/2021	05:21
Benzo (b) fluoranthene	**3030**		ug/Kg	1/14/2021	05:21
Benzo (g,h,i) perylene	**1890**		ug/Kg	1/14/2021	05:21
Benzo (k) fluoranthene	**2780**		ug/Kg	1/14/2021	05:21
Bis (2-chloroethoxy) methane	< 332		ug/Kg	1/14/2021	05:21
Bis (2-chloroethyl) ether	< 332		ug/Kg	1/14/2021	05:21
Bis (2-ethylhexyl) phthalate	< 332		ug/Kg	1/14/2021	05:21
Butylbenzylphthalate	< 332		ug/Kg	1/14/2021	05:21
Caprolactam	< 332		ug/Kg	1/14/2021	05:21
Carbazole	**1590**		ug/Kg	1/14/2021	05:21

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B11S1		
Lab Sample ID:	210161-12	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	**3480**	ug/Kg	1/14/2021	05:21
Dibenz (a,h) anthracene	**767**	ug/Kg	1/14/2021	05:21
Dibenzofuran	**766**	ug/Kg	1/14/2021	05:21
Diethyl phthalate	< 332	ug/Kg	1/14/2021	05:21
Dimethyl phthalate	< 332	ug/Kg	1/14/2021	05:21
Di-n-butyl phthalate	< 332	ug/Kg	1/14/2021	05:21
Di-n-octylphthalate	< 332	ug/Kg	1/14/2021	05:21
Fluoranthene	**12000**	ug/Kg	1/14/2021	05:21
Fluorene	**1120**	ug/Kg	1/14/2021	05:21
Hexachlorobenzene	< 332	ug/Kg	1/14/2021	05:21
Hexachlorobutadiene	< 332	ug/Kg	1/14/2021	05:21
Hexachlorocyclopentadiene	< 1330	ug/Kg	1/14/2021	05:21
Hexachloroethane	< 332	ug/Kg	1/14/2021	05:21
Indeno (1,2,3-cd) pyrene	**2040**	ug/Kg	1/14/2021	05:21
Isophorone	< 332	ug/Kg	1/14/2021	05:21
Naphthalene	**932**	ug/Kg	1/14/2021	05:21
Nitrobenzene	< 332	ug/Kg	1/14/2021	05:21
N-Nitroso-di-n-propylamine	< 332	ug/Kg	1/14/2021	05:21
N-Nitrosodiphenylamine	< 332	ug/Kg	1/14/2021	05:21
Pentachlorophenol	< 664	ug/Kg	1/14/2021	05:21
Phenanthrene	**9200**	ug/Kg	1/14/2021	05:21
Phenol	< 332	ug/Kg	1/14/2021	05:21
Pyrene	**6890**	ug/Kg	1/14/2021	05:21

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B11S1
Lab Sample ID: 210161-12
Matrix: Soil

Date Sampled: 1/7/2021
Date Received: 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result		Units	Qualifier	Date Analyzed
Unknown PAH	**902**	J	ug/Kg		1/14/2021
Unknown PAH	**1250**		ug/Kg		1/14/2021
Unknown PAH	**2080**		ug/Kg		1/14/2021
Unknown PAH	**803**		ug/Kg		1/14/2021
Unknown	**1330**		ug/Kg		1/14/2021
Sulfur	**3640**		ug/Kg		1/14/2021
Unknown PAH	**912**		ug/Kg		1/14/2021
Unknown PAH	**1790**		ug/Kg		1/14/2021
Unknown PAH	**938**		ug/Kg		1/14/2021
Unknown Ketone	**919**		ug/Kg		1/14/2021
Unknown PAH	**1070**		ug/Kg		1/14/2021
Unknown Ketone	**1030**		ug/Kg		1/14/2021
Unknown	**870**		ug/Kg		1/14/2021
Unknown Carbazole	**1280**		ug/Kg		1/14/2021
Unknown PAH	**1460**		ug/Kg		1/14/2021
Unknown PAH	**968**		ug/Kg		1/14/2021
Unknown PAH	**2010**		ug/Kg		1/14/2021
Unknown	**908**		ug/Kg		1/14/2021
Unknown PAH	**875**		ug/Kg		1/14/2021
Total Reported TICS	**25000**		ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B12S1		
Lab Sample ID:	210161-13	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 352	ug/Kg		1/14/2021 05:50
1,2,4,5-Tetrachlorobenzene	< 352	ug/Kg		1/14/2021 05:50
1,2,4-Trichlorobenzene	< 352	ug/Kg		1/14/2021 05:50
1,2-Dichlorobenzene	< 352	ug/Kg		1/14/2021 05:50
1,3-Dichlorobenzene	< 352	ug/Kg		1/14/2021 05:50
1,4-Dichlorobenzene	< 352	ug/Kg		1/14/2021 05:50
2,2-Oxybis (1-chloropropane)	< 352	ug/Kg		1/14/2021 05:50
2,3,4,6-Tetrachlorophenol	< 352	ug/Kg		1/14/2021 05:50
2,4,5-Trichlorophenol	< 352	ug/Kg		1/14/2021 05:50
2,4,6-Trichlorophenol	< 352	ug/Kg		1/14/2021 05:50
2,4-Dichlorophenol	< 352	ug/Kg		1/14/2021 05:50
2,4-Dimethylphenol	< 352	ug/Kg		1/14/2021 05:50
2,4-Dinitrophenol	< 1410	ug/Kg		1/14/2021 05:50
2,4-Dinitrotoluene	< 352	ug/Kg		1/14/2021 05:50
2,6-Dinitrotoluene	< 352	ug/Kg		1/14/2021 05:50
2-Chloronaphthalene	< 352	ug/Kg		1/14/2021 05:50
2-Chlorophenol	< 352	ug/Kg		1/14/2021 05:50
2-Methylnapthalene	< 352	ug/Kg		1/14/2021 05:50
2-Methylphenol	< 352	ug/Kg		1/14/2021 05:50
2-Nitroaniline	< 352	ug/Kg		1/14/2021 05:50
2-Nitrophenol	< 352	ug/Kg		1/14/2021 05:50
3&4-Methylphenol	< 352	ug/Kg		1/14/2021 05:50
3,3'-Dichlorobenzidine	< 352	ug/Kg		1/14/2021 05:50

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B12S1
Lab Sample ID: 210161-13 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 352		ug/Kg	1/14/2021 05:50
4,6-Dinitro-2-methylphenol	< 704		ug/Kg	1/14/2021 05:50
4-Bromophenyl phenyl ether	< 352		ug/Kg	1/14/2021 05:50
4-Chloro-3-methylphenol	< 352		ug/Kg	1/14/2021 05:50
4-Chloroaniline	< 352		ug/Kg	1/14/2021 05:50
4-Chlorophenyl phenyl ether	< 352		ug/Kg	1/14/2021 05:50
4-Nitroaniline	< 352		ug/Kg	1/14/2021 05:50
4-Nitrophenol	< 352		ug/Kg	1/14/2021 05:50
Acenaphthene	< 352		ug/Kg	1/14/2021 05:50
Acenaphthylene	< 352		ug/Kg	1/14/2021 05:50
Acetophenone	< 352		ug/Kg	1/14/2021 05:50
Anthracene	< 352		ug/Kg	1/14/2021 05:50
Atrazine	< 352	UJ	ug/Kg	1/14/2021 05:50
Benzaldehyde	< 352		ug/Kg	1/14/2021 05:50
Benzo (a) anthracene	< 352		ug/Kg	1/14/2021 05:50
Benzo (a) pyrene	< 352		ug/Kg	1/14/2021 05:50
Benzo (b) fluoranthene	< 352		ug/Kg	1/14/2021 05:50
Benzo (g,h,i) perylene	< 352		ug/Kg	1/14/2021 05:50
Benzo (k) fluoranthene	< 352		ug/Kg	1/14/2021 05:50
Bis (2-chloroethoxy) methane	< 352		ug/Kg	1/14/2021 05:50
Bis (2-chloroethyl) ether	< 352		ug/Kg	1/14/2021 05:50
Bis (2-ethylhexyl) phthalate	< 352		ug/Kg	1/14/2021 05:50
Butylbenzylphthalate	< 352		ug/Kg	1/14/2021 05:50
Caprolactam	< 352		ug/Kg	1/14/2021 05:50
Carbazole	< 352		ug/Kg	1/14/2021 05:50

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B12S1		
Lab Sample ID:	210161-13	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 352	ug/Kg	1/14/2021	05:50
Dibenz (a,h) anthracene	< 352	ug/Kg	1/14/2021	05:50
Dibenzofuran	< 352	ug/Kg	1/14/2021	05:50
Diethyl phthalate	< 352	ug/Kg	1/14/2021	05:50
Dimethyl phthalate	< 352	ug/Kg	1/14/2021	05:50
Di-n-butyl phthalate	< 352	ug/Kg	1/14/2021	05:50
Di-n-octylphthalate	< 352	ug/Kg	1/14/2021	05:50
Fluoranthene	< 352	ug/Kg	1/14/2021	05:50
Fluorene	< 352	ug/Kg	1/14/2021	05:50
Hexachlorobenzene	< 352	ug/Kg	1/14/2021	05:50
Hexachlorobutadiene	< 352	ug/Kg	1/14/2021	05:50
Hexachlorocyclopentadiene	< 1410	ug/Kg	1/14/2021	05:50
Hexachloroethane	< 352	ug/Kg	1/14/2021	05:50
Indeno (1,2,3-cd) pyrene	< 352	ug/Kg	1/14/2021	05:50
Isophorone	< 352	ug/Kg	1/14/2021	05:50
Naphthalene	< 352	ug/Kg	1/14/2021	05:50
Nitrobenzene	< 352	ug/Kg	1/14/2021	05:50
N-Nitroso-di-n-propylamine	< 352	ug/Kg	1/14/2021	05:50
N-Nitrosodiphenylamine	< 352	ug/Kg	1/14/2021	05:50
Pentachlorophenol	< 704	ug/Kg	1/14/2021	05:50
Phenanthrene	< 352	ug/Kg	1/14/2021	05:50
Phenol	< 352	ug/Kg	1/14/2021	05:50
Pyrene	< 352	ug/Kg	1/14/2021	05:50

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B12S1
Lab Sample ID: 210161-13
Matrix: Soil
Date Sampled: 1/7/2021
Date Received: 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Sulfur	**3320** JN	ug/Kg		1/14/2021
Unknown	**336** J	ug/Kg		1/14/2021
Unknown	**320** J	ug/Kg		1/14/2021
Unknown PAH	**388** J	ug/Kg		1/14/2021
Unknown	**374** J	ug/Kg		1/14/2021
Unknown	**355** J	ug/Kg		1/14/2021
Total Reported TICS	**5100**	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B13S1		
Lab Sample ID:	210161-14	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 304	ug/Kg		1/14/2021 06:20
1,2,4,5-Tetrachlorobenzene	< 304	ug/Kg		1/14/2021 06:20
1,2,4-Trichlorobenzene	< 304	ug/Kg		1/14/2021 06:20
1,2-Dichlorobenzene	< 304	ug/Kg		1/14/2021 06:20
1,3-Dichlorobenzene	< 304	ug/Kg		1/14/2021 06:20
1,4-Dichlorobenzene	< 304	ug/Kg		1/14/2021 06:20
2,2-Oxybis (1-chloropropane)	< 304	ug/Kg		1/14/2021 06:20
2,3,4,6-Tetrachlorophenol	< 304	ug/Kg		1/14/2021 06:20
2,4,5-Trichlorophenol	< 304	ug/Kg		1/14/2021 06:20
2,4,6-Trichlorophenol	< 304	ug/Kg		1/14/2021 06:20
2,4-Dichlorophenol	< 304	ug/Kg		1/14/2021 06:20
2,4-Dimethylphenol	< 304	ug/Kg		1/14/2021 06:20
2,4-Dinitrophenol	< 1220	ug/Kg		1/14/2021 06:20
2,4-Dinitrotoluene	< 304	ug/Kg		1/14/2021 06:20
2,6-Dinitrotoluene	< 304	ug/Kg		1/14/2021 06:20
2-Chloronaphthalene	< 304	ug/Kg		1/14/2021 06:20
2-Chlorophenol	< 304	ug/Kg		1/14/2021 06:20
2-Methylnapthalene	< 304	ug/Kg		1/14/2021 06:20
2-Methylphenol	< 304	ug/Kg		1/14/2021 06:20
2-Nitroaniline	< 304	ug/Kg		1/14/2021 06:20
2-Nitrophenol	< 304	ug/Kg		1/14/2021 06:20
3&4-Methylphenol	< 304	ug/Kg		1/14/2021 06:20
3,3'-Dichlorobenzidine	< 304	ug/Kg		1/14/2021 06:20

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B13S1
Lab Sample ID: 210161-14 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 304	ug/Kg	1/14/2021	06:20
4,6-Dinitro-2-methylphenol	< 608	ug/Kg	1/14/2021	06:20
4-Bromophenyl phenyl ether	< 304	ug/Kg	1/14/2021	06:20
4-Chloro-3-methylphenol	< 304	ug/Kg	1/14/2021	06:20
4-Chloroaniline	< 304	ug/Kg	1/14/2021	06:20
4-Chlorophenyl phenyl ether	< 304	ug/Kg	1/14/2021	06:20
4-Nitroaniline	< 304	ug/Kg	1/14/2021	06:20
4-Nitrophenol	< 304	ug/Kg	1/14/2021	06:20
Acenaphthene	< 304	ug/Kg	1/14/2021	06:20
Acenaphthylene	< 304	ug/Kg	1/14/2021	06:20
Acetophenone	< 304	ug/Kg	1/14/2021	06:20
Anthracene	< 304	ug/Kg	1/14/2021	06:20
Atrazine	< 304 UJ	ug/Kg	1/14/2021	06:20
Benzaldehyde	< 304	ug/Kg	1/14/2021	06:20
Benzo (a) anthracene	< 304	ug/Kg	1/14/2021	06:20
Benzo (a) pyrene	< 304	ug/Kg	1/14/2021	06:20
Benzo (b) fluoranthene	< 304	ug/Kg	1/14/2021	06:20
Benzo (g,h,i) perylene	< 304	ug/Kg	1/14/2021	06:20
Benzo (k) fluoranthene	< 304	ug/Kg	1/14/2021	06:20
Bis (2-chloroethoxy) methane	< 304	ug/Kg	1/14/2021	06:20
Bis (2-chloroethyl) ether	< 304	ug/Kg	1/14/2021	06:20
Bis (2-ethylhexyl) phthalate	< 304	ug/Kg	1/14/2021	06:20
Butylbenzylphthalate	< 304	ug/Kg	1/14/2021	06:20
Caprolactam	< 304	ug/Kg	1/14/2021	06:20
Carbazole	< 304	ug/Kg	1/14/2021	06:20

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Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B13S1		
Lab Sample ID:	210161-14	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 304	ug/Kg	1/14/2021	06:20
Dibenz (a,h) anthracene	< 304	ug/Kg	1/14/2021	06:20
Dibenzofuran	< 304	ug/Kg	1/14/2021	06:20
Diethyl phthalate	< 304	ug/Kg	1/14/2021	06:20
Dimethyl phthalate	< 304	ug/Kg	1/14/2021	06:20
Di-n-butyl phthalate	< 304	ug/Kg	1/14/2021	06:20
Di-n-octylphthalate	< 304	ug/Kg	1/14/2021	06:20
Fluoranthene	< 304	ug/Kg	1/14/2021	06:20
Fluorene	< 304	ug/Kg	1/14/2021	06:20
Hexachlorobenzene	< 304	ug/Kg	1/14/2021	06:20
Hexachlorobutadiene	< 304	ug/Kg	1/14/2021	06:20
Hexachlorocyclopentadiene	< 1220	ug/Kg	1/14/2021	06:20
Hexachloroethane	< 304	ug/Kg	1/14/2021	06:20
Indeno (1,2,3-cd) pyrene	< 304	ug/Kg	1/14/2021	06:20
Isophorone	< 304	ug/Kg	1/14/2021	06:20
Naphthalene	< 304	ug/Kg	1/14/2021	06:20
Nitrobenzene	< 304	ug/Kg	1/14/2021	06:20
N-Nitroso-di-n-propylamine	< 304	ug/Kg	1/14/2021	06:20
N-Nitrosodiphenylamine	< 304	ug/Kg	1/14/2021	06:20
Pentachlorophenol	< 608	ug/Kg	1/14/2021	06:20
Phenanthrene	< 304	ug/Kg	1/14/2021	06:20
Phenol	< 304	ug/Kg	1/14/2021	06:20
Pyrene	< 304	ug/Kg	1/14/2021	06:20

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B13S1		
Lab Sample ID:	210161-14	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 243	ug/Kg		1/14/2021
Total Reported TICS	< 243	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B14S1		
Lab Sample ID:	210161-15	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 315	ug/Kg		1/14/2021 06:49
1,2,4,5-Tetrachlorobenzene	< 315	ug/Kg		1/14/2021 06:49
1,2,4-Trichlorobenzene	< 315	ug/Kg		1/14/2021 06:49
1,2-Dichlorobenzene	< 315	ug/Kg		1/14/2021 06:49
1,3-Dichlorobenzene	< 315	ug/Kg		1/14/2021 06:49
1,4-Dichlorobenzene	< 315	ug/Kg		1/14/2021 06:49
2,2-Oxybis (1-chloropropane)	< 315	ug/Kg		1/14/2021 06:49
2,3,4,6-Tetrachlorophenol	< 315	ug/Kg		1/14/2021 06:49
2,4,5-Trichlorophenol	< 315	ug/Kg		1/14/2021 06:49
2,4,6-Trichlorophenol	< 315	ug/Kg		1/14/2021 06:49
2,4-Dichlorophenol	< 315	ug/Kg		1/14/2021 06:49
2,4-Dimethylphenol	< 315	ug/Kg		1/14/2021 06:49
2,4-Dinitrophenol	< 1260	ug/Kg		1/14/2021 06:49
2,4-Dinitrotoluene	< 315	ug/Kg		1/14/2021 06:49
2,6-Dinitrotoluene	< 315	ug/Kg		1/14/2021 06:49
2-Chloronaphthalene	< 315	ug/Kg		1/14/2021 06:49
2-Chlorophenol	< 315	ug/Kg		1/14/2021 06:49
2-Methylnapthalene	< 315	ug/Kg		1/14/2021 06:49
2-Methylphenol	< 315	ug/Kg		1/14/2021 06:49
2-Nitroaniline	< 315	ug/Kg		1/14/2021 06:49
2-Nitrophenol	< 315	ug/Kg		1/14/2021 06:49
3&4-Methylphenol	< 315	ug/Kg		1/14/2021 06:49
3,3'-Dichlorobenzidine	< 315	ug/Kg		1/14/2021 06:49

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B14S1
Lab Sample ID: 210161-15 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 315		ug/Kg		1/14/2021	06:49
4,6-Dinitro-2-methylphenol	< 631		ug/Kg		1/14/2021	06:49
4-Bromophenyl phenyl ether	< 315		ug/Kg		1/14/2021	06:49
4-Chloro-3-methylphenol	< 315		ug/Kg		1/14/2021	06:49
4-Chloroaniline	< 315		ug/Kg		1/14/2021	06:49
4-Chlorophenyl phenyl ether	< 315		ug/Kg		1/14/2021	06:49
4-Nitroaniline	< 315		ug/Kg		1/14/2021	06:49
4-Nitrophenol	< 315		ug/Kg		1/14/2021	06:49
Acenaphthene	< 315		ug/Kg		1/14/2021	06:49
Acenaphthylene	< 315		ug/Kg		1/14/2021	06:49
Acetophenone	< 315		ug/Kg		1/14/2021	06:49
Anthracene	< 315		ug/Kg		1/14/2021	06:49
Atrazine	< 315	UJ	ug/Kg		1/14/2021	06:49
Benzaldehyde	< 315		ug/Kg		1/14/2021	06:49
Benzo (a) anthracene	**377**		ug/Kg		1/14/2021	06:49
Benzo (a) pyrene	**296**		ug/Kg	J	1/14/2021	06:49
Benzo (b) fluoranthene	**251**		ug/Kg	J	1/14/2021	06:49
Benzo (g,h,i) perylene	< 315		ug/Kg		1/14/2021	06:49
Benzo (k) fluoranthene	**223**		ug/Kg	J	1/14/2021	06:49
Bis (2-chloroethoxy) methane	< 315		ug/Kg		1/14/2021	06:49
Bis (2-chloroethyl) ether	< 315		ug/Kg		1/14/2021	06:49
Bis (2-ethylhexyl) phthalate	< 315		ug/Kg		1/14/2021	06:49
Butylbenzylphthalate	< 315		ug/Kg		1/14/2021	06:49
Caprolactam	< 315		ug/Kg		1/14/2021	06:49
Carbazole	< 315		ug/Kg		1/14/2021	06:49

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B14S1		
Lab Sample ID:	210161-15	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	**333**	ug/Kg	1/14/2021	06:49
Dibenz (a,h) anthracene	< 315	ug/Kg	1/14/2021	06:49
Dibenzofuran	< 315	ug/Kg	1/14/2021	06:49
Diethyl phthalate	< 315	ug/Kg	1/14/2021	06:49
Dimethyl phthalate	< 315	ug/Kg	1/14/2021	06:49
Di-n-butyl phthalate	< 315	ug/Kg	1/14/2021	06:49
Di-n-octylphthalate	< 315	ug/Kg	1/14/2021	06:49
Fluoranthene	**682**	ug/Kg	1/14/2021	06:49
Fluorene	< 315	ug/Kg	1/14/2021	06:49
Hexachlorobenzene	< 315	ug/Kg	1/14/2021	06:49
Hexachlorobutadiene	< 315	ug/Kg	1/14/2021	06:49
Hexachlorocyclopentadiene	< 1260	ug/Kg	1/14/2021	06:49
Hexachloroethane	< 315	ug/Kg	1/14/2021	06:49
Indeno (1,2,3-cd) pyrene	< 315	ug/Kg	1/14/2021	06:49
Isophorone	< 315	ug/Kg	1/14/2021	06:49
Naphthalene	< 315	ug/Kg	1/14/2021	06:49
Nitrobenzene	< 315	ug/Kg	1/14/2021	06:49
N-Nitroso-di-n-propylamine	< 315	ug/Kg	1/14/2021	06:49
N-Nitrosodiphenylamine	< 315	ug/Kg	1/14/2021	06:49
Pentachlorophenol	< 631	ug/Kg	1/14/2021	06:49
Phenanthrene	**486**	ug/Kg	1/14/2021	06:49
Phenol	< 315	ug/Kg	1/14/2021	06:49
Pyrene	**509**	ug/Kg	1/14/2021	06:49

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B14S1
Lab Sample ID: 210161-15
Matrix: Soil

Date Sampled: 1/8/2021
Date Received: 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result		Units	Qualifier	Date Analyzed
Unknown PAH	**331**	J	ug/Kg		1/14/2021
Total Reported TICS	**331**		ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B15S1		
Lab Sample ID:	210161-16	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 314	ug/Kg		1/14/2021 07:19
1,2,4,5-Tetrachlorobenzene	< 314	ug/Kg		1/14/2021 07:19
1,2,4-Trichlorobenzene	< 314	ug/Kg		1/14/2021 07:19
1,2-Dichlorobenzene	< 314	ug/Kg		1/14/2021 07:19
1,3-Dichlorobenzene	< 314	ug/Kg		1/14/2021 07:19
1,4-Dichlorobenzene	< 314	ug/Kg		1/14/2021 07:19
2,2-Oxybis (1-chloropropane)	< 314	ug/Kg		1/14/2021 07:19
2,3,4,6-Tetrachlorophenol	< 314	ug/Kg		1/14/2021 07:19
2,4,5-Trichlorophenol	< 314	ug/Kg		1/14/2021 07:19
2,4,6-Trichlorophenol	< 314	ug/Kg		1/14/2021 07:19
2,4-Dichlorophenol	< 314	ug/Kg		1/14/2021 07:19
2,4-Dimethylphenol	< 314	ug/Kg		1/14/2021 07:19
2,4-Dinitrophenol	< 1250	ug/Kg		1/14/2021 07:19
2,4-Dinitrotoluene	< 314	ug/Kg		1/14/2021 07:19
2,6-Dinitrotoluene	< 314	ug/Kg		1/14/2021 07:19
2-Chloronaphthalene	< 314	ug/Kg		1/14/2021 07:19
2-Chlorophenol	< 314	ug/Kg		1/14/2021 07:19
2-Methylnapthalene	< 314	ug/Kg		1/14/2021 07:19
2-Methylphenol	< 314	ug/Kg		1/14/2021 07:19
2-Nitroaniline	< 314	ug/Kg		1/14/2021 07:19
2-Nitrophenol	< 314	ug/Kg		1/14/2021 07:19
3&4-Methylphenol	< 314	ug/Kg		1/14/2021 07:19
3,3'-Dichlorobenzidine	< 314	ug/Kg		1/14/2021 07:19

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B15S1
Lab Sample ID: 210161-16 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 314		ug/Kg	1/14/2021	07:19
4,6-Dinitro-2-methylphenol	< 627		ug/Kg	1/14/2021	07:19
4-Bromophenyl phenyl ether	< 314		ug/Kg	1/14/2021	07:19
4-Chloro-3-methylphenol	< 314		ug/Kg	1/14/2021	07:19
4-Chloroaniline	< 314		ug/Kg	1/14/2021	07:19
4-Chlorophenyl phenyl ether	< 314		ug/Kg	1/14/2021	07:19
4-Nitroaniline	< 314		ug/Kg	1/14/2021	07:19
4-Nitrophenol	< 314		ug/Kg	1/14/2021	07:19
Acenaphthene	< 314		ug/Kg	1/14/2021	07:19
Acenaphthylene	< 314		ug/Kg	1/14/2021	07:19
Acetophenone	< 314		ug/Kg	1/14/2021	07:19
Anthracene	< 314		ug/Kg	1/14/2021	07:19
Atrazine	< 314	UJ	ug/Kg	1/14/2021	07:19
Benzaldehyde	< 314		ug/Kg	1/14/2021	07:19
Benzo (a) anthracene	< 314		ug/Kg	1/14/2021	07:19
Benzo (a) pyrene	< 314		ug/Kg	1/14/2021	07:19
Benzo (b) fluoranthene	< 314		ug/Kg	1/14/2021	07:19
Benzo (g,h,i) perylene	< 314		ug/Kg	1/14/2021	07:19
Benzo (k) fluoranthene	< 314		ug/Kg	1/14/2021	07:19
Bis (2-chloroethoxy) methane	< 314		ug/Kg	1/14/2021	07:19
Bis (2-chloroethyl) ether	< 314		ug/Kg	1/14/2021	07:19
Bis (2-ethylhexyl) phthalate	< 314		ug/Kg	1/14/2021	07:19
Butylbenzylphthalate	< 314		ug/Kg	1/14/2021	07:19
Caprolactam	< 314		ug/Kg	1/14/2021	07:19
Carbazole	< 314		ug/Kg	1/14/2021	07:19

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B15S1		
Lab Sample ID:	210161-16	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 314	ug/Kg	1/14/2021	07:19
Dibenz (a,h) anthracene	< 314	ug/Kg	1/14/2021	07:19
Dibenzofuran	< 314	ug/Kg	1/14/2021	07:19
Diethyl phthalate	< 314	ug/Kg	1/14/2021	07:19
Dimethyl phthalate	< 314	ug/Kg	1/14/2021	07:19
Di-n-butyl phthalate	< 314	ug/Kg	1/14/2021	07:19
Di-n-octylphthalate	< 314	ug/Kg	1/14/2021	07:19
Fluoranthene	< 314	ug/Kg	1/14/2021	07:19
Fluorene	< 314	ug/Kg	1/14/2021	07:19
Hexachlorobenzene	< 314	ug/Kg	1/14/2021	07:19
Hexachlorobutadiene	< 314	ug/Kg	1/14/2021	07:19
Hexachlorocyclopentadiene	< 1250	ug/Kg	1/14/2021	07:19
Hexachloroethane	< 314	ug/Kg	1/14/2021	07:19
Indeno (1,2,3-cd) pyrene	< 314	ug/Kg	1/14/2021	07:19
Isophorone	< 314	ug/Kg	1/14/2021	07:19
Naphthalene	< 314	ug/Kg	1/14/2021	07:19
Nitrobenzene	< 314	ug/Kg	1/14/2021	07:19
N-Nitroso-di-n-propylamine	< 314	ug/Kg	1/14/2021	07:19
N-Nitrosodiphenylamine	< 314	ug/Kg	1/14/2021	07:19
Pentachlorophenol	< 627	ug/Kg	1/14/2021	07:19
Phenanthrene	< 314	ug/Kg	1/14/2021	07:19
Phenol	< 314	ug/Kg	1/14/2021	07:19
Pyrene	< 314	ug/Kg	1/14/2021	07:19

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B15S1
Lab Sample ID: 210161-16 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	**383** J	ug/Kg		1/14/2021
Unknown Alkane	**336** J	ug/Kg		1/14/2021
Total Reported TICS	**720**	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S1		
Lab Sample ID:	210161-17	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 331	ug/Kg		1/14/2021 07:49
1,2,4,5-Tetrachlorobenzene	< 331	ug/Kg		1/14/2021 07:49
1,2,4-Trichlorobenzene	< 331	ug/Kg		1/14/2021 07:49
1,2-Dichlorobenzene	< 331	ug/Kg		1/14/2021 07:49
1,3-Dichlorobenzene	< 331	ug/Kg		1/14/2021 07:49
1,4-Dichlorobenzene	< 331	ug/Kg		1/14/2021 07:49
2,2-Oxybis (1-chloropropane)	< 331	ug/Kg		1/14/2021 07:49
2,3,4,6-Tetrachlorophenol	< 331	ug/Kg		1/14/2021 07:49
2,4,5-Trichlorophenol	< 331	ug/Kg		1/14/2021 07:49
2,4,6-Trichlorophenol	< 331	ug/Kg		1/14/2021 07:49
2,4-Dichlorophenol	< 331	ug/Kg		1/14/2021 07:49
2,4-Dimethylphenol	< 331	ug/Kg		1/14/2021 07:49
2,4-Dinitrophenol	< 1330	ug/Kg		1/14/2021 07:49
2,4-Dinitrotoluene	< 331	ug/Kg		1/14/2021 07:49
2,6-Dinitrotoluene	< 331	ug/Kg		1/14/2021 07:49
2-Chloronaphthalene	< 331	ug/Kg		1/14/2021 07:49
2-Chlorophenol	< 331	ug/Kg		1/14/2021 07:49
2-Methylnapthalene	< 331	ug/Kg		1/14/2021 07:49
2-Methylphenol	< 331	ug/Kg		1/14/2021 07:49
2-Nitroaniline	< 331	ug/Kg		1/14/2021 07:49
2-Nitrophenol	< 331	ug/Kg		1/14/2021 07:49
3&4-Methylphenol	< 331	ug/Kg		1/14/2021 07:49
3,3'-Dichlorobenzidine	< 331	ug/Kg		1/14/2021 07:49

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B17S1
Lab Sample ID: 210161-17 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 331		ug/Kg	1/14/2021	07:49
4,6-Dinitro-2-methylphenol	< 663		ug/Kg	1/14/2021	07:49
4-Bromophenyl phenyl ether	< 331		ug/Kg	1/14/2021	07:49
4-Chloro-3-methylphenol	< 331		ug/Kg	1/14/2021	07:49
4-Chloroaniline	< 331		ug/Kg	1/14/2021	07:49
4-Chlorophenyl phenyl ether	< 331		ug/Kg	1/14/2021	07:49
4-Nitroaniline	< 331		ug/Kg	1/14/2021	07:49
4-Nitrophenol	< 331		ug/Kg	1/14/2021	07:49
Acenaphthene	< 331		ug/Kg	1/14/2021	07:49
Acenaphthylene	< 331		ug/Kg	1/14/2021	07:49
Acetophenone	< 331		ug/Kg	1/14/2021	07:49
Anthracene	< 331		ug/Kg	1/14/2021	07:49
Atrazine	< 331	UJ	ug/Kg	1/14/2021	07:49
Benzaldehyde	< 331		ug/Kg	1/14/2021	07:49
Benzo (a) anthracene	< 331		ug/Kg	1/14/2021	07:49
Benzo (a) pyrene	< 331		ug/Kg	1/14/2021	07:49
Benzo (b) fluoranthene	< 331		ug/Kg	1/14/2021	07:49
Benzo (g,h,i) perylene	< 331		ug/Kg	1/14/2021	07:49
Benzo (k) fluoranthene	< 331		ug/Kg	1/14/2021	07:49
Bis (2-chloroethoxy) methane	< 331		ug/Kg	1/14/2021	07:49
Bis (2-chloroethyl) ether	< 331		ug/Kg	1/14/2021	07:49
Bis (2-ethylhexyl) phthalate	< 331		ug/Kg	1/14/2021	07:49
Butylbenzylphthalate	< 331		ug/Kg	1/14/2021	07:49
Caprolactam	< 331		ug/Kg	1/14/2021	07:49
Carbazole	< 331		ug/Kg	1/14/2021	07:49

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S1		
Lab Sample ID:	210161-17	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 331	ug/Kg	1/14/2021	07:49
Dibenz (a,h) anthracene	< 331	ug/Kg	1/14/2021	07:49
Dibenzofuran	< 331	ug/Kg	1/14/2021	07:49
Diethyl phthalate	< 331	ug/Kg	1/14/2021	07:49
Dimethyl phthalate	< 331	ug/Kg	1/14/2021	07:49
Di-n-butyl phthalate	< 331	ug/Kg	1/14/2021	07:49
Di-n-octylphthalate	< 331	ug/Kg	1/14/2021	07:49
Fluoranthene	< 331	ug/Kg	1/14/2021	07:49
Fluorene	< 331	ug/Kg	1/14/2021	07:49
Hexachlorobenzene	< 331	ug/Kg	1/14/2021	07:49
Hexachlorobutadiene	< 331	ug/Kg	1/14/2021	07:49
Hexachlorocyclopentadiene	< 1330	ug/Kg	1/14/2021	07:49
Hexachloroethane	< 331	ug/Kg	1/14/2021	07:49
Indeno (1,2,3-cd) pyrene	< 331	ug/Kg	1/14/2021	07:49
Isophorone	< 331	ug/Kg	1/14/2021	07:49
Naphthalene	< 331	ug/Kg	1/14/2021	07:49
Nitrobenzene	< 331	ug/Kg	1/14/2021	07:49
N-Nitroso-di-n-propylamine	< 331	ug/Kg	1/14/2021	07:49
N-Nitrosodiphenylamine	< 331	ug/Kg	1/14/2021	07:49
Pentachlorophenol	< 663	ug/Kg	1/14/2021	07:49
Phenanthrene	< 331	ug/Kg	1/14/2021	07:49
Phenol	< 331	ug/Kg	1/14/2021	07:49
Pyrene	< 331	ug/Kg	1/14/2021	07:49

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B17S1
Lab Sample ID: 210161-17
Matrix: Soil

Date Sampled: 1/8/2021
Date Received: 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown Alkane	**342** J	ug/Kg		1/14/2021
Unknown	**570** J	ug/Kg		1/14/2021
Unknown Alkane	**402** J	ug/Kg		1/14/2021
Total Reported TICS	**1310**	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S2		
Lab Sample ID:	210161-18	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 307	ug/Kg		1/14/2021 08:18
1,2,4,5-Tetrachlorobenzene	< 307	ug/Kg		1/14/2021 08:18
1,2,4-Trichlorobenzene	< 307	ug/Kg		1/14/2021 08:18
1,2-Dichlorobenzene	< 307	ug/Kg		1/14/2021 08:18
1,3-Dichlorobenzene	< 307	ug/Kg		1/14/2021 08:18
1,4-Dichlorobenzene	< 307	ug/Kg		1/14/2021 08:18
2,2-Oxybis (1-chloropropane)	< 307	ug/Kg		1/14/2021 08:18
2,3,4,6-Tetrachlorophenol	< 307	ug/Kg		1/14/2021 08:18
2,4,5-Trichlorophenol	< 307	ug/Kg		1/14/2021 08:18
2,4,6-Trichlorophenol	< 307	ug/Kg		1/14/2021 08:18
2,4-Dichlorophenol	< 307	ug/Kg		1/14/2021 08:18
2,4-Dimethylphenol	< 307	ug/Kg		1/14/2021 08:18
2,4-Dinitrophenol	< 1230	ug/Kg		1/14/2021 08:18
2,4-Dinitrotoluene	< 307	ug/Kg		1/14/2021 08:18
2,6-Dinitrotoluene	< 307	ug/Kg		1/14/2021 08:18
2-Chloronaphthalene	< 307	ug/Kg		1/14/2021 08:18
2-Chlorophenol	< 307	ug/Kg		1/14/2021 08:18
2-Methylnapthalene	< 307	ug/Kg		1/14/2021 08:18
2-Methylphenol	< 307	ug/Kg		1/14/2021 08:18
2-Nitroaniline	< 307	ug/Kg		1/14/2021 08:18
2-Nitrophenol	< 307	ug/Kg		1/14/2021 08:18
3&4-Methylphenol	< 307	ug/Kg		1/14/2021 08:18
3,3'-Dichlorobenzidine	< 307	ug/Kg		1/14/2021 08:18

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B17S2
Lab Sample ID: 210161-18 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 307		ug/Kg	1/14/2021 08:18
4,6-Dinitro-2-methylphenol	< 613		ug/Kg	1/14/2021 08:18
4-Bromophenyl phenyl ether	< 307		ug/Kg	1/14/2021 08:18
4-Chloro-3-methylphenol	< 307		ug/Kg	1/14/2021 08:18
4-Chloroaniline	< 307		ug/Kg	1/14/2021 08:18
4-Chlorophenyl phenyl ether	< 307		ug/Kg	1/14/2021 08:18
4-Nitroaniline	< 307		ug/Kg	1/14/2021 08:18
4-Nitrophenol	< 307		ug/Kg	1/14/2021 08:18
Acenaphthene	< 307		ug/Kg	1/14/2021 08:18
Acenaphthylene	< 307		ug/Kg	1/14/2021 08:18
Acetophenone	< 307		ug/Kg	1/14/2021 08:18
Anthracene	< 307		ug/Kg	1/14/2021 08:18
Atrazine	< 307	UJ	ug/Kg	1/14/2021 08:18
Benzaldehyde	< 307		ug/Kg	1/14/2021 08:18
Benzo (a) anthracene	< 307		ug/Kg	1/14/2021 08:18
Benzo (a) pyrene	< 307		ug/Kg	1/14/2021 08:18
Benzo (b) fluoranthene	< 307		ug/Kg	1/14/2021 08:18
Benzo (g,h,i) perylene	< 307		ug/Kg	1/14/2021 08:18
Benzo (k) fluoranthene	< 307		ug/Kg	1/14/2021 08:18
Bis (2-chloroethoxy) methane	< 307		ug/Kg	1/14/2021 08:18
Bis (2-chloroethyl) ether	< 307		ug/Kg	1/14/2021 08:18
Bis (2-ethylhexyl) phthalate	< 307		ug/Kg	1/14/2021 08:18
Butylbenzylphthalate	< 307		ug/Kg	1/14/2021 08:18
Caprolactam	< 307		ug/Kg	1/14/2021 08:18
Carbazole	< 307		ug/Kg	1/14/2021 08:18

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S2		
Lab Sample ID:	210161-18	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 307	ug/Kg	1/14/2021	08:18
Dibenz (a,h) anthracene	< 307	ug/Kg	1/14/2021	08:18
Dibenzofuran	< 307	ug/Kg	1/14/2021	08:18
Diethyl phthalate	< 307	ug/Kg	1/14/2021	08:18
Dimethyl phthalate	< 307	ug/Kg	1/14/2021	08:18
Di-n-butyl phthalate	< 307	ug/Kg	1/14/2021	08:18
Di-n-octylphthalate	< 307	ug/Kg	1/14/2021	08:18
Fluoranthene	< 307	ug/Kg	1/14/2021	08:18
Fluorene	< 307	ug/Kg	1/14/2021	08:18
Hexachlorobenzene	< 307	ug/Kg	1/14/2021	08:18
Hexachlorobutadiene	< 307	ug/Kg	1/14/2021	08:18
Hexachlorocyclopentadiene	< 1230	ug/Kg	1/14/2021	08:18
Hexachloroethane	< 307	ug/Kg	1/14/2021	08:18
Indeno (1,2,3-cd) pyrene	< 307	ug/Kg	1/14/2021	08:18
Isophorone	< 307	ug/Kg	1/14/2021	08:18
Naphthalene	< 307	ug/Kg	1/14/2021	08:18
Nitrobenzene	< 307	ug/Kg	1/14/2021	08:18
N-Nitroso-di-n-propylamine	< 307	ug/Kg	1/14/2021	08:18
N-Nitrosodiphenylamine	< 307	ug/Kg	1/14/2021	08:18
Pentachlorophenol	< 613	ug/Kg	1/14/2021	08:18
Phenanthrene	< 307	ug/Kg	1/14/2021	08:18
Phenol	< 307	ug/Kg	1/14/2021	08:18
Pyrene	< 307	ug/Kg	1/14/2021	08:18

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S2		
Lab Sample ID:	210161-18	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 245	ug/Kg		1/14/2021
Total Reported TICS	< 245	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B18S1		
Lab Sample ID:	210161-19	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 347	ug/Kg		1/14/2021 08:47
1,2,4,5-Tetrachlorobenzene	< 347	ug/Kg		1/14/2021 08:47
1,2,4-Trichlorobenzene	< 347	ug/Kg		1/14/2021 08:47
1,2-Dichlorobenzene	< 347	ug/Kg		1/14/2021 08:47
1,3-Dichlorobenzene	< 347	ug/Kg		1/14/2021 08:47
1,4-Dichlorobenzene	< 347	ug/Kg		1/14/2021 08:47
2,2-Oxybis (1-chloropropane)	< 347	ug/Kg		1/14/2021 08:47
2,3,4,6-Tetrachlorophenol	< 347	ug/Kg		1/14/2021 08:47
2,4,5-Trichlorophenol	< 347	ug/Kg		1/14/2021 08:47
2,4,6-Trichlorophenol	< 347	ug/Kg		1/14/2021 08:47
2,4-Dichlorophenol	< 347	ug/Kg		1/14/2021 08:47
2,4-Dimethylphenol	< 347	ug/Kg		1/14/2021 08:47
2,4-Dinitrophenol	< 1390	ug/Kg		1/14/2021 08:47
2,4-Dinitrotoluene	< 347	ug/Kg		1/14/2021 08:47
2,6-Dinitrotoluene	< 347	ug/Kg		1/14/2021 08:47
2-Chloronaphthalene	< 347	ug/Kg		1/14/2021 08:47
2-Chlorophenol	< 347	ug/Kg		1/14/2021 08:47
2-Methylnapthalene	< 347	ug/Kg		1/14/2021 08:47
2-Methylphenol	< 347	ug/Kg		1/14/2021 08:47
2-Nitroaniline	< 347	ug/Kg		1/14/2021 08:47
2-Nitrophenol	< 347	ug/Kg		1/14/2021 08:47
3&4-Methylphenol	< 347	ug/Kg		1/14/2021 08:47
3,3'-Dichlorobenzidine	< 347	ug/Kg		1/14/2021 08:47

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B18S1
Lab Sample ID: 210161-19 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 347	ug/Kg	1/14/2021	08:47
4,6-Dinitro-2-methylphenol	< 695	ug/Kg	1/14/2021	08:47
4-Bromophenyl phenyl ether	< 347	ug/Kg	1/14/2021	08:47
4-Chloro-3-methylphenol	< 347	ug/Kg	1/14/2021	08:47
4-Chloroaniline	< 347	ug/Kg	1/14/2021	08:47
4-Chlorophenyl phenyl ether	< 347	ug/Kg	1/14/2021	08:47
4-Nitroaniline	< 347	ug/Kg	1/14/2021	08:47
4-Nitrophenol	< 347	ug/Kg	1/14/2021	08:47
Acenaphthene	< 347	ug/Kg	1/14/2021	08:47
Acenaphthylene	< 347	ug/Kg	1/14/2021	08:47
Acetophenone	< 347	ug/Kg	1/14/2021	08:47
Anthracene	< 347	ug/Kg	1/14/2021	08:47
Atrazine	< 347 UJ	ug/Kg	1/14/2021	08:47
Benzaldehyde	< 347	ug/Kg	1/14/2021	08:47
Benzo (a) anthracene	< 347	ug/Kg	1/14/2021	08:47
Benzo (a) pyrene	< 347	ug/Kg	1/14/2021	08:47
Benzo (b) fluoranthene	< 347	ug/Kg	1/14/2021	08:47
Benzo (g,h,i) perylene	< 347	ug/Kg	1/14/2021	08:47
Benzo (k) fluoranthene	< 347	ug/Kg	1/14/2021	08:47
Bis (2-chloroethoxy) methane	< 347	ug/Kg	1/14/2021	08:47
Bis (2-chloroethyl) ether	< 347	ug/Kg	1/14/2021	08:47
Bis (2-ethylhexyl) phthalate	< 347	ug/Kg	1/14/2021	08:47
Butylbenzylphthalate	< 347	ug/Kg	1/14/2021	08:47
Caprolactam	< 347	ug/Kg	1/14/2021	08:47
Carbazole	< 347	ug/Kg	1/14/2021	08:47

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B18S1		
Lab Sample ID:	210161-19	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 347	ug/Kg	1/14/2021	08:47
Dibenz (a,h) anthracene	< 347	ug/Kg	1/14/2021	08:47
Dibenzofuran	< 347	ug/Kg	1/14/2021	08:47
Diethyl phthalate	< 347	ug/Kg	1/14/2021	08:47
Dimethyl phthalate	< 347	ug/Kg	1/14/2021	08:47
Di-n-butyl phthalate	< 347	ug/Kg	1/14/2021	08:47
Di-n-octylphthalate	< 347	ug/Kg	1/14/2021	08:47
Fluoranthene	< 347	ug/Kg	1/14/2021	08:47
Fluorene	< 347	ug/Kg	1/14/2021	08:47
Hexachlorobenzene	< 347	ug/Kg	1/14/2021	08:47
Hexachlorobutadiene	< 347	ug/Kg	1/14/2021	08:47
Hexachlorocyclopentadiene	< 1390	ug/Kg	1/14/2021	08:47
Hexachloroethane	< 347	ug/Kg	1/14/2021	08:47
Indeno (1,2,3-cd) pyrene	< 347	ug/Kg	1/14/2021	08:47
Isophorone	< 347	ug/Kg	1/14/2021	08:47
Naphthalene	< 347	ug/Kg	1/14/2021	08:47
Nitrobenzene	< 347	ug/Kg	1/14/2021	08:47
N-Nitroso-di-n-propylamine	< 347	ug/Kg	1/14/2021	08:47
N-Nitrosodiphenylamine	< 347	ug/Kg	1/14/2021	08:47
Pentachlorophenol	< 695	ug/Kg	1/14/2021	08:47
Phenanthrene	< 347	ug/Kg	1/14/2021	08:47
Phenol	< 347	ug/Kg	1/14/2021	08:47
Pyrene	< 347	ug/Kg	1/14/2021	08:47

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B18S1
Lab Sample ID: 210161-19
Matrix: Soil

Date Sampled: 1/8/2021
Date Received: 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	**531** J	ug/Kg		1/14/2021
Unknown	**425** J	ug/Kg		1/14/2021
Unknown Alkane	**390** J	ug/Kg		1/14/2021
Unknown	**868** J	ug/Kg		1/14/2021
Total Reported TICS	**2210**	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B19S1		
Lab Sample ID:	210161-20	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 313	ug/Kg		1/14/2021 09:17
1,2,4,5-Tetrachlorobenzene	< 313	ug/Kg		1/14/2021 09:17
1,2,4-Trichlorobenzene	< 313	ug/Kg		1/14/2021 09:17
1,2-Dichlorobenzene	< 313	ug/Kg		1/14/2021 09:17
1,3-Dichlorobenzene	< 313	ug/Kg		1/14/2021 09:17
1,4-Dichlorobenzene	< 313	ug/Kg		1/14/2021 09:17
2,2-Oxybis (1-chloropropane)	< 313	ug/Kg		1/14/2021 09:17
2,3,4,6-Tetrachlorophenol	< 313	ug/Kg		1/14/2021 09:17
2,4,5-Trichlorophenol	< 313	ug/Kg		1/14/2021 09:17
2,4,6-Trichlorophenol	< 313	ug/Kg		1/14/2021 09:17
2,4-Dichlorophenol	< 313	ug/Kg		1/14/2021 09:17
2,4-Dimethylphenol	< 313	ug/Kg		1/14/2021 09:17
2,4-Dinitrophenol	< 1250	ug/Kg		1/14/2021 09:17
2,4-Dinitrotoluene	< 313	ug/Kg		1/14/2021 09:17
2,6-Dinitrotoluene	< 313	ug/Kg		1/14/2021 09:17
2-Chloronaphthalene	< 313	ug/Kg		1/14/2021 09:17
2-Chlorophenol	< 313	ug/Kg		1/14/2021 09:17
2-Methylnapthalene	< 313	ug/Kg		1/14/2021 09:17
2-Methylphenol	< 313	ug/Kg		1/14/2021 09:17
2-Nitroaniline	< 313	ug/Kg		1/14/2021 09:17
2-Nitrophenol	< 313	ug/Kg		1/14/2021 09:17
3&4-Methylphenol	< 313	ug/Kg		1/14/2021 09:17
3,3'-Dichlorobenzidine	< 313	ug/Kg		1/14/2021 09:17

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B19S1
Lab Sample ID: 210161-20 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 313		ug/Kg	1/14/2021	09:17
4,6-Dinitro-2-methylphenol	< 627		ug/Kg	1/14/2021	09:17
4-Bromophenyl phenyl ether	< 313		ug/Kg	1/14/2021	09:17
4-Chloro-3-methylphenol	< 313		ug/Kg	1/14/2021	09:17
4-Chloroaniline	< 313		ug/Kg	1/14/2021	09:17
4-Chlorophenyl phenyl ether	< 313		ug/Kg	1/14/2021	09:17
4-Nitroaniline	< 313		ug/Kg	1/14/2021	09:17
4-Nitrophenol	< 313		ug/Kg	1/14/2021	09:17
Acenaphthene	< 313		ug/Kg	1/14/2021	09:17
Acenaphthylene	< 313		ug/Kg	1/14/2021	09:17
Acetophenone	< 313		ug/Kg	1/14/2021	09:17
Anthracene	< 313		ug/Kg	1/14/2021	09:17
Atrazine	< 313	UJ	ug/Kg	1/14/2021	09:17
Benzaldehyde	< 313		ug/Kg	1/14/2021	09:17
Benzo (a) anthracene	< 313		ug/Kg	1/14/2021	09:17
Benzo (a) pyrene	< 313		ug/Kg	1/14/2021	09:17
Benzo (b) fluoranthene	< 313		ug/Kg	1/14/2021	09:17
Benzo (g,h,i) perylene	< 313		ug/Kg	1/14/2021	09:17
Benzo (k) fluoranthene	< 313		ug/Kg	1/14/2021	09:17
Bis (2-chloroethoxy) methane	< 313		ug/Kg	1/14/2021	09:17
Bis (2-chloroethyl) ether	< 313		ug/Kg	1/14/2021	09:17
Bis (2-ethylhexyl) phthalate	< 313		ug/Kg	1/14/2021	09:17
Butylbenzylphthalate	< 313		ug/Kg	1/14/2021	09:17
Caprolactam	< 313		ug/Kg	1/14/2021	09:17
Carbazole	< 313		ug/Kg	1/14/2021	09:17

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B19S1		
Lab Sample ID:	210161-20	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chrysene	< 313	ug/Kg	1/14/2021	09:17
Dibenz (a,h) anthracene	< 313	ug/Kg	1/14/2021	09:17
Dibenzofuran	< 313	ug/Kg	1/14/2021	09:17
Diethyl phthalate	< 313	ug/Kg	1/14/2021	09:17
Dimethyl phthalate	< 313	ug/Kg	1/14/2021	09:17
Di-n-butyl phthalate	< 313	ug/Kg	1/14/2021	09:17
Di-n-octylphthalate	< 313	ug/Kg	1/14/2021	09:17
Fluoranthene	< 313	ug/Kg	1/14/2021	09:17
Fluorene	< 313	ug/Kg	1/14/2021	09:17
Hexachlorobenzene	< 313	ug/Kg	1/14/2021	09:17
Hexachlorobutadiene	< 313	ug/Kg	1/14/2021	09:17
Hexachlorocyclopentadiene	< 1250	ug/Kg	1/14/2021	09:17
Hexachloroethane	< 313	ug/Kg	1/14/2021	09:17
Indeno (1,2,3-cd) pyrene	< 313	ug/Kg	1/14/2021	09:17
Isophorone	< 313	ug/Kg	1/14/2021	09:17
Naphthalene	< 313	ug/Kg	1/14/2021	09:17
Nitrobenzene	< 313	ug/Kg	1/14/2021	09:17
N-Nitroso-di-n-propylamine	< 313	ug/Kg	1/14/2021	09:17
N-Nitrosodiphenylamine	< 313	ug/Kg	1/14/2021	09:17
Pentachlorophenol	< 627	ug/Kg	1/14/2021	09:17
Phenanthrene	< 313	ug/Kg	1/14/2021	09:17
Phenol	< 313	ug/Kg	1/14/2021	09:17
Pyrene	< 313	ug/Kg	1/14/2021	09:17

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B19S1
Lab Sample ID: 210161-20 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 251	ug/Kg		1/14/2021
Total Reported TICS	< 251	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/13/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B21S1		
Lab Sample ID:	210161-21	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 287	ug/Kg		1/14/2021 16:31
1,2,4,5-Tetrachlorobenzene	< 287	ug/Kg		1/14/2021 16:31
1,2,4-Trichlorobenzene	< 287	ug/Kg		1/14/2021 16:31
1,2-Dichlorobenzene	< 287	ug/Kg		1/14/2021 16:31
1,3-Dichlorobenzene	< 287	ug/Kg		1/14/2021 16:31
1,4-Dichlorobenzene	< 287	ug/Kg		1/14/2021 16:31
2,2-Oxybis (1-chloropropane)	< 287	ug/Kg		1/14/2021 16:31
2,3,4,6-Tetrachlorophenol	< 287	ug/Kg		1/14/2021 16:31
2,4,5-Trichlorophenol	< 287	ug/Kg		1/14/2021 16:31
2,4,6-Trichlorophenol	< 287	ug/Kg		1/14/2021 16:31
2,4-Dichlorophenol	< 287	ug/Kg		1/14/2021 16:31
2,4-Dimethylphenol	< 287	ug/Kg		1/14/2021 16:31
2,4-Dinitrophenol	< 1150	ug/Kg		1/14/2021 16:31
2,4-Dinitrotoluene	< 287	ug/Kg		1/14/2021 16:31
2,6-Dinitrotoluene	< 287	ug/Kg		1/14/2021 16:31
2-Chloronaphthalene	< 287	ug/Kg		1/14/2021 16:31
2-Chlorophenol	< 287	ug/Kg		1/14/2021 16:31
2-Methylnapthalene	< 287	ug/Kg		1/14/2021 16:31
2-Methylphenol	< 287	ug/Kg		1/14/2021 16:31
2-Nitroaniline	< 287	ug/Kg		1/14/2021 16:31
2-Nitrophenol	< 287	ug/Kg		1/14/2021 16:31
3&4-Methylphenol	< 287	ug/Kg		1/14/2021 16:31
3,3'-Dichlorobenzidine	< 287	ug/Kg		1/14/2021 16:31

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B21S1
Lab Sample ID: 210161-21 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 287	ug/Kg	1/14/2021	16:31
4,6-Dinitro-2-methylphenol	< 574	ug/Kg	1/14/2021	16:31
4-Bromophenyl phenyl ether	< 287	ug/Kg	1/14/2021	16:31
4-Chloro-3-methylphenol	< 287	ug/Kg	1/14/2021	16:31
4-Chloroaniline	< 287	ug/Kg	1/14/2021	16:31
4-Chlorophenyl phenyl ether	< 287	ug/Kg	1/14/2021	16:31
4-Nitroaniline	< 287	ug/Kg	1/14/2021	16:31
4-Nitrophenol	< 287	ug/Kg	1/14/2021	16:31
Acenaphthene	< 287	ug/Kg	1/14/2021	16:31
Acenaphthylene	< 287	ug/Kg	1/14/2021	16:31
Acetophenone	< 287	ug/Kg	1/14/2021	16:31
Anthracene	< 287	ug/Kg	1/14/2021	16:31
Atrazine	< 287 UJ	ug/Kg	1/14/2021	16:31
Benzaldehyde	< 287	ug/Kg	1/14/2021	16:31
Benzo (a) anthracene	< 287	ug/Kg	1/14/2021	16:31
Benzo (a) pyrene	< 287	ug/Kg	1/14/2021	16:31
Benzo (b) fluoranthene	< 287	ug/Kg	1/14/2021	16:31
Benzo (g,h,i) perylene	< 287	ug/Kg	1/14/2021	16:31
Benzo (k) fluoranthene	< 287	ug/Kg	1/14/2021	16:31
Bis (2-chloroethoxy) methane	< 287	ug/Kg	1/14/2021	16:31
Bis (2-chloroethyl) ether	< 287	ug/Kg	1/14/2021	16:31
Bis (2-ethylhexyl) phthalate	< 287	ug/Kg	1/14/2021	16:31
Butylbenzylphthalate	< 287	ug/Kg	1/14/2021	16:31
Caprolactam	< 287	ug/Kg	1/14/2021	16:31
Carbazole	< 287	ug/Kg	1/14/2021	16:31

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B21S1
Lab Sample ID: 210161-21 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Chrysene	< 287	ug/Kg	1/14/2021	16:31
Dibenz (a,h) anthracene	< 287	ug/Kg	1/14/2021	16:31
Dibenzofuran	< 287	ug/Kg	1/14/2021	16:31
Diethyl phthalate	< 287	ug/Kg	1/14/2021	16:31
Dimethyl phthalate	< 287	ug/Kg	1/14/2021	16:31
Di-n-butyl phthalate	< 287	ug/Kg	1/14/2021	16:31
Di-n-octylphthalate	< 287	ug/Kg	1/14/2021	16:31
Fluoranthene	< 287	ug/Kg	1/14/2021	16:31
Fluorene	< 287	ug/Kg	1/14/2021	16:31
Hexachlorobenzene	< 287	ug/Kg	1/14/2021	16:31
Hexachlorobutadiene	< 287	ug/Kg	1/14/2021	16:31
Hexachlorocyclopentadiene	< 1150 UJ	ug/Kg	1/14/2021	16:31
Hexachloroethane	< 287	ug/Kg	1/14/2021	16:31
Indeno (1,2,3-cd) pyrene	< 287	ug/Kg	1/14/2021	16:31
Isophorone	< 287	ug/Kg	1/14/2021	16:31
Naphthalene	< 287	ug/Kg	1/14/2021	16:31
Nitrobenzene	< 287	ug/Kg	1/14/2021	16:31
N-Nitroso-di-n-propylamine	< 287	ug/Kg	1/14/2021	16:31
N-Nitrosodiphenylamine	< 287	ug/Kg	1/14/2021	16:31
Pentachlorophenol	< 574	ug/Kg	1/14/2021	16:31
Phenanthrene	< 287	ug/Kg	1/14/2021	16:31
Phenol	< 287	ug/Kg	1/14/2021	16:31
Pyrene	< 287	ug/Kg	1/14/2021	16:31

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B21S1		
Lab Sample ID:	210161-21	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 229	ug/Kg		1/14/2021
Total Reported TICS	< 229	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/14/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B22S1		
Lab Sample ID:	210161-22	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 324	ug/Kg		1/14/2021 17:00
1,2,4,5-Tetrachlorobenzene	< 324	ug/Kg		1/14/2021 17:00
1,2,4-Trichlorobenzene	< 324	ug/Kg		1/14/2021 17:00
1,2-Dichlorobenzene	< 324	ug/Kg		1/14/2021 17:00
1,3-Dichlorobenzene	< 324	ug/Kg		1/14/2021 17:00
1,4-Dichlorobenzene	< 324	ug/Kg		1/14/2021 17:00
2,2-Oxybis (1-chloropropane)	< 324	ug/Kg		1/14/2021 17:00
2,3,4,6-Tetrachlorophenol	< 324	ug/Kg		1/14/2021 17:00
2,4,5-Trichlorophenol	< 324	ug/Kg		1/14/2021 17:00
2,4,6-Trichlorophenol	< 324	ug/Kg		1/14/2021 17:00
2,4-Dichlorophenol	< 324	ug/Kg		1/14/2021 17:00
2,4-Dimethylphenol	< 324	ug/Kg		1/14/2021 17:00
2,4-Dinitrophenol	< 1290	ug/Kg		1/14/2021 17:00
2,4-Dinitrotoluene	< 324	ug/Kg		1/14/2021 17:00
2,6-Dinitrotoluene	< 324	ug/Kg		1/14/2021 17:00
2-Chloronaphthalene	< 324	ug/Kg		1/14/2021 17:00
2-Chlorophenol	< 324	ug/Kg		1/14/2021 17:00
2-Methylnapthalene	< 324	ug/Kg		1/14/2021 17:00
2-Methylphenol	< 324	ug/Kg		1/14/2021 17:00
2-Nitroaniline	< 324	ug/Kg		1/14/2021 17:00
2-Nitrophenol	< 324	ug/Kg		1/14/2021 17:00
3&4-Methylphenol	< 324	ug/Kg		1/14/2021 17:00
3,3'-Dichlorobenzidine	< 324	ug/Kg		1/14/2021 17:00

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B22S1
Lab Sample ID: 210161-22 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

3-Nitroaniline	< 324	ug/Kg		1/14/2021	17:00
4,6-Dinitro-2-methylphenol	< 647	ug/Kg		1/14/2021	17:00
4-Bromophenyl phenyl ether	< 324	ug/Kg		1/14/2021	17:00
4-Chloro-3-methylphenol	< 324	ug/Kg		1/14/2021	17:00
4-Chloroaniline	< 324	ug/Kg		1/14/2021	17:00
4-Chlorophenyl phenyl ether	< 324	ug/Kg		1/14/2021	17:00
4-Nitroaniline	< 324	ug/Kg		1/14/2021	17:00
4-Nitrophenol	< 324	ug/Kg		1/14/2021	17:00
Acenaphthene	< 324	ug/Kg		1/14/2021	17:00
Acenaphthylene	< 324	ug/Kg		1/14/2021	17:00
Acetophenone	< 324	ug/Kg		1/14/2021	17:00
Anthracene	< 324	ug/Kg		1/14/2021	17:00
Atrazine	< 324 UJ	ug/Kg		1/14/2021	17:00
Benzaldehyde	< 324	ug/Kg		1/14/2021	17:00
Benzo (a) anthracene	**502**	ug/Kg		1/14/2021	17:00
Benzo (a) pyrene	**405**	ug/Kg		1/14/2021	17:00
Benzo (b) fluoranthene	**378**	ug/Kg		1/14/2021	17:00
Benzo (g,h,i) perylene	**272**	ug/Kg	J	1/14/2021	17:00
Benzo (k) fluoranthene	**247**	ug/Kg	J	1/14/2021	17:00
Bis (2-chloroethoxy) methane	< 324	ug/Kg		1/14/2021	17:00
Bis (2-chloroethyl) ether	< 324	ug/Kg		1/14/2021	17:00
Bis (2-ethylhexyl) phthalate	< 324	ug/Kg		1/14/2021	17:00
Butylbenzylphthalate	< 324	ug/Kg		1/14/2021	17:00
Caprolactam	< 324	ug/Kg		1/14/2021	17:00
Carbazole	< 324	ug/Kg		1/14/2021	17:00

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B22S1
Lab Sample ID: 210161-22 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Chrysene	**411**	ug/Kg		1/14/2021	17:00
Dibenz (a,h) anthracene	< 324	ug/Kg		1/14/2021	17:00
Dibenzofuran	< 324	ug/Kg		1/14/2021	17:00
Diethyl phthalate	< 324	ug/Kg		1/14/2021	17:00
Dimethyl phthalate	< 324	ug/Kg		1/14/2021	17:00
Di-n-butyl phthalate	< 324	ug/Kg		1/14/2021	17:00
Di-n-octylphthalate	< 324	ug/Kg		1/14/2021	17:00
Fluoranthene	**1310**	ug/Kg		1/14/2021	17:00
Fluorene	< 324	ug/Kg		1/14/2021	17:00
Hexachlorobenzene	< 324	ug/Kg		1/14/2021	17:00
Hexachlorobutadiene	< 324	ug/Kg		1/14/2021	17:00
Hexachlorocyclopentadiene	< 1290 UJ	ug/Kg		1/14/2021	17:00
Hexachloroethane	< 324	ug/Kg		1/14/2021	17:00
Indeno (1,2,3-cd) pyrene	**291**	ug/Kg	J	1/14/2021	17:00
Isophorone	< 324	ug/Kg		1/14/2021	17:00
Naphthalene	< 324	ug/Kg		1/14/2021	17:00
Nitrobenzene	< 324	ug/Kg		1/14/2021	17:00
N-Nitroso-di-n-propylamine	< 324	ug/Kg		1/14/2021	17:00
N-Nitrosodiphenylamine	< 324	ug/Kg		1/14/2021	17:00
Pentachlorophenol	< 647	ug/Kg		1/14/2021	17:00
Phenanthrene	**525**	ug/Kg		1/14/2021	17:00
Phenol	< 324	ug/Kg		1/14/2021	17:00
Pyrene	**824**	ug/Kg		1/14/2021	17:00

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B22S1
Lab Sample ID: 210161-22
Matrix: Soil
Date Sampled: 1/8/2021
Date Received: 1/12/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	**990** J	ug/Kg		1/14/2021
Unknown PAH	**465** J	ug/Kg		1/14/2021
Sulfur	**474** J	ug/Kg		1/14/2021
Sulfur	**9380** JN	ug/Kg		1/14/2021
Unknown PAH	**406** J	ug/Kg		1/14/2021
Total Reported TICS	**11700**	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546

Preparation Date: 1/14/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 2/26/2021

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1,4-DIOXANE

SAMPLE DATA

No Data Validation Qualifiers Were Added

MKP 2/25/2021

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B3S1		
Lab Sample ID:	210161-03	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Dioxane

Analyte	Result	Units	Qualifier	Date Analyzed
1,4-Dioxane	< 33.6	ug/Kg		1/15/2021 17:01

Method Reference(s): EPA 8270D SIM
EPA 3546
Preparation Date: 1/14/2021
Data File: B51683.D

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B8S1		
Lab Sample ID:	210161-09	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Dioxane

Analyte	Result	Units	Qualifier	Date Analyzed
1,4-Dioxane	< 30.6	ug/Kg		1/14/2021 13:56

Method Reference(s): EPA 8270D SIM
EPA 3546
Preparation Date: 1/14/2021
Data File: B51622.D

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B12S1		
Lab Sample ID:	210161-13	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Dioxane

Analyte	Result	Units	Qualifier	Date Analyzed
1,4-Dioxane	< 35.2	ug/Kg		1/13/2021 16:52

Method Reference(s): EPA 8270D SIM
EPA 3546
Preparation Date: 1/13/2021
Data File: B51576.D

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B22S1		
Lab Sample ID:	210161-22	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Dioxane

Analyte	Result	Units	Qualifier	Date Analyzed
1,4-Dioxane	< 32.4	ug/Kg		1/14/2021 14:08

Method Reference(s): EPA 8270D SIM
EPA 3546
Preparation Date: 1/14/2021
Data File: B51623.D

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PESTICIDES

SAMPLE DATA

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B1S1		
Lab Sample ID:	210161-01	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.18	ug/Kg		1/13/2021 14:14
4,4-DDE	< 3.18	ug/Kg		1/13/2021 14:14
4,4-DDT	< 3.18	ug/Kg		1/13/2021 14:14
Aldrin	< 3.18	ug/Kg		1/13/2021 14:14
alpha-BHC	< 3.18	ug/Kg		1/13/2021 14:14
beta-BHC	< 3.18	ug/Kg		1/13/2021 14:14
cis-Chlordane	< 3.18	ug/Kg		1/13/2021 14:14
delta-BHC	< 3.18	ug/Kg		1/13/2021 14:14
Dieldrin	< 3.18	ug/Kg		1/13/2021 14:14
Endosulfan I	< 3.18	ug/Kg		1/13/2021 14:14
Endosulfan II	< 3.18	ug/Kg		1/13/2021 14:14
Endosulfan Sulfate	< 3.18	ug/Kg		1/13/2021 14:14
Endrin	< 3.18	ug/Kg		1/13/2021 14:14
Endrin Aldehyde	< 3.18	ug/Kg		1/13/2021 14:14
Endrin Ketone	< 3.18	ug/Kg		1/13/2021 14:14
gamma-BHC (Lindane)	< 3.18	ug/Kg		1/13/2021 14:14
Heptachlor	< 3.18	ug/Kg		1/13/2021 14:14
Heptachlor Epoxide	< 3.18	ug/Kg		1/13/2021 14:14
Methoxychlor	< 3.18	ug/Kg		1/13/2021 14:14
Toxaphene	< 31.8	ug/Kg		1/13/2021 14:14
trans-Chlordane	< 3.18	ug/Kg		1/13/2021 14:14

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B2S1
Lab Sample ID: 210161-02 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.34	ug/Kg		1/13/2021 14:33
4,4-DDE	< 3.34	ug/Kg		1/13/2021 14:33
4,4-DDT	< 3.34	ug/Kg		1/13/2021 14:33
Aldrin	< 3.34	ug/Kg		1/13/2021 14:33
alpha-BHC	< 3.34	ug/Kg		1/13/2021 14:33
beta-BHC	< 3.34	ug/Kg		1/13/2021 14:33
cis-Chlordane	< 3.34	ug/Kg		1/13/2021 14:33
delta-BHC	< 3.34	ug/Kg		1/13/2021 14:33
Dieldrin	< 3.34	ug/Kg		1/13/2021 14:33
Endosulfan I	< 3.34	ug/Kg		1/13/2021 14:33
Endosulfan II	< 3.34	ug/Kg		1/13/2021 14:33
Endosulfan Sulfate	< 3.34	ug/Kg		1/13/2021 14:33
Endrin	< 3.34	ug/Kg		1/13/2021 14:33
Endrin Aldehyde	< 3.34	ug/Kg		1/13/2021 14:33
Endrin Ketone	< 3.34	ug/Kg		1/13/2021 14:33
gamma-BHC (Lindane)	< 3.34	ug/Kg		1/13/2021 14:33
Heptachlor	< 3.34	ug/Kg		1/13/2021 14:33
Heptachlor Epoxide	< 3.34	ug/Kg		1/13/2021 14:33
Methoxychlor	< 3.34	ug/Kg		1/13/2021 14:33
Toxaphene	< 33.4	ug/Kg		1/13/2021 14:33
trans-Chlordane	< 3.34	ug/Kg		1/13/2021 14:33

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B4S1		
Lab Sample ID:	210161-04	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.33	ug/Kg		1/13/2021 15:29
4,4-DDE	< 3.33	ug/Kg		1/13/2021 15:29
4,4-DDT	< 3.33	ug/Kg		1/13/2021 15:29
Aldrin	< 3.33	ug/Kg		1/13/2021 15:29
alpha-BHC	< 3.33	ug/Kg		1/13/2021 15:29
beta-BHC	< 3.33	ug/Kg		1/13/2021 15:29
cis-Chlordane	< 3.33	ug/Kg		1/13/2021 15:29
delta-BHC	< 3.33	ug/Kg		1/13/2021 15:29
Dieldrin	< 3.33	ug/Kg		1/13/2021 15:29
Endosulfan I	< 3.33	ug/Kg		1/13/2021 15:29
Endosulfan II	< 3.33	ug/Kg		1/13/2021 15:29
Endosulfan Sulfate	< 3.33	ug/Kg		1/13/2021 15:29
Endrin	< 3.33	ug/Kg		1/13/2021 15:29
Endrin Aldehyde	< 3.33	ug/Kg		1/13/2021 15:29
Endrin Ketone	< 3.33	ug/Kg		1/13/2021 15:29
gamma-BHC (Lindane)	< 3.33	ug/Kg		1/13/2021 15:29
Heptachlor	< 3.33	ug/Kg		1/13/2021 15:29
Heptachlor Epoxide	< 3.33	ug/Kg		1/13/2021 15:29
Methoxychlor	< 3.33	ug/Kg		1/13/2021 15:29
Toxaphene	< 33.3	ug/Kg		1/13/2021 15:29
trans-Chlordane	< 3.33	ug/Kg		1/13/2021 15:29

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.16	ug/Kg		1/13/2021 15:48
4,4-DDE	< 3.16	ug/Kg		1/13/2021 15:48
4,4-DDT	< 3.16	ug/Kg		1/13/2021 15:48
Aldrin	< 3.16	ug/Kg		1/13/2021 15:48
alpha-BHC	< 3.16	ug/Kg		1/13/2021 15:48
beta-BHC	< 3.16	ug/Kg		1/13/2021 15:48
cis-Chlordane	< 3.16	ug/Kg		1/13/2021 15:48
delta-BHC	< 3.16	ug/Kg		1/13/2021 15:48
Dieldrin	< 3.16	ug/Kg		1/13/2021 15:48
Endosulfan I	< 3.16	ug/Kg		1/13/2021 15:48
Endosulfan II	< 3.16	ug/Kg		1/13/2021 15:48
Endosulfan Sulfate	< 3.16	ug/Kg		1/13/2021 15:48
Endrin	< 3.16	ug/Kg		1/13/2021 15:48
Endrin Aldehyde	< 3.16	ug/Kg		1/13/2021 15:48
Endrin Ketone	< 3.16	ug/Kg		1/13/2021 15:48
gamma-BHC (Lindane)	< 3.16	ug/Kg		1/13/2021 15:48
Heptachlor	< 3.16	ug/Kg		1/13/2021 15:48
Heptachlor Epoxide	< 3.16	ug/Kg		1/13/2021 15:48
Methoxychlor	< 3.16	ug/Kg		1/13/2021 15:48
Toxaphene	< 31.6	ug/Kg		1/13/2021 15:48
trans-Chlordane	< 3.16	ug/Kg		1/13/2021 15:48

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B6S1
Lab Sample ID: 210161-06 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.42	ug/Kg		1/13/2021 16:07
4,4-DDE	< 3.42	ug/Kg		1/13/2021 16:07
4,4-DDT	**2.63**	ug/Kg	J	1/13/2021 16:07
Aldrin	< 3.42	ug/Kg		1/13/2021 16:07
alpha-BHC	< 3.42	ug/Kg		1/13/2021 16:07
beta-BHC	< 3.42	ug/Kg		1/13/2021 16:07
cis-Chlordane	< 3.42	ug/Kg		1/13/2021 16:07
delta-BHC	< 3.42	ug/Kg		1/13/2021 16:07
Dieldrin	< 3.42	ug/Kg		1/13/2021 16:07
Endosulfan I	< 3.42	ug/Kg		1/13/2021 16:07
Endosulfan II	< 3.42	ug/Kg		1/13/2021 16:07
Endosulfan Sulfate	< 3.42	ug/Kg		1/13/2021 16:07
Endrin	< 3.42	ug/Kg		1/13/2021 16:07
Endrin Aldehyde	< 3.42	ug/Kg		1/13/2021 16:07
Endrin Ketone	< 3.42	ug/Kg		1/13/2021 16:07
gamma-BHC (Lindane)	< 3.42	ug/Kg		1/13/2021 16:07
Heptachlor	< 3.42	ug/Kg		1/13/2021 16:07
Heptachlor Epoxide	< 3.42	ug/Kg		1/13/2021 16:07
Methoxychlor	< 3.42	ug/Kg		1/13/2021 16:07
Toxaphene	< 34.2	ug/Kg		1/13/2021 16:07
trans-Chlordane	< 3.42	ug/Kg		1/13/2021 16:07

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S1		
Lab Sample ID:	210161-07	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.33	ug/Kg		1/13/2021 16:26
4,4-DDE	< 3.33	ug/Kg		1/13/2021 16:26
4,4-DDT	< 3.33	ug/Kg		1/13/2021 16:26
Aldrin	< 3.33	ug/Kg		1/13/2021 16:26
alpha-BHC	< 3.33	ug/Kg		1/13/2021 16:26
beta-BHC	< 3.33	ug/Kg		1/13/2021 16:26
cis-Chlordane	< 3.33	ug/Kg		1/13/2021 16:26
delta-BHC	< 3.33	ug/Kg		1/13/2021 16:26
Dieldrin	< 3.33	ug/Kg		1/13/2021 16:26
Endosulfan I	< 3.33	ug/Kg		1/13/2021 16:26
Endosulfan II	< 3.33	ug/Kg		1/13/2021 16:26
Endosulfan Sulfate	< 3.33	ug/Kg		1/13/2021 16:26
Endrin	< 3.33	ug/Kg		1/13/2021 16:26
Endrin Aldehyde	< 3.33	ug/Kg		1/13/2021 16:26
Endrin Ketone	< 3.33	ug/Kg		1/13/2021 16:26
gamma-BHC (Lindane)	< 3.33	ug/Kg		1/13/2021 16:26
Heptachlor	< 3.33	ug/Kg		1/13/2021 16:26
Heptachlor Epoxide	< 3.33	ug/Kg		1/13/2021 16:26
Methoxychlor	< 3.33	ug/Kg		1/13/2021 16:26
Toxaphene	< 33.3	ug/Kg		1/13/2021 16:26
trans-Chlordane	< 3.33	ug/Kg		1/13/2021 16:26

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S10		
Lab Sample ID:	210161-08	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.32	ug/Kg		1/13/2021 16:44
4,4-DDE	< 3.32	ug/Kg		1/13/2021 16:44
4,4-DDT	< 3.32	ug/Kg		1/13/2021 16:44
Aldrin	< 3.32	ug/Kg		1/13/2021 16:44
alpha-BHC	< 3.32	ug/Kg		1/13/2021 16:44
beta-BHC	< 3.32	ug/Kg		1/13/2021 16:44
cis-Chlordane	< 3.32	ug/Kg		1/13/2021 16:44
delta-BHC	< 3.32	ug/Kg		1/13/2021 16:44
Dieldrin	< 3.32	ug/Kg		1/13/2021 16:44
Endosulfan I	< 3.32	ug/Kg		1/13/2021 16:44
Endosulfan II	< 3.32	ug/Kg		1/13/2021 16:44
Endosulfan Sulfate	< 3.32	ug/Kg		1/13/2021 16:44
Endrin	< 3.32	ug/Kg		1/13/2021 16:44
Endrin Aldehyde	< 3.32	ug/Kg		1/13/2021 16:44
Endrin Ketone	< 3.32	ug/Kg		1/13/2021 16:44
gamma-BHC (Lindane)	< 3.32	ug/Kg		1/13/2021 16:44
Heptachlor	< 3.32	ug/Kg		1/13/2021 16:44
Heptachlor Epoxide	< 3.32	ug/Kg		1/13/2021 16:44
Methoxychlor	< 3.32	ug/Kg		1/13/2021 16:44
Toxaphene	< 33.2	ug/Kg		1/13/2021 16:44
trans-Chlordane	< 3.32	ug/Kg		1/13/2021 16:44

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B8S1		
Lab Sample ID:	210161-09	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.16	ug/Kg		1/13/2021 17:03
4,4-DDE	< 3.16	ug/Kg		1/13/2021 17:03
4,4-DDT	< 3.16	ug/Kg		1/13/2021 17:03
Aldrin	< 3.16	ug/Kg		1/13/2021 17:03
alpha-BHC	< 3.16	ug/Kg		1/13/2021 17:03
beta-BHC	< 3.16	ug/Kg		1/13/2021 17:03
cis-Chlordane	< 3.16	ug/Kg		1/13/2021 17:03
delta-BHC	< 3.16	ug/Kg		1/13/2021 17:03
Dieldrin	< 3.16	ug/Kg		1/13/2021 17:03
Endosulfan I	< 3.16	ug/Kg		1/13/2021 17:03
Endosulfan II	< 3.16	ug/Kg		1/13/2021 17:03
Endosulfan Sulfate	< 3.16	ug/Kg		1/13/2021 17:03
Endrin	< 3.16	ug/Kg		1/13/2021 17:03
Endrin Aldehyde	< 3.16	ug/Kg		1/13/2021 17:03
Endrin Ketone	< 3.16	ug/Kg		1/13/2021 17:03
gamma-BHC (Lindane)	< 3.16	ug/Kg		1/13/2021 17:03
Heptachlor	< 3.16	ug/Kg		1/13/2021 17:03
Heptachlor Epoxide	< 3.16	ug/Kg		1/13/2021 17:03
Methoxychlor	< 3.16	ug/Kg		1/13/2021 17:03
Toxaphene	< 31.6	ug/Kg		1/13/2021 17:03
trans-Chlordane	< 3.16	ug/Kg		1/13/2021 17:03

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B9S1		
Lab Sample ID:	210161-10	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.32	ug/Kg		1/13/2021 17:22
4,4-DDE	< 3.32	ug/Kg		1/13/2021 17:22
4,4-DDT	< 3.32	ug/Kg		1/13/2021 17:22
Aldrin	< 3.32	ug/Kg		1/13/2021 17:22
alpha-BHC	< 3.32	ug/Kg		1/13/2021 17:22
beta-BHC	< 3.32	ug/Kg		1/13/2021 17:22
cis-Chlordane	< 3.32	ug/Kg		1/13/2021 17:22
delta-BHC	< 3.32	ug/Kg		1/13/2021 17:22
Dieldrin	< 3.32	ug/Kg		1/13/2021 17:22
Endosulfan I	< 3.32	ug/Kg		1/13/2021 17:22
Endosulfan II	< 3.32	ug/Kg		1/13/2021 17:22
Endosulfan Sulfate	< 3.32	ug/Kg		1/13/2021 17:22
Endrin	< 3.32	ug/Kg		1/13/2021 17:22
Endrin Aldehyde	< 3.32	ug/Kg		1/13/2021 17:22
Endrin Ketone	< 3.32	ug/Kg		1/13/2021 17:22
gamma-BHC (Lindane)	< 3.32	ug/Kg		1/13/2021 17:22
Heptachlor	< 3.32	ug/Kg		1/13/2021 17:22
Heptachlor Epoxide	< 3.32	ug/Kg		1/13/2021 17:22
Methoxychlor	< 3.32	ug/Kg		1/13/2021 17:22
Toxaphene	< 33.2	ug/Kg		1/13/2021 17:22
trans-Chlordane	< 3.32	ug/Kg		1/13/2021 17:22

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.14	ug/Kg		1/13/2021 17:41
4,4-DDE	< 3.14	ug/Kg		1/13/2021 17:41
4,4-DDT	< 3.14	ug/Kg		1/13/2021 17:41
Aldrin	< 3.14	ug/Kg		1/13/2021 17:41
alpha-BHC	< 3.14	ug/Kg		1/13/2021 17:41
beta-BHC	< 3.14	ug/Kg		1/13/2021 17:41
cis-Chlordane	< 3.14	ug/Kg		1/13/2021 17:41
delta-BHC	< 3.14	ug/Kg		1/13/2021 17:41
Dieldrin	< 3.14	ug/Kg		1/13/2021 17:41
Endosulfan I	< 3.14	ug/Kg		1/13/2021 17:41
Endosulfan II	< 3.14	ug/Kg		1/13/2021 17:41
Endosulfan Sulfate	< 3.14	ug/Kg		1/13/2021 17:41
Endrin	< 3.14	ug/Kg		1/13/2021 17:41
Endrin Aldehyde	< 3.14	ug/Kg		1/13/2021 17:41
Endrin Ketone	< 3.14	ug/Kg		1/13/2021 17:41
gamma-BHC (Lindane)	< 3.14	ug/Kg		1/13/2021 17:41
Heptachlor	< 3.14	ug/Kg		1/13/2021 17:41
Heptachlor Epoxide	< 3.14	ug/Kg		1/13/2021 17:41
Methoxychlor	< 3.14	ug/Kg		1/13/2021 17:41
Toxaphene	< 31.4	ug/Kg		1/13/2021 17:41
trans-Chlordane	< 3.14	ug/Kg		1/13/2021 17:41

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B11S1
Lab Sample ID: 210161-12 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.08	ug/Kg		1/14/2021 11:41
4,4-DDE	**3.92**	ug/Kg		1/14/2021 11:41
4,4-DDT	**7.90** J	ug/Kg	P	1/14/2021 11:41
Aldrin	**2.36** JN	ug/Kg	JP	1/14/2021 11:41
alpha-BHC	< 3.08	ug/Kg		1/14/2021 11:41
beta-BHC	< 3.08	ug/Kg		1/14/2021 11:41
cis-Chlordane	< 3.08	ug/Kg		1/14/2021 11:41
delta-BHC	**3.18** JN	ug/Kg	P	1/14/2021 11:41
Dieldrin	< 3.08	ug/Kg		1/14/2021 11:41
Endosulfan I	< 3.08	ug/Kg		1/14/2021 11:41
Endosulfan II	< 3.08	ug/Kg		1/14/2021 11:41
Endosulfan Sulfate	< 3.08	ug/Kg		1/14/2021 11:41
Endrin	**2.18** JN	ug/Kg	JP	1/14/2021 11:41
Endrin Aldehyde	< 3.08	ug/Kg		1/14/2021 11:41
Endrin Ketone	**8.62** JN	ug/Kg	P	1/14/2021 11:41
gamma-BHC (Lindane)	**7.06** JN	ug/Kg	P	1/14/2021 11:41
Heptachlor	< 3.08	ug/Kg		1/14/2021 11:41
Heptachlor Epoxide	< 3.08	ug/Kg		1/14/2021 11:41
Methoxychlor	< 3.08	ug/Kg		1/14/2021 11:41
Toxaphene	< 30.8	ug/Kg		1/14/2021 11:41
trans-Chlordane	< 3.08	ug/Kg		1/14/2021 11:41

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B12S1		
Lab Sample ID:	210161-13	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.42	ug/Kg		1/14/2021 12:00
4,4-DDE	< 3.42	ug/Kg		1/14/2021 12:00
4,4-DDT	< 3.42	ug/Kg		1/14/2021 12:00
Aldrin	< 3.42	ug/Kg		1/14/2021 12:00
alpha-BHC	< 3.42	ug/Kg		1/14/2021 12:00
beta-BHC	< 3.42	ug/Kg		1/14/2021 12:00
cis-Chlordane	< 3.42	ug/Kg		1/14/2021 12:00
delta-BHC	< 3.42	ug/Kg		1/14/2021 12:00
Dieldrin	< 3.42	ug/Kg		1/14/2021 12:00
Endosulfan I	< 3.42	ug/Kg		1/14/2021 12:00
Endosulfan II	< 3.42	ug/Kg		1/14/2021 12:00
Endosulfan Sulfate	< 3.42	ug/Kg		1/14/2021 12:00
Endrin	< 3.42	ug/Kg		1/14/2021 12:00
Endrin Aldehyde	< 3.42	ug/Kg		1/14/2021 12:00
Endrin Ketone	< 3.42	ug/Kg		1/14/2021 12:00
gamma-BHC (Lindane)	< 3.42	ug/Kg		1/14/2021 12:00
Heptachlor	< 3.42	ug/Kg		1/14/2021 12:00
Heptachlor Epoxide	< 3.42	ug/Kg		1/14/2021 12:00
Methoxychlor	< 3.42	ug/Kg		1/14/2021 12:00
Toxaphene	< 34.2	ug/Kg		1/14/2021 12:00
trans-Chlordane	< 3.42	ug/Kg		1/14/2021 12:00

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B13S1		
Lab Sample ID:	210161-14	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.13	ug/Kg		1/14/2021 12:19
4,4-DDE	< 3.13	ug/Kg		1/14/2021 12:19
4,4-DDT	< 3.13	ug/Kg		1/14/2021 12:19
Aldrin	< 3.13	ug/Kg		1/14/2021 12:19
alpha-BHC	< 3.13	ug/Kg		1/14/2021 12:19
beta-BHC	< 3.13	ug/Kg		1/14/2021 12:19
cis-Chlordane	< 3.13	ug/Kg		1/14/2021 12:19
delta-BHC	< 3.13	ug/Kg		1/14/2021 12:19
Dieldrin	< 3.13	ug/Kg		1/14/2021 12:19
Endosulfan I	< 3.13	ug/Kg		1/14/2021 12:19
Endosulfan II	< 3.13	ug/Kg		1/14/2021 12:19
Endosulfan Sulfate	< 3.13	ug/Kg		1/14/2021 12:19
Endrin	< 3.13	ug/Kg		1/14/2021 12:19
Endrin Aldehyde	< 3.13	ug/Kg		1/14/2021 12:19
Endrin Ketone	< 3.13	ug/Kg		1/14/2021 12:19
gamma-BHC (Lindane)	< 3.13	ug/Kg		1/14/2021 12:19
Heptachlor	< 3.13	ug/Kg		1/14/2021 12:19
Heptachlor Epoxide	< 3.13	ug/Kg		1/14/2021 12:19
Methoxychlor	< 3.13	ug/Kg		1/14/2021 12:19
Toxaphene	< 31.3	ug/Kg		1/14/2021 12:19
trans-Chlordane	< 3.13	ug/Kg		1/14/2021 12:19

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B14S1
Lab Sample ID: 210161-15 **Date Sampled:** 1/8/2021
Matrix: Soil **Date Received:** 1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	**3.01** JN	ug/Kg	JP	1/14/2021 12:37
4,4-DDE	**2.79** J	ug/Kg	JP	1/14/2021 12:37
4,4-DDT	**29.1**	ug/Kg		1/14/2021 12:37
Aldrin	< 3.04	ug/Kg		1/14/2021 12:37
alpha-BHC	< 3.04	ug/Kg		1/14/2021 12:37
beta-BHC	< 3.04	ug/Kg		1/14/2021 12:37
cis-Chlordane	**2.05** JN	ug/Kg	JP	1/14/2021 12:37
delta-BHC	< 3.04	ug/Kg		1/14/2021 12:37
Dieldrin	**7.50** J	ug/Kg	P	1/14/2021 12:37
Endosulfan I	< 3.04	ug/Kg		1/14/2021 12:37
Endosulfan II	< 3.04	ug/Kg		1/14/2021 12:37
Endosulfan Sulfate	**18.5** JN	ug/Kg	P	1/14/2021 12:37
Endrin	**3.62**	ug/Kg		1/14/2021 12:37
Endrin Aldehyde	**13.8** JN	ug/Kg	P	1/14/2021 12:37
Endrin Ketone	**9.84** JN	ug/Kg	P	1/14/2021 12:37
gamma-BHC (Lindane)	< 3.04	ug/Kg		1/14/2021 12:37
Heptachlor	< 3.04	ug/Kg		1/14/2021 12:37
Heptachlor Epoxide	< 3.04	ug/Kg		1/14/2021 12:37
Methoxychlor	< 3.04	ug/Kg		1/14/2021 12:37
Toxaphene	< 30.4	ug/Kg		1/14/2021 12:37
trans-Chlordane	**1.53** JN	ug/Kg	JP	1/14/2021 12:37

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B15S1		
Lab Sample ID:	210161-16	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.22	ug/Kg		1/14/2021 12:56
4,4-DDE	< 3.22	ug/Kg		1/14/2021 12:56
4,4-DDT	< 3.22	ug/Kg		1/14/2021 12:56
Aldrin	< 3.22	ug/Kg		1/14/2021 12:56
alpha-BHC	< 3.22	ug/Kg		1/14/2021 12:56
beta-BHC	< 3.22	ug/Kg		1/14/2021 12:56
cis-Chlordane	< 3.22	ug/Kg		1/14/2021 12:56
delta-BHC	< 3.22	ug/Kg		1/14/2021 12:56
Dieldrin	< 3.22	ug/Kg		1/14/2021 12:56
Endosulfan I	< 3.22	ug/Kg		1/14/2021 12:56
Endosulfan II	< 3.22	ug/Kg		1/14/2021 12:56
Endosulfan Sulfate	< 3.22	ug/Kg		1/14/2021 12:56
Endrin	< 3.22	ug/Kg		1/14/2021 12:56
Endrin Aldehyde	< 3.22	ug/Kg		1/14/2021 12:56
Endrin Ketone	< 3.22	ug/Kg		1/14/2021 12:56
gamma-BHC (Lindane)	< 3.22	ug/Kg		1/14/2021 12:56
Heptachlor	< 3.22	ug/Kg		1/14/2021 12:56
Heptachlor Epoxide	< 3.22	ug/Kg		1/14/2021 12:56
Methoxychlor	< 3.22	ug/Kg		1/14/2021 12:56
Toxaphene	< 32.2	ug/Kg		1/14/2021 12:56
trans-Chlordane	< 3.22	ug/Kg		1/14/2021 12:56

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S1		
Lab Sample ID:	210161-17	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 2.95	ug/Kg		1/14/2021 13:15
4,4-DDE	< 2.95	ug/Kg		1/14/2021 13:15
4,4-DDT	**2.43**	ug/Kg	J	1/14/2021 13:15
Aldrin	< 2.95	ug/Kg		1/14/2021 13:15
alpha-BHC	< 2.95	ug/Kg		1/14/2021 13:15
beta-BHC	< 2.95	ug/Kg		1/14/2021 13:15
cis-Chlordane	< 2.95	ug/Kg		1/14/2021 13:15
delta-BHC	< 2.95	ug/Kg		1/14/2021 13:15
Dieldrin	< 2.95	ug/Kg		1/14/2021 13:15
Endosulfan I	< 2.95	ug/Kg		1/14/2021 13:15
Endosulfan II	< 2.95	ug/Kg		1/14/2021 13:15
Endosulfan Sulfate	< 2.95	ug/Kg		1/14/2021 13:15
Endrin	< 2.95	ug/Kg		1/14/2021 13:15
Endrin Aldehyde	< 2.95	ug/Kg		1/14/2021 13:15
Endrin Ketone	< 2.95	ug/Kg		1/14/2021 13:15
gamma-BHC (Lindane)	< 2.95	ug/Kg		1/14/2021 13:15
Heptachlor	< 2.95	ug/Kg		1/14/2021 13:15
Heptachlor Epoxide	< 2.95	ug/Kg		1/14/2021 13:15
Methoxychlor	< 2.95	ug/Kg		1/14/2021 13:15
Toxaphene	< 29.5	ug/Kg		1/14/2021 13:15
trans-Chlordane	< 2.95	ug/Kg		1/14/2021 13:15

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S2		
Lab Sample ID:	210161-18	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 2.80	ug/Kg		1/14/2021 13:34
4,4-DDE	< 2.80	ug/Kg		1/14/2021 13:34
4,4-DDT	< 2.80	ug/Kg		1/14/2021 13:34
Aldrin	< 2.80	ug/Kg		1/14/2021 13:34
alpha-BHC	< 2.80	ug/Kg		1/14/2021 13:34
beta-BHC	< 2.80	ug/Kg		1/14/2021 13:34
cis-Chlordane	< 2.80	ug/Kg		1/14/2021 13:34
delta-BHC	< 2.80	ug/Kg		1/14/2021 13:34
Dieldrin	< 2.80	ug/Kg		1/14/2021 13:34
Endosulfan I	< 2.80	ug/Kg		1/14/2021 13:34
Endosulfan II	< 2.80	ug/Kg		1/14/2021 13:34
Endosulfan Sulfate	< 2.80	ug/Kg		1/14/2021 13:34
Endrin	< 2.80	ug/Kg		1/14/2021 13:34
Endrin Aldehyde	< 2.80	ug/Kg		1/14/2021 13:34
Endrin Ketone	< 2.80	ug/Kg		1/14/2021 13:34
gamma-BHC (Lindane)	< 2.80	ug/Kg		1/14/2021 13:34
Heptachlor	< 2.80	ug/Kg		1/14/2021 13:34
Heptachlor Epoxide	< 2.80	ug/Kg		1/14/2021 13:34
Methoxychlor	< 2.80	ug/Kg		1/14/2021 13:34
Toxaphene	< 28.0	ug/Kg		1/14/2021 13:34
trans-Chlordane	< 2.80	ug/Kg		1/14/2021 13:34

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B18S1		
Lab Sample ID:	210161-19	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.53	ug/Kg		1/14/2021 13:52
4,4-DDE	< 3.53	ug/Kg		1/14/2021 13:52
4,4-DDT	< 3.53	ug/Kg		1/14/2021 13:52
Aldrin	< 3.53	ug/Kg		1/14/2021 13:52
alpha-BHC	< 3.53	ug/Kg		1/14/2021 13:52
beta-BHC	< 3.53	ug/Kg		1/14/2021 13:52
cis-Chlordane	< 3.53	ug/Kg		1/14/2021 13:52
delta-BHC	< 3.53	ug/Kg		1/14/2021 13:52
Dieldrin	< 3.53	ug/Kg		1/14/2021 13:52
Endosulfan I	< 3.53	ug/Kg		1/14/2021 13:52
Endosulfan II	< 3.53	ug/Kg		1/14/2021 13:52
Endosulfan Sulfate	< 3.53	ug/Kg		1/14/2021 13:52
Endrin	< 3.53	ug/Kg		1/14/2021 13:52
Endrin Aldehyde	< 3.53	ug/Kg		1/14/2021 13:52
Endrin Ketone	< 3.53	ug/Kg		1/14/2021 13:52
gamma-BHC (Lindane)	< 3.53	ug/Kg		1/14/2021 13:52
Heptachlor	< 3.53	ug/Kg		1/14/2021 13:52
Heptachlor Epoxide	< 3.53	ug/Kg		1/14/2021 13:52
Methoxychlor	< 3.53	ug/Kg		1/14/2021 13:52
Toxaphene	< 35.3	ug/Kg		1/14/2021 13:52
trans-Chlordane	< 3.53	ug/Kg		1/14/2021 13:52

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B19S1		
Lab Sample ID:	210161-20	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 2.79	ug/Kg		1/14/2021 14:11
4,4-DDE	< 2.79	ug/Kg		1/14/2021 14:11
4,4-DDT	< 2.79	ug/Kg		1/14/2021 14:11
Aldrin	< 2.79	ug/Kg		1/14/2021 14:11
alpha-BHC	< 2.79	ug/Kg		1/14/2021 14:11
beta-BHC	< 2.79	ug/Kg		1/14/2021 14:11
cis-Chlordane	< 2.79	ug/Kg		1/14/2021 14:11
delta-BHC	< 2.79	ug/Kg		1/14/2021 14:11
Dieldrin	< 2.79	ug/Kg		1/14/2021 14:11
Endosulfan I	< 2.79	ug/Kg		1/14/2021 14:11
Endosulfan II	< 2.79	ug/Kg		1/14/2021 14:11
Endosulfan Sulfate	< 2.79	ug/Kg		1/14/2021 14:11
Endrin	< 2.79	ug/Kg		1/14/2021 14:11
Endrin Aldehyde	< 2.79	ug/Kg		1/14/2021 14:11
Endrin Ketone	< 2.79	ug/Kg		1/14/2021 14:11
gamma-BHC (Lindane)	< 2.79	ug/Kg		1/14/2021 14:11
Heptachlor	< 2.79	ug/Kg		1/14/2021 14:11
Heptachlor Epoxide	< 2.79	ug/Kg		1/14/2021 14:11
Methoxychlor	< 2.79	ug/Kg		1/14/2021 14:11
Toxaphene	< 27.9	ug/Kg		1/14/2021 14:11
trans-Chlordane	< 2.79	ug/Kg		1/14/2021 14:11

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B21S1		
Lab Sample ID:	210161-21	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.13	ug/Kg		1/14/2021 17:00
4,4-DDE	< 3.13	ug/Kg		1/14/2021 17:00
4,4-DDT	< 3.13	ug/Kg		1/14/2021 17:00
Aldrin	< 3.13	ug/Kg		1/14/2021 17:00
alpha-BHC	< 3.13	ug/Kg		1/14/2021 17:00
beta-BHC	< 3.13	ug/Kg		1/14/2021 17:00
cis-Chlordane	< 3.13	ug/Kg		1/14/2021 17:00
delta-BHC	< 3.13	ug/Kg		1/14/2021 17:00
Dieldrin	< 3.13	ug/Kg		1/14/2021 17:00
Endosulfan I	< 3.13	ug/Kg		1/14/2021 17:00
Endosulfan II	< 3.13	ug/Kg		1/14/2021 17:00
Endosulfan Sulfate	< 3.13	ug/Kg		1/14/2021 17:00
Endrin	< 3.13	ug/Kg		1/14/2021 17:00
Endrin Aldehyde	< 3.13	ug/Kg		1/14/2021 17:00
Endrin Ketone	< 3.13	ug/Kg		1/14/2021 17:00
gamma-BHC (Lindane)	< 3.13	ug/Kg		1/14/2021 17:00
Heptachlor	< 3.13	ug/Kg		1/14/2021 17:00
Heptachlor Epoxide	< 3.13	ug/Kg		1/14/2021 17:00
Methoxychlor	< 3.13	ug/Kg		1/14/2021 17:00
Toxaphene	< 31.3	ug/Kg		1/14/2021 17:00
trans-Chlordane	< 3.13	ug/Kg		1/14/2021 17:00

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B22S1		
Lab Sample ID:	210161-22	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 3.11	ug/Kg		1/15/2021 15:42
4,4-DDE	< 3.11	ug/Kg		1/15/2021 15:42
4,4-DDT	< 3.11	ug/Kg		1/15/2021 15:42
Aldrin	< 3.11	ug/Kg		1/15/2021 15:42
alpha-BHC	< 3.11	ug/Kg		1/15/2021 15:42
beta-BHC	< 3.11	ug/Kg		1/15/2021 15:42
cis-Chlordane	< 3.11	ug/Kg		1/15/2021 15:42
delta-BHC	< 3.11	ug/Kg		1/15/2021 15:42
Dieldrin	< 3.11	ug/Kg		1/15/2021 15:42
Endosulfan I	< 3.11	ug/Kg		1/15/2021 15:42
Endosulfan II	< 3.11	ug/Kg		1/15/2021 15:42
Endosulfan Sulfate	< 3.11	ug/Kg		1/15/2021 15:42
Endrin	< 3.11	ug/Kg		1/15/2021 15:42
Endrin Aldehyde	< 3.11	ug/Kg		1/15/2021 15:42
Endrin Ketone	< 3.11	ug/Kg		1/15/2021 15:42
gamma-BHC (Lindane)	< 3.11	ug/Kg		1/15/2021 15:42
Heptachlor	< 3.11	ug/Kg		1/15/2021 15:42
Heptachlor Epoxide	< 3.11	ug/Kg		1/15/2021 15:42
Methoxychlor	< 3.11	ug/Kg		1/15/2021 15:42
Toxaphene	< 31.1	ug/Kg		1/15/2021 15:42
trans-Chlordane	< 3.11	ug/Kg		1/15/2021 15:42

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PCBS

SAMPLE DATA

No Data Validation Qualifiers Were Added

MKP 2/25/2021

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B1S1		
Lab Sample ID:	210161-01	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0318	mg/Kg		1/13/2021 16:19
PCB-1221	< 0.0318	mg/Kg		1/13/2021 16:19
PCB-1232	< 0.0318	mg/Kg		1/13/2021 16:19
PCB-1242	< 0.0318	mg/Kg		1/13/2021 16:19
PCB-1248	< 0.0318	mg/Kg		1/13/2021 16:19
PCB-1254	< 0.0318	mg/Kg		1/13/2021 16:19
PCB-1260	< 0.0318	mg/Kg		1/13/2021 16:19
PCB-1262	< 0.0318	mg/Kg		1/13/2021 16:19
PCB-1268	< 0.0318	mg/Kg		1/13/2021 16:19

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**62.5**	18.8 - 97.4		1/13/2021 16:19

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B2S1		
Lab Sample ID:	210161-02	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0334	mg/Kg		1/13/2021 16:42
PCB-1221	< 0.0334	mg/Kg		1/13/2021 16:42
PCB-1232	< 0.0334	mg/Kg		1/13/2021 16:42
PCB-1242	< 0.0334	mg/Kg		1/13/2021 16:42
PCB-1248	< 0.0334	mg/Kg		1/13/2021 16:42
PCB-1254	< 0.0334	mg/Kg		1/13/2021 16:42
PCB-1260	< 0.0334	mg/Kg		1/13/2021 16:42
PCB-1262	< 0.0334	mg/Kg		1/13/2021 16:42
PCB-1268	< 0.0334	mg/Kg		1/13/2021 16:42

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**54.4**	18.8 - 97.4		1/13/2021 16:42

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B4S1		
Lab Sample ID:	210161-04	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0333	mg/Kg		1/13/2021 17:06
PCB-1221	< 0.0333	mg/Kg		1/13/2021 17:06
PCB-1232	< 0.0333	mg/Kg		1/13/2021 17:06
PCB-1242	< 0.0333	mg/Kg		1/13/2021 17:06
PCB-1248	< 0.0333	mg/Kg		1/13/2021 17:06
PCB-1254	< 0.0333	mg/Kg		1/13/2021 17:06
PCB-1260	< 0.0333	mg/Kg		1/13/2021 17:06
PCB-1262	< 0.0333	mg/Kg		1/13/2021 17:06
PCB-1268	< 0.0333	mg/Kg		1/13/2021 17:06

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**37.7**	18.8 - 97.4		1/13/2021 17:06

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0316	mg/Kg		1/13/2021 17:29
PCB-1221	< 0.0316	mg/Kg		1/13/2021 17:29
PCB-1232	< 0.0316	mg/Kg		1/13/2021 17:29
PCB-1242	< 0.0316	mg/Kg		1/13/2021 17:29
PCB-1248	< 0.0316	mg/Kg		1/13/2021 17:29
PCB-1254	< 0.0316	mg/Kg		1/13/2021 17:29
PCB-1260	< 0.0316	mg/Kg		1/13/2021 17:29
PCB-1262	< 0.0316	mg/Kg		1/13/2021 17:29
PCB-1268	< 0.0316	mg/Kg		1/13/2021 17:29

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**49.5**	18.8 - 97.4		1/13/2021 17:29

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B6S1		
Lab Sample ID:	210161-06	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0342	mg/Kg		1/13/2021 17:53
PCB-1221	< 0.0342	mg/Kg		1/13/2021 17:53
PCB-1232	< 0.0342	mg/Kg		1/13/2021 17:53
PCB-1242	< 0.0342	mg/Kg		1/13/2021 17:53
PCB-1248	< 0.0342	mg/Kg		1/13/2021 17:53
PCB-1254	< 0.0342	mg/Kg		1/13/2021 17:53
PCB-1260	< 0.0342	mg/Kg		1/13/2021 17:53
PCB-1262	< 0.0342	mg/Kg		1/13/2021 17:53
PCB-1268	< 0.0342	mg/Kg		1/13/2021 17:53

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**69.1**	18.8 - 97.4		1/13/2021 17:53

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S1		
Lab Sample ID:	210161-07	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0333	mg/Kg		1/13/2021 18:16
PCB-1221	< 0.0333	mg/Kg		1/13/2021 18:16
PCB-1232	< 0.0333	mg/Kg		1/13/2021 18:16
PCB-1242	< 0.0333	mg/Kg		1/13/2021 18:16
PCB-1248	< 0.0333	mg/Kg		1/13/2021 18:16
PCB-1254	< 0.0333	mg/Kg		1/13/2021 18:16
PCB-1260	< 0.0333	mg/Kg		1/13/2021 18:16
PCB-1262	< 0.0333	mg/Kg		1/13/2021 18:16
PCB-1268	< 0.0333	mg/Kg		1/13/2021 18:16

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**73.8**	18.8 - 97.4		1/13/2021 18:16

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S10		
Lab Sample ID:	210161-08	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0332	mg/Kg		1/13/2021 18:40
PCB-1221	< 0.0332	mg/Kg		1/13/2021 18:40
PCB-1232	< 0.0332	mg/Kg		1/13/2021 18:40
PCB-1242	< 0.0332	mg/Kg		1/13/2021 18:40
PCB-1248	< 0.0332	mg/Kg		1/13/2021 18:40
PCB-1254	< 0.0332	mg/Kg		1/13/2021 18:40
PCB-1260	< 0.0332	mg/Kg		1/13/2021 18:40
PCB-1262	< 0.0332	mg/Kg		1/13/2021 18:40
PCB-1268	< 0.0332	mg/Kg		1/13/2021 18:40

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**70.2**	18.8 - 97.4		1/13/2021 18:40

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B8S1		
Lab Sample ID:	210161-09	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0316	mg/Kg		1/13/2021 19:03
PCB-1221	< 0.0316	mg/Kg		1/13/2021 19:03
PCB-1232	< 0.0316	mg/Kg		1/13/2021 19:03
PCB-1242	< 0.0316	mg/Kg		1/13/2021 19:03
PCB-1248	< 0.0316	mg/Kg		1/13/2021 19:03
PCB-1254	< 0.0316	mg/Kg		1/13/2021 19:03
PCB-1260	< 0.0316	mg/Kg		1/13/2021 19:03
PCB-1262	< 0.0316	mg/Kg		1/13/2021 19:03
PCB-1268	< 0.0316	mg/Kg		1/13/2021 19:03

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**69.3**	18.8 - 97.4		1/13/2021 19:03

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B9S1		
Lab Sample ID:	210161-10	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0332	mg/Kg		1/13/2021 19:27
PCB-1221	< 0.0332	mg/Kg		1/13/2021 19:27
PCB-1232	< 0.0332	mg/Kg		1/13/2021 19:27
PCB-1242	< 0.0332	mg/Kg		1/13/2021 19:27
PCB-1248	< 0.0332	mg/Kg		1/13/2021 19:27
PCB-1254	< 0.0332	mg/Kg		1/13/2021 19:27
PCB-1260	< 0.0332	mg/Kg		1/13/2021 19:27
PCB-1262	< 0.0332	mg/Kg		1/13/2021 19:27
PCB-1268	< 0.0332	mg/Kg		1/13/2021 19:27

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**58.7**	18.8 - 97.4		1/13/2021 19:27

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0314	mg/Kg		1/13/2021 20:37
PCB-1221	< 0.0314	mg/Kg		1/13/2021 20:37
PCB-1232	< 0.0314	mg/Kg		1/13/2021 20:37
PCB-1242	< 0.0314	mg/Kg		1/13/2021 20:37
PCB-1248	< 0.0314	mg/Kg		1/13/2021 20:37
PCB-1254	< 0.0314	mg/Kg		1/13/2021 20:37
PCB-1260	< 0.0314	mg/Kg		1/13/2021 20:37
PCB-1262	< 0.0314	mg/Kg		1/13/2021 20:37
PCB-1268	< 0.0314	mg/Kg		1/13/2021 20:37

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**70.3**	18.8 - 97.4		1/13/2021 20:37

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B11S1		
Lab Sample ID:	210161-12	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0308	mg/Kg		1/13/2021 21:00
PCB-1221	< 0.0308	mg/Kg		1/13/2021 21:00
PCB-1232	< 0.0308	mg/Kg		1/13/2021 21:00
PCB-1242	< 0.0308	mg/Kg		1/13/2021 21:00
PCB-1248	< 0.0308	mg/Kg		1/13/2021 21:00
PCB-1254	< 0.0308	mg/Kg		1/13/2021 21:00
PCB-1260	**0.0352**	mg/Kg		1/13/2021 21:00
PCB-1262	< 0.0308	mg/Kg		1/13/2021 21:00
PCB-1268	< 0.0308	mg/Kg		1/13/2021 21:00

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**61.3**	18.8 - 97.4		1/13/2021 21:00

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B12S1		
Lab Sample ID:	210161-13	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0342	mg/Kg		1/13/2021 21:24
PCB-1221	< 0.0342	mg/Kg		1/13/2021 21:24
PCB-1232	< 0.0342	mg/Kg		1/13/2021 21:24
PCB-1242	< 0.0342	mg/Kg		1/13/2021 21:24
PCB-1248	< 0.0342	mg/Kg		1/13/2021 21:24
PCB-1254	< 0.0342	mg/Kg		1/13/2021 21:24
PCB-1260	< 0.0342	mg/Kg		1/13/2021 21:24
PCB-1262	< 0.0342	mg/Kg		1/13/2021 21:24
PCB-1268	< 0.0342	mg/Kg		1/13/2021 21:24

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**30.1**	18.8 - 97.4		1/13/2021 21:24

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B13S1		
Lab Sample ID:	210161-14	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0313	mg/Kg		1/13/2021 21:47
PCB-1221	< 0.0313	mg/Kg		1/13/2021 21:47
PCB-1232	< 0.0313	mg/Kg		1/13/2021 21:47
PCB-1242	< 0.0313	mg/Kg		1/13/2021 21:47
PCB-1248	< 0.0313	mg/Kg		1/13/2021 21:47
PCB-1254	< 0.0313	mg/Kg		1/13/2021 21:47
PCB-1260	< 0.0313	mg/Kg		1/13/2021 21:47
PCB-1262	< 0.0313	mg/Kg		1/13/2021 21:47
PCB-1268	< 0.0313	mg/Kg		1/13/2021 21:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**39.7**	18.8 - 97.4		1/13/2021 21:47

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B14S1		
Lab Sample ID:	210161-15	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0304	mg/Kg		1/13/2021 22:10
PCB-1221	< 0.0304	mg/Kg		1/13/2021 22:10
PCB-1232	< 0.0304	mg/Kg		1/13/2021 22:10
PCB-1242	< 0.0304	mg/Kg		1/13/2021 22:10
PCB-1248	< 0.0304	mg/Kg		1/13/2021 22:10
PCB-1254	< 0.0304	mg/Kg		1/13/2021 22:10
PCB-1260	**0.470**	mg/Kg		1/13/2021 22:10
PCB-1262	< 0.0304	mg/Kg		1/13/2021 22:10
PCB-1268	< 0.0304	mg/Kg		1/13/2021 22:10

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**60.4**	18.8 - 97.4		1/13/2021 22:10

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B15S1		
Lab Sample ID:	210161-16	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0322	mg/Kg		1/13/2021 22:34
PCB-1221	< 0.0322	mg/Kg		1/13/2021 22:34
PCB-1232	< 0.0322	mg/Kg		1/13/2021 22:34
PCB-1242	< 0.0322	mg/Kg		1/13/2021 22:34
PCB-1248	< 0.0322	mg/Kg		1/13/2021 22:34
PCB-1254	< 0.0322	mg/Kg		1/13/2021 22:34
PCB-1260	< 0.0322	mg/Kg		1/13/2021 22:34
PCB-1262	< 0.0322	mg/Kg		1/13/2021 22:34
PCB-1268	< 0.0322	mg/Kg		1/13/2021 22:34

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**69.4**	18.8 - 97.4		1/13/2021 22:34

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S1		
Lab Sample ID:	210161-17	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0295	mg/Kg		1/14/2021 10:18
PCB-1221	< 0.0295	mg/Kg		1/14/2021 10:18
PCB-1232	< 0.0295	mg/Kg		1/14/2021 10:18
PCB-1242	< 0.0295	mg/Kg		1/14/2021 10:18
PCB-1248	< 0.0295	mg/Kg		1/14/2021 10:18
PCB-1254	< 0.0295	mg/Kg		1/14/2021 10:18
PCB-1260	< 0.0295	mg/Kg		1/14/2021 10:18
PCB-1262	< 0.0295	mg/Kg		1/14/2021 10:18
PCB-1268	< 0.0295	mg/Kg		1/14/2021 10:18

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**48.3**	18.8 - 97.4		1/14/2021 10:18

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S2		
Lab Sample ID:	210161-18	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0280	mg/Kg		1/14/2021 10:41
PCB-1221	< 0.0280	mg/Kg		1/14/2021 10:41
PCB-1232	< 0.0280	mg/Kg		1/14/2021 10:41
PCB-1242	< 0.0280	mg/Kg		1/14/2021 10:41
PCB-1248	< 0.0280	mg/Kg		1/14/2021 10:41
PCB-1254	< 0.0280	mg/Kg		1/14/2021 10:41
PCB-1260	< 0.0280	mg/Kg		1/14/2021 10:41
PCB-1262	< 0.0280	mg/Kg		1/14/2021 10:41
PCB-1268	< 0.0280	mg/Kg		1/14/2021 10:41

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**52.0**	18.8 - 97.4		1/14/2021 10:41

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B18S1		
Lab Sample ID:	210161-19	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0353	mg/Kg		1/14/2021 11:05
PCB-1221	< 0.0353	mg/Kg		1/14/2021 11:05
PCB-1232	< 0.0353	mg/Kg		1/14/2021 11:05
PCB-1242	< 0.0353	mg/Kg		1/14/2021 11:05
PCB-1248	< 0.0353	mg/Kg		1/14/2021 11:05
PCB-1254	< 0.0353	mg/Kg		1/14/2021 11:05
PCB-1260	< 0.0353	mg/Kg		1/14/2021 11:05
PCB-1262	< 0.0353	mg/Kg		1/14/2021 11:05
PCB-1268	< 0.0353	mg/Kg		1/14/2021 11:05

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**54.1**	18.8 - 97.4		1/14/2021 11:05

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B19S1		
Lab Sample ID:	210161-20	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0279	mg/Kg		1/14/2021 11:28
PCB-1221	< 0.0279	mg/Kg		1/14/2021 11:28
PCB-1232	< 0.0279	mg/Kg		1/14/2021 11:28
PCB-1242	< 0.0279	mg/Kg		1/14/2021 11:28
PCB-1248	< 0.0279	mg/Kg		1/14/2021 11:28
PCB-1254	< 0.0279	mg/Kg		1/14/2021 11:28
PCB-1260	< 0.0279	mg/Kg		1/14/2021 11:28
PCB-1262	< 0.0279	mg/Kg		1/14/2021 11:28
PCB-1268	< 0.0279	mg/Kg		1/14/2021 11:28

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**57.9**	18.8 - 97.4		1/14/2021 11:28

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/13/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B21S1		
Lab Sample ID:	210161-21	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0313	mg/Kg		1/14/2021 19:48
PCB-1221	< 0.0313	mg/Kg		1/14/2021 19:48
PCB-1232	< 0.0313	mg/Kg		1/14/2021 19:48
PCB-1242	< 0.0313	mg/Kg		1/14/2021 19:48
PCB-1248	< 0.0313	mg/Kg		1/14/2021 19:48
PCB-1254	< 0.0313	mg/Kg		1/14/2021 19:48
PCB-1260	< 0.0313	mg/Kg		1/14/2021 19:48
PCB-1262	< 0.0313	mg/Kg		1/14/2021 19:48
PCB-1268	< 0.0313	mg/Kg		1/14/2021 19:48

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**66.4**	18.8 - 97.4		1/14/2021 19:48

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/14/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B22S1		
Lab Sample ID:	210161-22	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0311	mg/Kg		1/21/2021 09:46
PCB-1221	< 0.0311	mg/Kg		1/21/2021 09:46
PCB-1232	< 0.0311	mg/Kg		1/21/2021 09:46
PCB-1242	< 0.0311	mg/Kg		1/21/2021 09:46
PCB-1248	< 0.0311	mg/Kg		1/21/2021 09:46
PCB-1254	< 0.0311	mg/Kg		1/21/2021 09:46
PCB-1260	< 0.0311	mg/Kg		1/21/2021 09:46
PCB-1262	< 0.0311	mg/Kg		1/21/2021 09:46
PCB-1268	< 0.0311	mg/Kg		1/21/2021 09:46

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**79.5**	18.8 - 97.4		1/21/2021 09:46

Method Reference(s): EPA 8082A
EPA 3546

Preparation Date: 1/14/2021

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METALS DATA

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B1S1		
Lab Sample ID:	210161-01	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**14700**	mg/Kg		1/15/2021 17:10
Antimony	< 3.29	mg/Kg		1/15/2021 17:10
Arsenic	**4.45**	mg/Kg		1/15/2021 17:10
Barium	**85.5**	mg/Kg		1/15/2021 17:10
Beryllium	**0.235**	mg/Kg	J	1/15/2021 17:10
Cadmium	**0.396**	mg/Kg		1/15/2021 17:10
Calcium	**46500**	mg/Kg		1/15/2021 18:15
Chromium	**16.6**	mg/Kg		1/15/2021 17:10
Cobalt	**8.02**	mg/Kg		1/15/2021 17:10
Copper	**16.6**	mg/Kg		1/15/2021 17:10
Iron	**18600**	mg/Kg		1/15/2021 17:10
Lead	**49.7**	mg/Kg		1/15/2021 17:10
Magnesium	**14800**	mg/Kg		1/15/2021 17:10
Manganese	**340**	mg/Kg		1/15/2021 17:10
Nickel	**17.4**	mg/Kg		1/15/2021 17:10
Potassium	**3020**	mg/Kg		1/15/2021 17:10
Selenium	**0.807**	mg/Kg	J	1/18/2021 11:30
Silver	**0.700**	mg/Kg		1/15/2021 17:10
Sodium	**338**	mg/Kg		1/15/2021 17:10
Thallium	< 2.74	mg/Kg		1/15/2021 18:15
Vanadium	**24.7**	mg/Kg		1/15/2021 17:10
Zinc	**71.9**	mg/Kg		1/15/2021 17:10

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B1S1		
Lab Sample ID:	210161-01	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0872**	mg/Kg	D	1/15/2021 09:10

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B2S1		
Lab Sample ID:	210161-02	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**13300**	mg/Kg		1/15/2021 17:15
Antimony	< 3.57	mg/Kg		1/15/2021 17:15
Arsenic	**4.85**	mg/Kg		1/15/2021 17:15
Barium	**44.8**	mg/Kg		1/15/2021 17:15
Beryllium	**0.234**	mg/Kg	J	1/15/2021 17:15
Cadmium	**0.557**	mg/Kg		1/15/2021 17:15
Calcium	**134000**	mg/Kg		1/15/2021 18:20
Chromium	**17.3**	mg/Kg		1/15/2021 17:15
Cobalt	**8.11**	mg/Kg		1/15/2021 17:15
Copper	**14.2**	mg/Kg		1/15/2021 17:15
Iron	**16300**	mg/Kg		1/15/2021 17:15
Lead	**8.37**	mg/Kg		1/15/2021 17:15
Magnesium	**70900**	mg/Kg		1/15/2021 18:20
Manganese	**365**	mg/Kg		1/15/2021 17:15
Nickel	**18.1**	mg/Kg		1/15/2021 17:15
Potassium	**4650**	mg/Kg		1/15/2021 17:15
Selenium	**0.995**	mg/Kg	J	1/14/2021 20:09
Silver	**0.652**	mg/Kg		1/15/2021 17:15
Sodium	**303**	mg/Kg		1/15/2021 17:15
Thallium	< 1.49	mg/Kg		1/14/2021 20:09
Vanadium	**20.3**	mg/Kg		1/15/2021 17:15
Zinc	**33.0**	mg/Kg		1/15/2021 17:15

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B2S1		
Lab Sample ID:	210161-02	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0357**	mg/Kg		1/15/2021 09:21

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B4S1		
Lab Sample ID:	210161-04	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**8280**	mg/Kg		1/15/2021 17:19
Antimony	< 3.51	mg/Kg		1/15/2021 17:19
Arsenic	**2.89**	mg/Kg		1/15/2021 17:19
Barium	**55.8**	mg/Kg		1/15/2021 17:19
Beryllium	< 0.292	mg/Kg		1/15/2021 17:19
Cadmium	**0.463**	mg/Kg		1/15/2021 17:19
Calcium	**11600**	mg/Kg		1/15/2021 17:19
Chromium	**9.65**	mg/Kg		1/15/2021 17:19
Cobalt	**3.69**	mg/Kg		1/15/2021 17:19
Copper	**15.6**	mg/Kg		1/15/2021 17:19
Iron	**9690**	mg/Kg		1/15/2021 17:19
Lead	**77.0**	mg/Kg		1/15/2021 17:19
Magnesium	**4290**	mg/Kg		1/15/2021 17:19
Manganese	**400**	mg/Kg		1/15/2021 17:19
Nickel	**6.44**	mg/Kg		1/15/2021 17:19
Potassium	**755**	mg/Kg		1/15/2021 17:19
Selenium	**2.10**	mg/Kg		1/15/2021 17:19
Silver	**0.522**	mg/Kg	J	1/15/2021 17:19
Sodium	**101**	mg/Kg	J	1/15/2021 17:19
Thallium	< 1.46	mg/Kg		1/15/2021 17:19
Vanadium	**16.0**	mg/Kg		1/15/2021 17:19
Zinc	**105**	mg/Kg		1/15/2021 17:19

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B4S1		
Lab Sample ID:	210161-04	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.220**	mg/Kg		1/15/2021 09:23

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**11900**	mg/Kg		1/15/2021 17:24
Antimony	< 3.68	mg/Kg		1/15/2021 17:24
Arsenic	**6.24**	mg/Kg		1/15/2021 17:24
Barium	**62.3**	mg/Kg		1/15/2021 17:24
Beryllium	**0.181**	mg/Kg	J	1/15/2021 17:24
Cadmium	**0.586**	mg/Kg		1/15/2021 17:24
Calcium	**30200**	mg/Kg		1/15/2021 17:24
Chromium	**14.4**	mg/Kg		1/15/2021 17:24
Cobalt	**7.91**	mg/Kg		1/15/2021 17:24
Copper	**15.5**	mg/Kg		1/15/2021 17:24
Iron	**17300**	mg/Kg		1/15/2021 17:24
Lead	**7.61**	mg/Kg		1/15/2021 17:24
Magnesium	**14600**	mg/Kg		1/15/2021 17:24
Manganese	**332**	mg/Kg		1/15/2021 17:24
Nickel	**16.9**	mg/Kg		1/15/2021 17:24
Potassium	**2580**	mg/Kg		1/15/2021 17:24
Selenium	**1.59**	mg/Kg		1/15/2021 17:24
Silver	**0.537**	mg/Kg	J	1/15/2021 17:24
Sodium	**231**	mg/Kg		1/15/2021 17:24
Thallium	< 1.53	mg/Kg		1/15/2021 17:24
Vanadium	**22.2**	mg/Kg		1/15/2021 17:24
Zinc	**71.5**	mg/Kg		1/15/2021 17:24

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B5S2		
Lab Sample ID:	210161-05	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.00957**	mg/Kg		1/15/2021 09:25

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B6S1		
Lab Sample ID:	210161-06	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**11700**	mg/Kg		1/15/2021 17:29
Antimony	< 3.51	mg/Kg		1/15/2021 17:29
Arsenic	**2.72**	mg/Kg		1/15/2021 17:29
Barium	**60.5**	mg/Kg		1/15/2021 17:29
Beryllium	**0.151**	mg/Kg	J	1/15/2021 17:29
Cadmium	**0.608**	mg/Kg		1/15/2021 17:29
Calcium	**14000**	mg/Kg		1/15/2021 17:29
Chromium	**14.2**	mg/Kg		1/15/2021 17:29
Cobalt	**5.91**	mg/Kg		1/15/2021 17:29
Copper	**11.8**	mg/Kg		1/15/2021 17:29
Iron	**13700**	mg/Kg		1/15/2021 17:29
Lead	**33.6**	mg/Kg		1/15/2021 17:29
Magnesium	**7060**	mg/Kg		1/15/2021 17:29
Manganese	**410**	mg/Kg		1/15/2021 17:29
Nickel	**11.8**	mg/Kg		1/15/2021 17:29
Potassium	**1710**	mg/Kg		1/15/2021 17:29
Selenium	**1.03**	mg/Kg	J	1/15/2021 17:29
Silver	**0.430**	mg/Kg	J	1/15/2021 17:29
Sodium	**91.7**	mg/Kg	J	1/15/2021 17:29
Thallium	< 2.93	mg/Kg		1/15/2021 18:34
Vanadium	**22.1**	mg/Kg		1/15/2021 17:29
Zinc	**78.8**	mg/Kg		1/15/2021 17:29

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B6S1		
Lab Sample ID:	210161-06	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.104**	mg/Kg		1/15/2021 09:27

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S1		
Lab Sample ID:	210161-07	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**9090**	mg/Kg		1/15/2021 17:33
Antimony	< 3.41	mg/Kg		1/15/2021 17:33
Arsenic	**3.37**	mg/Kg		1/15/2021 17:33
Barium	**62.5**	mg/Kg		1/15/2021 17:33
Beryllium	< 0.284	mg/Kg		1/15/2021 17:33
Cadmium	**0.446**	mg/Kg		1/15/2021 17:33
Calcium	**19700**	mg/Kg		1/15/2021 17:33
Chromium	**10.8**	mg/Kg		1/15/2021 17:33
Cobalt	**4.56**	mg/Kg		1/15/2021 17:33
Copper	**14.3**	mg/Kg		1/15/2021 17:33
Iron	**11800**	mg/Kg		1/15/2021 17:33
Lead	**103**	mg/Kg		1/15/2021 17:33
Magnesium	**9690**	mg/Kg		1/15/2021 17:33
Manganese	**318**	mg/Kg		1/15/2021 17:33
Nickel	**9.27**	mg/Kg		1/15/2021 17:33
Potassium	**1440**	mg/Kg		1/15/2021 17:33
Selenium	**1.54**	mg/Kg		1/15/2021 17:33
Silver	**0.448**	mg/Kg	J	1/15/2021 17:33
Sodium	**197**	mg/Kg		1/15/2021 17:33
Thallium	< 1.42	mg/Kg		1/15/2021 17:33
Vanadium	**17.8**	mg/Kg		1/15/2021 17:33
Zinc	**97.1**	mg/Kg		1/15/2021 17:33

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S1		
Lab Sample ID:	210161-07	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.543**	mg/Kg		1/15/2021 09:58

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S10		
Lab Sample ID:	210161-08	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**9750**	mg/Kg		1/15/2021 17:38
Antimony	< 3.44	mg/Kg		1/15/2021 17:38
Arsenic	**4.07**	mg/Kg		1/15/2021 17:38
Barium	**68.8**	mg/Kg		1/15/2021 17:38
Beryllium	< 0.287	mg/Kg		1/15/2021 17:38
Cadmium	**0.529**	mg/Kg		1/15/2021 17:38
Calcium	**19000**	mg/Kg		1/15/2021 17:38
Chromium	**12.6**	mg/Kg		1/15/2021 17:38
Cobalt	**5.02**	mg/Kg		1/15/2021 17:38
Copper	**16.3**	mg/Kg		1/15/2021 17:38
Iron	**12400**	mg/Kg		1/15/2021 17:38
Lead	**138**	mg/Kg		1/15/2021 17:38
Magnesium	**8990**	mg/Kg		1/15/2021 17:38
Manganese	**299**	mg/Kg		1/15/2021 17:38
Nickel	**10.3**	mg/Kg		1/15/2021 17:38
Potassium	**1440**	mg/Kg		1/15/2021 17:38
Selenium	**1.65**	mg/Kg		1/15/2021 17:38
Silver	**0.472**	mg/Kg	J	1/15/2021 17:38
Sodium	**199**	mg/Kg		1/15/2021 17:38
Thallium	< 1.43	mg/Kg		1/15/2021 17:38
Vanadium	**19.0**	mg/Kg		1/15/2021 17:38
Zinc	**113**	mg/Kg		1/15/2021 17:38

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B7S10		
Lab Sample ID:	210161-08	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.256**	mg/Kg		1/15/2021 09:31

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B8S1		
Lab Sample ID:	210161-09	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**10000**	mg/Kg		1/15/2021 17:43
Antimony	< 3.09	mg/Kg		1/15/2021 17:43
Arsenic	**3.11**	mg/Kg		1/15/2021 17:43
Barium	**100**	mg/Kg		1/15/2021 17:43
Beryllium	**0.424**	mg/Kg		1/15/2021 17:43
Cadmium	**0.607**	mg/Kg		1/15/2021 17:43
Calcium	**22700**	mg/Kg		1/15/2021 17:43
Chromium	**9.68**	mg/Kg		1/15/2021 17:43
Cobalt	**4.14**	mg/Kg		1/15/2021 17:43
Copper	**12.7**	mg/Kg		1/15/2021 17:43
Iron	**11400**	mg/Kg		1/15/2021 17:43
Lead	**49.3**	mg/Kg		1/15/2021 17:43
Magnesium	**4370**	mg/Kg		1/15/2021 17:43
Manganese	**500**	mg/Kg		1/15/2021 17:43
Nickel	**6.79**	mg/Kg		1/15/2021 17:43
Potassium	**933**	mg/Kg		1/15/2021 17:43
Selenium	**2.27**	mg/Kg		1/15/2021 17:43
Silver	**0.542**	mg/Kg		1/15/2021 17:43
Sodium	**161**	mg/Kg		1/15/2021 17:43
Thallium	< 2.57	mg/Kg		1/15/2021 18:47
Vanadium	**16.8**	mg/Kg		1/15/2021 17:43
Zinc	**81.0**	mg/Kg		1/15/2021 17:43

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B8S1		
Lab Sample ID:	210161-09	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.168**	mg/Kg		1/15/2021 09:33

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B9S1		
Lab Sample ID:	210161-10	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**18700**	mg/Kg		1/15/2021 17:47
Antimony	< 3.67	mg/Kg		1/15/2021 17:47
Arsenic	**6.82**	mg/Kg		1/15/2021 17:47
Barium	**145**	mg/Kg		1/15/2021 17:47
Beryllium	**0.379**	mg/Kg		1/15/2021 17:47
Cadmium	**0.644**	mg/Kg		1/15/2021 17:47
Calcium	**54200**	mg/Kg		1/15/2021 19:02
Chromium	**22.9**	mg/Kg		1/15/2021 17:47
Cobalt	**12.5**	mg/Kg		1/15/2021 17:47
Copper	**21.0**	mg/Kg		1/15/2021 17:47
Iron	**24300**	mg/Kg		1/15/2021 17:47
Lead	**10.9**	mg/Kg		1/15/2021 17:47
Magnesium	**15000**	mg/Kg		1/15/2021 17:47
Manganese	**892**	mg/Kg		1/15/2021 19:02
Nickel	**25.6**	mg/Kg		1/15/2021 17:47
Potassium	**4750**	mg/Kg		1/15/2021 17:47
Selenium	**2.21**	mg/Kg		1/15/2021 17:47
Silver	**0.808**	mg/Kg		1/15/2021 17:47
Sodium	**243**	mg/Kg		1/15/2021 17:47
Thallium	< 4.59	mg/Kg		1/18/2021 09:24
Vanadium	**31.5**	mg/Kg		1/15/2021 17:47
Zinc	**62.2**	mg/Kg		1/15/2021 17:47

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B9S1		
Lab Sample ID:	210161-10	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0189**	mg/Kg		1/15/2021 09:35

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**10700**	mg/Kg		1/15/2021 18:06
Antimony	< 3.38	mg/Kg		1/15/2021 18:06
Arsenic	**6.33**	mg/Kg		1/15/2021 18:06
Barium	**91.9**	mg/Kg		1/15/2021 18:06
Beryllium	**0.219**	mg/Kg	J	1/15/2021 18:06
Cadmium	**0.684**	mg/Kg		1/15/2021 18:06
Calcium	**18600**	mg/Kg		1/15/2021 18:06
Chromium	**13.3**	mg/Kg		1/15/2021 18:06
Cobalt	**7.30**	mg/Kg		1/15/2021 18:06
Copper	**24.5**	mg/Kg		1/15/2021 18:06
Iron	**15700**	mg/Kg		1/15/2021 18:06
Lead	**114**	mg/Kg		1/15/2021 18:06
Magnesium	**7470**	mg/Kg		1/15/2021 18:06
Manganese	**449**	mg/Kg		1/15/2021 18:06
Nickel	**14.0**	mg/Kg		1/15/2021 18:06
Potassium	**1790**	mg/Kg		1/15/2021 18:06
Selenium	**2.06**	mg/Kg		1/15/2021 18:06
Silver	**0.695**	mg/Kg		1/15/2021 18:06
Sodium	**108**	mg/Kg	J	1/15/2021 18:06
Thallium	< 1.41	mg/Kg		1/15/2021 18:06
Vanadium	**20.4**	mg/Kg		1/15/2021 18:06
Zinc	**143**	mg/Kg		1/15/2021 18:06

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B10S1		
Lab Sample ID:	210161-11	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.395**	mg/Kg		1/15/2021 09:39

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B11S1		
Lab Sample ID:	210161-12	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**10500**	mg/Kg		1/15/2021 18:11
Antimony	< 3.25	mg/Kg		1/15/2021 18:11
Arsenic	**6.33**	mg/Kg		1/15/2021 18:11
Barium	**107**	mg/Kg		1/15/2021 18:11
Beryllium	**0.316**	mg/Kg		1/15/2021 18:11
Cadmium	**1.13**	mg/Kg		1/15/2021 18:11
Calcium	**47000**	mg/Kg		1/15/2021 19:11
Chromium	**12.8**	mg/Kg		1/15/2021 18:11
Cobalt	**4.48**	mg/Kg		1/15/2021 18:11
Copper	**27.0**	mg/Kg		1/15/2021 18:11
Iron	**13200**	mg/Kg		1/15/2021 18:11
Lead	**166**	mg/Kg		1/15/2021 18:11
Magnesium	**6590**	mg/Kg		1/15/2021 18:11
Manganese	**732**	mg/Kg		1/15/2021 19:11
Nickel	**9.62**	mg/Kg		1/15/2021 18:11
Potassium	**1320**	mg/Kg		1/15/2021 18:11
Selenium	**1.91**	mg/Kg		1/15/2021 18:11
Silver	**0.704**	mg/Kg		1/15/2021 18:11
Sodium	**222**	mg/Kg		1/15/2021 18:11
Thallium	< 4.07	mg/Kg		1/18/2021 09:28
Vanadium	**18.4**	mg/Kg		1/15/2021 18:11
Zinc	**246**	mg/Kg		1/15/2021 18:11

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B11S1		
Lab Sample ID:	210161-12	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.00837	mg/Kg		1/15/2021 09:41

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: Hg210115A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: B12S1
Lab Sample ID: 210161-13 **Date Sampled:** 1/7/2021
Matrix: Soil **Date Received:** 1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**11900**	mg/Kg		1/15/2021 19:44
Antimony	< 3.67 UJ	mg/Kg	M	1/15/2021 19:44
Arsenic	**7.15**	mg/Kg		1/15/2021 19:44
Barium	**109**	mg/Kg		1/15/2021 19:44
Beryllium	**0.193**	mg/Kg	J	1/15/2021 19:44
Cadmium	**0.837** J	mg/Kg	M	1/15/2021 19:44
Calcium	**18500**	mg/Kg		1/15/2021 19:44
Chromium	**14.3**	mg/Kg		1/15/2021 19:44
Cobalt	**6.71**	mg/Kg	D	1/15/2021 19:44
Copper	**19.4**	mg/Kg		1/15/2021 19:44
Iron	**14400**	mg/Kg		1/15/2021 19:44
Lead	**270** J	mg/Kg	DM	1/15/2021 19:44
Magnesium	**6970**	mg/Kg	D	1/15/2021 19:44
Manganese	**404** J	mg/Kg	M	1/15/2021 21:08
Nickel	**13.3**	mg/Kg	M	1/15/2021 19:44
Potassium	**1760**	mg/Kg		1/15/2021 19:44
Selenium	**2.27** J	mg/Kg	DM	1/15/2021 19:44
Silver	**0.606**	mg/Kg	J	1/15/2021 19:44
Sodium	**173**	mg/Kg		1/15/2021 19:44
Thallium	< 1.53 UJ	mg/Kg	M	1/15/2021 19:44
Vanadium	**21.8**	mg/Kg		1/15/2021 19:44
Zinc	**146** J	mg/Kg	M	1/15/2021 19:44

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B12S1		
Lab Sample ID:	210161-13	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.406**	mg/Kg		1/15/2021 09:52

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B13S1		
Lab Sample ID:	210161-14	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**12200**	mg/Kg		1/15/2021 20:05
Antimony	< 3.31	mg/Kg		1/15/2021 20:05
Arsenic	**3.03**	mg/Kg		1/15/2021 20:05
Barium	**71.0**	mg/Kg		1/15/2021 20:05
Beryllium	**0.154**	mg/Kg	J	1/15/2021 20:05
Cadmium	**0.662**	mg/Kg		1/15/2021 20:05
Calcium	**47800**	mg/Kg		1/15/2021 21:30
Chromium	**15.0**	mg/Kg		1/15/2021 20:05
Cobalt	**7.10**	mg/Kg		1/15/2021 20:05
Copper	**15.0**	mg/Kg		1/15/2021 20:05
Iron	**17800**	mg/Kg		1/15/2021 20:05
Lead	**8.64**	mg/Kg		1/15/2021 20:05
Magnesium	**17200**	mg/Kg		1/15/2021 20:05
Manganese	**366**	mg/Kg		1/15/2021 20:05
Nickel	**16.1**	mg/Kg		1/15/2021 20:05
Potassium	**2850**	mg/Kg		1/15/2021 20:05
Selenium	**1.04**	mg/Kg	J	1/14/2021 21:57
Silver	**0.608**	mg/Kg		1/15/2021 20:05
Sodium	**188**	mg/Kg		1/15/2021 20:05
Thallium	< 2.76	mg/Kg		1/15/2021 21:30
Vanadium	**21.9**	mg/Kg		1/15/2021 20:05
Zinc	**57.8**	mg/Kg		1/15/2021 20:05

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B13S1		
Lab Sample ID:	210161-14	**Date Sampled:**	1/7/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.00816**	mg/Kg	J	1/15/2021 09:53

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B14S1		
Lab Sample ID:	210161-15	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**7480**	mg/Kg		1/15/2021 20:09
Antimony	< 3.25	mg/Kg		1/15/2021 20:09
Arsenic	**4.30**	mg/Kg		1/15/2021 20:09
Barium	**60.4**	mg/Kg		1/15/2021 20:09
Beryllium	< 0.271	mg/Kg		1/15/2021 20:09
Cadmium	**0.625**	mg/Kg		1/15/2021 20:09
Calcium	**9140**	mg/Kg		1/15/2021 20:09
Chromium	**9.95**	mg/Kg		1/15/2021 20:09
Cobalt	**6.50**	mg/Kg		1/15/2021 20:09
Copper	**17.5**	mg/Kg		1/15/2021 20:09
Iron	**11000**	mg/Kg		1/15/2021 20:09
Lead	**182**	mg/Kg		1/15/2021 20:09
Magnesium	**3900**	mg/Kg		1/15/2021 20:09
Manganese	**261**	mg/Kg		1/15/2021 20:09
Nickel	**11.1**	mg/Kg		1/15/2021 20:09
Potassium	**1530**	mg/Kg		1/15/2021 20:09
Selenium	**1.31**	mg/Kg		1/15/2021 20:09
Silver	**0.418**	mg/Kg	J	1/15/2021 20:09
Sodium	**93.5**	mg/Kg	J	1/15/2021 20:09
Thallium	< 1.35	mg/Kg		1/15/2021 20:09
Vanadium	**16.3**	mg/Kg		1/15/2021 20:09
Zinc	**120**	mg/Kg		1/15/2021 20:09

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B14S1		
Lab Sample ID:	210161-15	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result		Units	Qualifier	Date Analyzed
Mercury	~~0.153~~	R	mg/Kg	D	1/15/2021 10:07

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

MKP 2/26/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B15S1		
Lab Sample ID:	210161-16	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**10400**	mg/Kg		1/15/2021 20:23
Antimony	< 3.33	mg/Kg		1/15/2021 20:23
Arsenic	**19.3**	mg/Kg		1/15/2021 20:23
Barium	**97.7**	mg/Kg		1/15/2021 20:23
Beryllium	**0.178**	mg/Kg	J	1/15/2021 20:23
Cadmium	**0.595**	mg/Kg		1/15/2021 20:23
Calcium	**26200**	mg/Kg		1/15/2021 20:23
Chromium	**11.4**	mg/Kg		1/15/2021 20:23
Cobalt	**6.90**	mg/Kg		1/15/2021 20:23
Copper	**18.1**	mg/Kg		1/15/2021 20:23
Iron	**17400**	mg/Kg		1/15/2021 20:23
Lead	**125**	mg/Kg		1/15/2021 20:23
Magnesium	**12600**	mg/Kg		1/15/2021 20:23
Manganese	**469**	mg/Kg		1/15/2021 20:23
Nickel	**10.8**	mg/Kg		1/15/2021 20:23
Potassium	**1500**	mg/Kg		1/15/2021 20:23
Selenium	**0.667**	mg/Kg	J	1/14/2021 22:16
Silver	**1.11**	mg/Kg		1/15/2021 20:23
Sodium	**121**	mg/Kg	J	1/15/2021 20:23
Thallium	< 2.78	mg/Kg		1/15/2021 21:39
Vanadium	**19.5**	mg/Kg		1/15/2021 20:23
Zinc	**124**	mg/Kg		1/15/2021 20:23

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B15S1		
Lab Sample ID:	210161-16	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.166**	mg/Kg		1/15/2021 10:12

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S1		
Lab Sample ID:	210161-17	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**9740**	mg/Kg		1/15/2021 20:27
Antimony	< 3.31	mg/Kg		1/15/2021 20:27
Arsenic	**5.87**	mg/Kg		1/15/2021 20:27
Barium	**95.1**	mg/Kg		1/15/2021 20:27
Beryllium	< 0.276	mg/Kg		1/15/2021 20:27
Cadmium	**0.720**	mg/Kg		1/15/2021 20:27
Calcium	**19100**	mg/Kg		1/15/2021 20:27
Chromium	**11.8**	mg/Kg		1/15/2021 20:27
Cobalt	**6.34**	mg/Kg		1/15/2021 20:27
Copper	**17.7**	mg/Kg		1/15/2021 20:27
Iron	**13500**	mg/Kg		1/15/2021 20:27
Lead	**178**	mg/Kg		1/15/2021 20:27
Magnesium	**9980**	mg/Kg		1/15/2021 20:27
Manganese	**405**	mg/Kg		1/15/2021 20:27
Nickel	**10.7**	mg/Kg		1/15/2021 20:27
Potassium	**1480**	mg/Kg		1/15/2021 20:27
Selenium	**1.79**	mg/Kg		1/15/2021 20:27
Silver	**0.568**	mg/Kg		1/15/2021 20:27
Sodium	**84.2**	mg/Kg	J	1/15/2021 20:27
Thallium	< 1.38	mg/Kg		1/15/2021 20:27
Vanadium	**19.9**	mg/Kg		1/15/2021 20:27
Zinc	**136**	mg/Kg		1/15/2021 20:27

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S1		
Lab Sample ID:	210161-17	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.331**	mg/Kg		1/15/2021 10:14

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S2		
Lab Sample ID:	210161-18	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**2340**	mg/Kg		1/15/2021 20:31
Antimony	< 3.10	mg/Kg		1/15/2021 20:31
Arsenic	**1.01**	mg/Kg		1/15/2021 20:31
Barium	**8.96**	mg/Kg		1/15/2021 20:31
Beryllium	< 0.258	mg/Kg		1/15/2021 20:31
Cadmium	**0.224**	mg/Kg	J	1/15/2021 20:31
Calcium	**55300**	mg/Kg		1/15/2021 21:48
Chromium	**3.53**	mg/Kg		1/15/2021 20:31
Cobalt	**1.67**	mg/Kg	J	1/15/2021 20:31
Copper	**5.50**	mg/Kg		1/15/2021 20:31
Iron	**4720**	mg/Kg		1/15/2021 20:31
Lead	**5.57**	mg/Kg		1/15/2021 20:31
Magnesium	**20200**	mg/Kg		1/15/2021 20:31
Manganese	**213**	mg/Kg		1/15/2021 20:31
Nickel	**2.85**	mg/Kg		1/15/2021 20:31
Potassium	**624**	mg/Kg		1/15/2021 20:31
Selenium	**0.773**	mg/Kg	J	1/15/2021 20:31
Silver	< 0.517	mg/Kg		1/15/2021 20:31
Sodium	**109**	mg/Kg	J	1/15/2021 20:31
Thallium	< 1.29	mg/Kg		1/15/2021 20:31
Vanadium	**7.00**	mg/Kg		1/15/2021 20:31
Zinc	**43.4**	mg/Kg		1/15/2021 20:31

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B17S2		
Lab Sample ID:	210161-18	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.00850	mg/Kg		1/15/2021 10:15

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B18S1		
Lab Sample ID:	210161-19	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**12200**	mg/Kg		1/15/2021 20:36
Antimony	< 3.56	mg/Kg		1/15/2021 20:36
Arsenic	**4.77**	mg/Kg		1/15/2021 20:36
Barium	**109**	mg/Kg		1/15/2021 20:36
Beryllium	**0.197**	mg/Kg	J	1/15/2021 20:36
Cadmium	**0.716**	mg/Kg		1/15/2021 20:36
Calcium	**10500**	mg/Kg		1/15/2021 20:36
Chromium	**13.9**	mg/Kg		1/15/2021 20:36
Cobalt	**7.73**	mg/Kg		1/15/2021 20:36
Copper	**19.5**	mg/Kg		1/15/2021 20:36
Iron	**15300**	mg/Kg		1/15/2021 20:36
Lead	**196**	mg/Kg		1/15/2021 20:36
Magnesium	**5390**	mg/Kg		1/15/2021 20:36
Manganese	**721**	mg/Kg		1/15/2021 22:03
Nickel	**11.0**	mg/Kg		1/15/2021 20:36
Potassium	**1440**	mg/Kg		1/15/2021 20:36
Selenium	**2.05**	mg/Kg		1/15/2021 20:36
Silver	**0.626**	mg/Kg		1/15/2021 20:36
Sodium	**80.4**	mg/Kg	J	1/15/2021 20:36
Thallium	< 2.96	mg/Kg		1/15/2021 22:03
Vanadium	**23.8**	mg/Kg		1/15/2021 20:36
Zinc	**128**	mg/Kg		1/15/2021 20:36

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B18S1		
Lab Sample ID:	210161-19	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.251**	mg/Kg		1/15/2021 10:17

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B19S1		
Lab Sample ID:	210161-20	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**11600**	mg/Kg		1/15/2021 20:40
Antimony	< 3.57	mg/Kg		1/15/2021 20:40
Arsenic	**3.28**	mg/Kg		1/15/2021 20:40
Barium	**66.5**	mg/Kg		1/15/2021 20:40
Beryllium	< 0.298	mg/Kg		1/15/2021 20:40
Cadmium	**0.530**	mg/Kg		1/15/2021 20:40
Calcium	**4800**	mg/Kg		1/15/2021 20:40
Chromium	**14.4**	mg/Kg		1/15/2021 20:40
Cobalt	**6.73**	mg/Kg		1/15/2021 20:40
Copper	**15.2**	mg/Kg		1/15/2021 20:40
Iron	**15900**	mg/Kg		1/15/2021 20:40
Lead	**45.0**	mg/Kg		1/15/2021 20:40
Magnesium	**2960**	mg/Kg		1/15/2021 20:40
Manganese	**189**	mg/Kg		1/15/2021 20:40
Nickel	**11.0**	mg/Kg		1/15/2021 20:40
Potassium	**1230**	mg/Kg		1/15/2021 20:40
Selenium	**1.71**	mg/Kg		1/15/2021 20:40
Silver	**0.455**	mg/Kg	J	1/15/2021 20:40
Sodium	< 149	mg/Kg		1/15/2021 20:40
Thallium	< 1.49	mg/Kg		1/15/2021 20:40
Vanadium	**24.8**	mg/Kg		1/15/2021 20:40
Zinc	**79.5**	mg/Kg		1/15/2021 20:40

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B19S1		
Lab Sample ID:	210161-20	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**67.7**	mg/Kg		1/15/2021 10:43

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B21S1		
Lab Sample ID:	210161-21	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**3250**	mg/Kg		1/15/2021 20:44
Antimony	< 3.43	mg/Kg		1/15/2021 20:44
Arsenic	**1.75**	mg/Kg		1/15/2021 20:44
Barium	**13.0**	mg/Kg		1/15/2021 20:44
Beryllium	< 0.285	mg/Kg		1/15/2021 20:44
Cadmium	**0.287**	mg/Kg		1/15/2021 20:44
Calcium	**58400**	mg/Kg		1/15/2021 22:12
Chromium	**7.13**	mg/Kg		1/15/2021 20:44
Cobalt	**2.11**	mg/Kg	J	1/15/2021 20:44
Copper	**5.64**	mg/Kg		1/15/2021 20:44
Iron	**6310**	mg/Kg		1/15/2021 20:44
Lead	**5.43**	mg/Kg		1/15/2021 20:44
Magnesium	**24500**	mg/Kg		1/15/2021 20:44
Manganese	**212**	mg/Kg		1/15/2021 20:44
Nickel	**3.77**	mg/Kg		1/15/2021 20:44
Potassium	**778**	mg/Kg		1/15/2021 20:44
Selenium	**0.874**	mg/Kg	J	1/15/2021 20:44
Silver	< 0.571	mg/Kg		1/15/2021 20:44
Sodium	**128**	mg/Kg	J	1/15/2021 20:44
Thallium	< 1.43	mg/Kg		1/15/2021 20:44
Vanadium	**9.49**	mg/Kg		1/15/2021 20:44
Zinc	**41.8**	mg/Kg		1/15/2021 20:44

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B21S1		
Lab Sample ID:	210161-21	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.00785**	mg/Kg	J	1/15/2021 10:28

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B22S1		
Lab Sample ID:	210161-22	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**7920**	mg/Kg		1/15/2021 20:49
Antimony	< 3.34	mg/Kg		1/15/2021 20:49
Arsenic	**2.44**	mg/Kg		1/15/2021 20:49
Barium	**27.1**	mg/Kg		1/15/2021 20:49
Beryllium	< 0.278	mg/Kg		1/15/2021 20:49
Cadmium	**0.265**	mg/Kg	J	1/15/2021 20:49
Calcium	**8330**	mg/Kg		1/15/2021 20:49
Chromium	**8.32**	mg/Kg		1/15/2021 20:49
Cobalt	**3.63**	mg/Kg		1/15/2021 20:49
Copper	**10.4**	mg/Kg		1/15/2021 20:49
Iron	**8460**	mg/Kg		1/15/2021 20:49
Lead	**22.7**	mg/Kg		1/15/2021 20:49
Magnesium	**5150**	mg/Kg		1/15/2021 20:49
Manganese	**123**	mg/Kg		1/15/2021 20:49
Nickel	**6.53**	mg/Kg		1/15/2021 20:49
Potassium	**870**	mg/Kg		1/15/2021 20:49
Selenium	**0.959**	mg/Kg	J	1/15/2021 20:49
Silver	< 0.556	mg/Kg		1/15/2021 20:49
Sodium	**106**	mg/Kg	J	1/15/2021 20:49
Thallium	< 1.39	mg/Kg		1/15/2021 20:49
Vanadium	**14.1**	mg/Kg		1/15/2021 20:49
Zinc	**67.8**	mg/Kg		1/15/2021 20:49

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210161

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	B22S1		
Lab Sample ID:	210161-22	**Date Sampled:**	1/8/2021
Matrix:	Soil	**Date Received:**	1/12/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0354**	mg/Kg		1/15/2021 10:30

Method Reference(s): EPA 7471B
Preparation Date: 1/14/2021
Data File: QC210115B

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ALPHA ANALYTICAL

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Alpha Analytical

Laboratory Code: 11148

SDG Number: L2101193

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Project Name: PILGRIM VILLAGE FAMILY
Project Number: PILGRIM VILLAGE

Lab Number: L2101193
Report Date: 01/15/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2101193-01	B1S1	SOIL	Not Specified	01/07/21 09:50	01/08/21
L2101193-02	B2S1	SOIL	Not Specified	01/07/21 10:20	01/08/21
L2101193-03	B3S1	SOIL	Not Specified	01/07/21 10:50	01/08/21
L2101193-04	B4S1	SOIL	Not Specified	01/07/21 11:10	01/08/21
L2101193-05	B5S2	SOIL	Not Specified	01/07/21 11:35	01/08/21
L2101193-06	B6S1	SOIL	Not Specified	01/07/21 12:00	01/08/21
L2101193-07	B7S1	SOIL	Not Specified	01/07/21 12:20	01/08/21
L2101193-08	B7S10	SOIL	Not Specified	01/07/21 12:50	01/08/21
L2101193-09	B8S1	SOIL	Not Specified	01/07/21 14:00	01/08/21
L2101193-10	B9S1	SOIL	Not Specified	01/07/21 14:20	01/08/21
L2101193-11	B10S1	SOIL	Not Specified	01/07/21 14:40	01/08/21
L2101193-12	B11S1	SOIL	Not Specified	01/07/21 15:00	01/08/21
L2101193-13	B12S1	SOIL	Not Specified	01/07/21 15:20	01/08/21
L2101193-14	B13S1	SOIL	Not Specified	01/07/21 15:50	01/08/21
L2101193-15	B14S1	SOIL	Not Specified	01/08/21 08:40	01/08/21
L2101193-16	B15S1	SOIL	Not Specified	01/08/21 09:00	01/08/21
L2101193-17	B17S1	SOIL	Not Specified	01/08/21 09:40	01/08/21
L2101193-18	B17S2	SOIL	Not Specified	01/08/21 09:50	01/08/21
L2101193-19	B18S1	SOIL	Not Specified	01/08/21 10:15	01/08/21
L2101193-20	B19S1	SOIL	Not Specified	01/08/21 10:30	01/08/21
L2101193-21	B20S1	SOIL	Not Specified	01/08/21 10:45	01/08/21
L2101193-22	B21S1	SOIL	Not Specified	01/08/21 11:00	01/08/21
L2101193-23	B22S1	SOIL	Not Specified	01/08/21 11:20	01/08/21
L2101193-24	B5S1	SOIL	Not Specified	01/07/21 11:30	01/08/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2101193-25	B16S1	SOIL	Not Specified	01/08/21 10:45	01/08/21

Case Narrative (continued)

Report Submission

January 15, 2021: This final report includes the results of all requested analyses.

January 14, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

Perfluorinated Alkyl Acids by Isotope Dilution

L2101193-03, -09, and -13: The MeOH fraction of the extraction is reported for the following compounds due to better extraction efficiency of the Surrogates (Extracted Internal Standards): Perfluorooctanesulfonamide (FOSA).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris Report Date: 01/15/21

Title: Technical Director/Representative

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 3 L 2101193

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	Paradigm Environmental	CLIENT:	Same	
ADDRESS:	179 Lake Avenue	ADDRESS:		
CITY:	Rochester STATE: NY ZIP 14608	CITY:	STATE: ZIP:	Results by 3 PM
PHONE:	585-647-2530	PHONE:		Email:
ATTN:	reporting@paradigmenv.com	ATTN:	accpay@paradigmenv.com	

PROJECT REFERENCE
Pilgrim Village Family

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Silver	PFAS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/7/21	9:50		X	B151			X		*NOTE*	
	10:20			~~B252~~ B251			X		The sample's ID	
	10:50			B351				X	is B#5# not	
	11:10			B451			X		5s.	
	11:35			B552			X			
	12:00			B651			X			
	12:20			B751			X			
	12:50			~~B851~~ B7510			X			
↓	14:00		↓	B851			X	X		

Turnaround Time		Report Supplements			
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Other		Other		Other EDD	

Client

Sampled By	Date/Time	
Brian Zlock	1/8/21	16 45
Relinquished By	Date/Time	
D. Thomas DHL	1/8/21	16 45
Received By	Date/Time	
D. Thomas DHL	1/8/21	16 45
Received @ Lab By	Date/Time	
REL	1/9/21	00:30

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

2 of 3
L2101193

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT:	Paradigm Environmental	CLIENT:	Same	LAB PROJECT ID
ADDRESS:	179 Lake Avenue	ADDRESS:		
CITY:	Rochester STATE: NY ZIP 14608	CITY: STATE: ZIP:		Results by 3 PM
PHONE:	585-647-2530	PHONE:		Email:
ATTN:	reporting@paradigmenv.com	ATTN:	accpay@paradigmenv.com	

PROJECT REFERENCE
Pilgrim Village Family

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Silver	PFAS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/7/21				B9S1			X		~~*NOTE*~~	
				B10S1			X			
				B11S1			X			
				B12S1			X	X		
				B13S1			X			
1/8/21				B14S1			X			
				B15S1			X			
				B17S1			X			
				B17S2			X			

Turnaround Time		Report Supplements			
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Other		Other		Other EDD	

Client

Sampled By	Brian Zuch	Date/Time 1/8/21
Relinquished By	J. Adam AAL	Date/Time 1/8/21 16:45
Received By	J. Adam ONT	Date/Time 1/8/21 16:45
Received @ Lab By	IRL	Date/Time 1/9/21 00:30

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

L2101193 3 of 3

REPORT TO:		INVOICE TO:		
CLIENT:	Paradigm Environmental	CLIENT:	Same	LAB PROJECT ID
ADDRESS:	179 Lake Avenue	ADDRESS:		
CITY:	Rochester STATE: NY ZIP 14608	CITY:	STATE: ZIP:	Results by 3 PM
PHONE:	585-647-2530	PHONE:		Email:
ATTN:	reporting@paradigmenv.com	ATTN:	accpay@paradigmenv.com	

PROJECT REFERENCE
Pilgrim Village Family

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Silvex	PFAS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/8/21	10:15		X	B1851			X			
	10:30			B1451			X			
	10:45			B2051					No tests needed	
	11:00			B2151			X			
	11:20			B2251			X	X		

Turnaround Time		Report Supplements			
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Other		Other		Other EDD	

Client

		Date/Time
Sampled By	Brian Zach	1/8/21 16:45
Relinquished By	[signature] AKL	1/8/21 16:45
Received By	[signature] AKL	1/8/21 16:45
Received @ Lab By	RCL [signature]	1/9/21 00:30

PFAAs

No Data Validation Qualifiers Were Added

MKP 2/25/2021

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	Lab Number	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	Project Number	: PILGRIM VILLAGE
Lab ID	: L2101193-03	Date Collected	: 01/07/21 10:50
Client ID	: B3S1	Date Received	: 01/08/21
Sample Location	:	Date Analyzed	: 01/11/21 09:39
Sample Matrix	: SOIL	Date Extracted	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I31097	Analyst	: HT
Sample Amount	: 4.41 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	0.033	0.550	0.025	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.550	0.051	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.275	0.043	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.550	0.058	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.275	0.050	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.275	0.067	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.275	0.046	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.550	0.198	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.550	0.150	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.275	0.083	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.275	0.143	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.275	0.074	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.550	0.316	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.550	0.222	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.550	0.052	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.550	0.168	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.550	0.093	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.550	0.077	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-03	**Date Collected**	: 01/07/21 10:50
Client ID	: B3S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 09:39
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I31097	**Analyst**	: HT
Sample Amount	: 4.41 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 82
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.550	0.225	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.550	0.059	U
NONE	PFOA/PFOS, Total	ND	0.275	0.046	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-03	**Date Collected**	: 01/07/21 10:50
Client ID	: B3S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 17:52
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: M01048	**Analyst**	: RS
Sample Amount	: 4.41 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 82
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.550	0.108	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	Lab Number	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	Project Number	: PILGRIM VILLAGE
Lab ID	: L2101193-09	Date Collected	: 01/07/21 14:00
Client ID	: B8S1	Date Received	: 01/08/21
Sample Location	:	Date Analyzed	: 01/11/21 10:20
Sample Matrix	: SOIL	Date Extracted	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I31098	Analyst	: HT
Sample Amount	: 4.23 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	0.027	0.542	0.025	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.542	0.050	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.271	0.042	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.542	0.057	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.271	0.049	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.271	0.066	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.271	0.045	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.542	0.195	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.542	0.148	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.271	0.081	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.271	0.141	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.271	0.073	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.542	0.311	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.542	0.218	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.542	0.051	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.542	0.166	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.542	0.092	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.542	0.076	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-09	**Date Collected**	: 01/07/21 14:00
Client ID	: B8S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 10:20
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I31098	**Analyst**	: HT
Sample Amount	: 4.23 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.542	0.222	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.542	0.059	U
NONE	PFOA/PFOS, Total	ND	0.271	0.045	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-09	**Date Collected**	: 01/07/21 14:00
Client ID	: B8S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 18:00
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: M01049	**Analyst**	: RS
Sample Amount	: 4.23 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.542	0.106	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	Lab Number	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	Project Number	: PILGRIM VILLAGE
Lab ID	: L2101193-13	Date Collected	: 01/07/21 15:20
Client ID	: B12S1	Date Received	: 01/08/21
Sample Location	:	Date Analyzed	: 01/11/21 10:37
Sample Matrix	: SOIL	Date Extracted	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I31099	Analyst	: HT
Sample Amount	: 4.54 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.528	0.024	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.528	0.049	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.264	0.041	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.528	0.055	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.264	0.048	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.264	0.064	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.264	0.044	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.528	0.189	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.528	0.144	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.264	0.079	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.264	0.137	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.264	0.071	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.528	0.303	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.528	0.213	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.528	0.049	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.528	0.161	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.528	0.089	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.528	0.074	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-13	**Date Collected**	: 01/07/21 15:20
Client ID	: B12S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 10:37
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I31099	**Analyst**	: HT
Sample Amount	: 4.54 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.528	0.216	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.528	0.057	U
NONE	PFOA/PFOS, Total	ND	0.264	0.044	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-13	**Date Collected**	: 01/07/21 15:20
Client ID	: B12S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 18:07
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: M01050	**Analyst**	: RS
Sample Amount	: 4.54 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.528	0.103	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	Lab Number	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	Project Number	: PILGRIM VILLAGE
Lab ID	: L2101193-23	Date Collected	: 01/08/21 11:20
Client ID	: B22S1	Date Received	: 01/08/21
Sample Location	:	Date Analyzed	: 01/11/21 10:53
Sample Matrix	: SOIL	Date Extracted	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I31100	Analyst	: HT
Sample Amount	: 4.37 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/g			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.544	0.025	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.544	0.050	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.272	0.042	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.544	0.057	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.272	0.049	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.272	0.066	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.272	0.046	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.544	0.195	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.544	0.148	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.272	0.082	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.272	0.141	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.272	0.073	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.544	0.312	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.544	0.219	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.544	0.051	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.544	0.166	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	0.544	0.106	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.544	0.092	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-23	**Date Collected**	: 01/08/21 11:20
Client ID	: B22S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 10:53
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I31100	**Analyst**	: HT
Sample Amount	: 4.37 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 2000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.544	0.076	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.544	0.222	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	0.544	0.059	U
NONE	PFOA/PFOS, Total	ND	0.272	0.046	U

Herbicide Sample Data

No Data Validation Qualifiers Were Added

MKP 2/25/2021

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-01	**Date Collected**	: 01/07/21 09:50
Client ID	: B1S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 18:56
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-10	**Analyst**	: EJL
Sample Amount	: 30.42 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	192	12.1	U
93-76-5	2,4,5-T	ND	192	5.95	U
93-72-1	2,4,5-TP (Silvex)	ND	192	5.11	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-02	**Date Collected**	: 01/07/21 10:20
Client ID	: B2S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 19:14
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-11	**Analyst**	: EJL
Sample Amount	: 30.67 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	195	12.3	U
93-76-5	2,4,5-T	ND	195	6.05	U
93-72-1	2,4,5-TP (Silvex)	ND	195	5.19	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-04	**Date Collected**	: 01/07/21 11:10
Client ID	: B4S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 19:32
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-12	**Analyst**	: EJL
Sample Amount	: 30.55 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 83
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	198	12.5	U
93-76-5	2,4,5-T	ND	198	6.14	U
93-72-1	2,4,5-TP (Silvex)	ND	198	5.27	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-05	**Date Collected**	: 01/07/21 11:35
Client ID	: B5S2	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 19:50
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-13	**Analyst**	: EJL
Sample Amount	: 30.45 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	196	12.3	U
93-76-5	2,4,5-T	ND	196	6.07	U
93-72-1	2,4,5-TP (Silvex)	ND	196	5.21	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-06	**Date Collected**	: 01/07/21 12:00
Client ID	: B6S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 20:09
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-14	**Analyst**	: EJL
Sample Amount	: 30.81 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	190	12.0	U
93-76-5	2,4,5-T	ND	190	5.88	U
93-72-1	2,4,5-TP (Silvex)	ND	190	5.05	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-07	**Date Collected**	: 01/07/21 12:20
Client ID	: B7S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 20:27
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-15	**Analyst**	: EJL
Sample Amount	: 30.49 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 83
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	198	12.5	U
93-76-5	2,4,5-T	ND	198	6.14	U
93-72-1	2,4,5-TP (Silvex)	ND	198	5.27	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-08	**Date Collected**	: 01/07/21 12:50
Client ID	: B7S10	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 21:03
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-17	**Analyst**	: EJL
Sample Amount	: 30.51 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 85
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	194	12.2	U
93-76-5	2,4,5-T	ND	194	6.01	U
93-72-1	2,4,5-TP (Silvex)	ND	194	5.16	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-09	**Date Collected**	: 01/07/21 14:00
Client ID	: B8S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 21:22
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-18	**Analyst**	: EJL
Sample Amount	: 30.93 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	185	11.7	U
93-76-5	2,4,5-T	ND	185	5.75	U
93-72-1	2,4,5-TP (Silvex)	ND	185	4.93	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-10	**Date Collected**	: 01/07/21 14:20
Client ID	: B9S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 21:40
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-19	**Analyst**	: EJL
Sample Amount	: 30.32 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 80
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	206	13.0	U
93-76-5	2,4,5-T	ND	206	6.39	U
93-72-1	2,4,5-TP (Silvex)	ND	206	5.48	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-11	**Date Collected**	: 01/07/21 14:40
Client ID	: B10S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 21:58
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-20	**Analyst**	: EJL
Sample Amount	: 30.56 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	194	12.2	U
93-76-5	2,4,5-T	ND	194	6.01	U
93-72-1	2,4,5-TP (Silvex)	ND	194	5.16	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-12	**Date Collected**	: 01/07/21 15:00
Client ID	: B11S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 22:16
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-21	**Analyst**	: EJL
Sample Amount	: 30.62 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 78
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	209	13.2	U
93-76-5	2,4,5-T	ND	209	6.47	U
93-72-1	2,4,5-TP (Silvex)	ND	209	5.55	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-13	**Date Collected**	: 01/07/21 15:20
Client ID	: B12S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 22:34
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-22	**Analyst**	: EJL
Sample Amount	: 30.68 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	195	12.3	U
93-76-5	2,4,5-T	ND	195	6.05	U
93-72-1	2,4,5-TP (Silvex)	ND	195	5.19	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-14	**Date Collected**	: 01/07/21 15:50
Client ID	: B13S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 22:52
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-23	**Analyst**	: EJL
Sample Amount	: 30.57 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 77
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	212	13.3	U
93-76-5	2,4,5-T	ND	212	6.56	U
93-72-1	2,4,5-TP (Silvex)	ND	212	5.63	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-15	**Date Collected**	: 01/08/21 08:40
Client ID	: B14S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 23:11
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-24	**Analyst**	: EJL
Sample Amount	: 30.63 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	194	12.2	U
93-76-5	2,4,5-T	ND	194	6.00	U
93-72-1	2,4,5-TP (Silvex)	ND	194	5.15	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-16	**Date Collected**	: 01/08/21 09:00
Client ID	: B15S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 23:29
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-25	**Analyst**	: EJL
Sample Amount	: 30.6 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	190	12.0	U
93-76-5	2,4,5-T	ND	190	5.90	U
93-72-1	2,4,5-TP (Silvex)	ND	190	5.06	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-17	**Date Collected**	: 01/08/21 09:40
Client ID	: B17S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/11/21 23:47
Sample Matrix	: SOIL	**Date Extracted**	: 01/10/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210111b-26	**Analyst**	: EJL
Sample Amount	: 30.81 g	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	194	12.2	U
93-76-5	2,4,5-T	ND	194	6.00	U
93-72-1	2,4,5-TP (Silvex)	ND	194	5.15	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-18	**Date Collected**	: 01/08/21 09:50
Client ID	: B17S2	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/13/21 15:05
Sample Matrix	: SOIL	**Date Extracted**	: 01/11/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 22210113a-19	**Analyst**	: EJL
Sample Amount	: 30.78 g	**Instrument ID**	: PEST22
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	186	11.7	U
93-76-5	2,4,5-T	ND	186	5.76	U
93-72-1	2,4,5-TP (Silvex)	ND	186	4.94	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-19	**Date Collected**	: 01/08/21 10:15
Client ID	: B18S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/13/21 15:41
Sample Matrix	: SOIL	**Date Extracted**	: 01/11/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 22210113a-21	**Analyst**	: EJL
Sample Amount	: 30.47 g	**Instrument ID**	: PEST22
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 83
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	199	12.5	U
93-76-5	2,4,5-T	ND	199	6.17	U
93-72-1	2,4,5-TP (Silvex)	ND	199	5.29	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-20	**Date Collected**	: 01/08/21 10:30
Client ID	: B19S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/13/21 15:59
Sample Matrix	: SOIL	**Date Extracted**	: 01/11/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 22210113a-22	**Analyst**	: EJL
Sample Amount	: 30.71 g	**Instrument ID**	: PEST22
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 83
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	196	12.4	U
93-76-5	2,4,5-T	ND	196	6.09	U
93-72-1	2,4,5-TP (Silvex)	ND	196	5.22	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-22	**Date Collected**	: 01/08/21 11:00
Client ID	: B21S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/13/21 16:18
Sample Matrix	: SOIL	**Date Extracted**	: 01/11/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 22210113a-23	**Analyst**	: EJL
Sample Amount	: 30.45 g	**Instrument ID**	: PEST22
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	189	11.9	U
93-76-5	2,4,5-T	ND	189	5.87	U
93-72-1	2,4,5-TP (Silvex)	ND	189	5.04	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2101193
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	: PILGRIM VILLAGE
Lab ID	: L2101193-23	**Date Collected**	: 01/08/21 11:20
Client ID	: B22S1	**Date Received**	: 01/08/21
Sample Location	:	**Date Analyzed**	: 01/13/21 16:36
Sample Matrix	: SOIL	**Date Extracted**	: 01/11/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 22210113a-24	**Analyst**	: EJL
Sample Amount	: 30.96 g	**Instrument ID**	: PEST22
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	192	12.1	U
93-76-5	2,4,5-T	ND	192	5.94	U
93-72-1	2,4,5-TP (Silvex)	ND	192	5.10	U

Appendix B

Laboratory QC Documentation

VOLATILE SURROGATE RECOVERY

Lab Name: Paradigm Environmental Services
Lab Project #: 210161
Client Name: BE3
Client Project Name: Pilgrim Village Family
Client Project #: N/A
SDG No.: 0161-01
Matrix: Soil
QC Batch: voas210113

Instrument ID: Instrument1
GC Column 1: DB-624 ID (mm): 0.20 Detector: MSD

	LAB SAMPLE NO.	CLIENT SAMPLE ID	PFB %REC	12DCEd4 %REC	TD8 %REC	4BFB %REC	Total Out
1	Blk 1	N/A	105	99.9	90.7	68.6	0
2	LCS 1	N/A	109	96.3	109	112	0
3	210161-01	B1S1	107	89.0	96.9	76.7	0
4	210161-02	B2S1	104	91.9	93.8	74.6	0
5	210161-05	B5S2	105	94.1	92.7	66.9	0
6	210161-06	B6S1	106	98.4	89.5	62.0	0
7	210161-07	B7S1	105	99.3	90.3	66.8	0
8	210161-08	B7S10	104	105	88.5	68.6	0
9	210161-10	B9S1	97.8	96.2	122 *	97.3	1
10	210161-11	B10S1	100	93.8	94.8	78.5	0
11	210161-12	B11S1	104	97.7	89.5	67.0	0
12	210161-13	B12S1	102	101	90.7	67.3	0
13	210161-14	B13S1	106	104	86.3	66.6	0
14	210161-15	B14S1	104	109	83.7	64.5	0
15	210161-18	B17S2	104	107	85.2	67.9	0
16	210161-19	B18S1	101	113	83.2	57.7	0
17	210161-21	B21S1	103	116	84.4	65.8	0
18	210161-22	B22S1	103	115	82.2	65.2	0
19							
20							
21							
22							
23							
24							
25							

	QC LIMITS %
PFB = Pentafluorobenzene	(92.1 - 115)
12DCEd4 = 1,2-Dichloroethane-d4	(52.5 - 151)
TD8 = Toluene-d8	(74 - 120)
4BFB = 4-Bromofluorobenzene	(37.7 - 146)

* Values outside of current required QC limits
D Surrogate diluted out

FORM II VOA

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Matrix Spike and Matrix Spike Duplicate

SDG #: 0161-01

Client: BE3 **Lab Project ID:** 210161

Project Reference: Pilgrim Village Family

Lab Sample ID: 210161-09
Sample Identifier: B8S1
Matrix: Soil

Date Sampled: 1/7/2021
Date Received: 1/12/2021
Date Analyzed: 1/13/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Sample Result	Result Units	MS Added	MS Result	MS % Recovery	MSD Added	MSD Result	MSD % Recovery	% Rec. Limits	MS Outlier	MSD Outlier	Relative % Diff.	RPD Limit	RPD Outlier
1,2,4-Trichlorobenzene	< 306	ug/Kg	3160	1680	53.2	3060	1650	54.0	47 - 73.6			1.56	20.7	
1,4-Dichlorobenzene	< 306	ug/Kg	3160	1690	53.4	3060	1660	54.3	45.6 - 67.6			1.81	20.7	
2,3,4,6-Tetrachlorophenol	< 306	ug/Kg	4750	2200	46.4	4590	2010	43.8	47.1 - 86.2	*	*	5.83	34.6	
2,4,6-Trichlorophenol	< 306	ug/Kg	4750	2850	60.2	4590	2550	55.6	54.1 - 90			7.79	27.6	
2,4-Dichlorophenol	< 306	ug/Kg	4750	2630	55.3	4590	2520	54.8	50.1 - 81.6			0.957	23.7	
2,4-Dimethylphenol	< 306	ug/Kg	4750	2580	54.4	4590	2460	53.5	40.2 - 90.5			1.64	41.8	
2,4-Dinitrophenol	< 1220	ug/Kg	4750	959	20.2	4590	824	17.9	16.6 - 71.5			11.9	78.3	
2,4-Dinitrotoluene	< 306	ug/Kg	3160	1930	61.0	3060	1810	59.2	48.5 - 84.7			2.99	27.3	
2-Chlorophenol	< 306	ug/Kg	4750	2730	57.5	4590	2600	56.7	49.8 - 78.6			1.44	24.1	
2-Nitrophenol	< 306	ug/Kg	4750	2610	55.1	4590	2360	51.3	48.1 - 77.5			7.08	23.7	
4,6-Dinitro-2-methylphenol	< 612	ug/Kg	4750	1430	30.1	4590	1180	25.7	22 - 96			15.7	57.7	
4-Chloro-3-methylphenol	< 306	ug/Kg	4750	2650	55.8	4590	2480	54.0	49.8 - 84.5			3.30	26.4	
4-Nitrophenol	< 306	ug/Kg	4750	2390	50.4	4590	2140	46.6	30 - 94.5			7.74	40.9	
Acenaphthene	< 306	ug/Kg	3160	1970	62.2	3060	1860	60.9	50.7 - 78.4			2.03	24.5	

Any estimated values are displayed, and derived values calculated, based on numeric result only. See primary analytical report for data flags.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Method Path : C:\msdchem\1\methods\
Method File : ABN201216.M

38)	P	Caprolactam	0.108	0.105	0.109	0.111	0.112	0.111	0.108	0.110	0.109	2.22
39)	P	1,2,4,5-Tetrac...	0.319	0.354	0.308	0.320	0.323	0.326	0.277	0.363	0.324	8.20
40)	P	Biphenyl	0.850	1.029	0.862	0.885	0.881	0.899	0.762	1.040	0.901	10.26
41)	I	Acenaphthene-d10	----------ISTD----------									
42)	P	2-Chloronaphth...	0.369	0.363	0.367	0.380	0.394	0.393	0.391	0.384	0.380#	3.31
43)	PM	Acenaphthene	1.274	1.287	1.259	1.275	1.284	1.288	1.295	1.247	1.276	1.27
44)	P	Acenaphthylene	1.712	1.819	1.858	1.924	1.946	1.982	1.993	1.971	1.901	5.14
45)	P	4-Chlorophenyl...	0.646	0.683	0.776	0.677	0.690	0.696	0.694	0.672	0.692	5.43
46)	P	Dibenzofuran	1.638	1.732	1.758	1.722	1.717	1.752	1.760	1.729	1.726	2.26
47)	P	Diethyl phthalate	1.370	1.364	1.536	1.412	1.418	1.382	1.419	1.327	1.403	4.43
48)	P	Dimethyl phtha...	1.318	1.353	1.346	1.398	1.393	1.400	1.408	1.373	1.374	2.33
49)	PM	2,4-Dinitrophenol	0.043	0.079	0.118	0.169	0.175	0.190	0.203	0.209	0.148	41.48
50)	PM	2,4-Dinitrotol...	0.367	0.417	0.480	0.446	0.447	0.452	0.456	0.444	0.439	7.68
51)	P	2,6-Dinitrotol...	0.277	0.300	0.321	0.332	0.333	0.337	0.335	0.334	0.321	6.76
52)	P	Fluorene	1.369	1.391	1.587	1.435	1.444	1.429	1.458	1.369	1.435	4.87
53)	S	2-Fluorobiphenyl	1.294	1.312	1.339	1.394	1.419	1.464	1.452	1.423	1.387	4.65
54)	P	Hexachlorocycl...	0.243	0.283	0.327	0.373	0.385	0.387	0.373	0.355	0.341	15.47
55)	P	2-Nitroaniline	0.323	0.378	0.399	0.420	0.424	0.430	0.429	0.431	0.404	9.31
56)	P	3-Nitroaniline	0.305	0.325	0.334	0.357	0.351	0.356	0.357	0.355	0.343	5.67
57)	P	4-Nitroaniline	0.299	0.330	0.396	0.350	0.353	0.345	0.346	0.326	0.343	8.08
58)	PM	4-Nitrophenol	0.234	0.259	0.308	0.299	0.305	0.297	0.301	0.277	0.285	9.21
59)	S	2,4,6-Tribromo...	0.165	0.182	0.211	0.191	0.198	0.201	0.196	0.203	0.193	7.40
60)	PM	2,4,6-Trichlor...	0.342	0.345	0.356	0.376	0.373	0.383	0.382	0.393	0.369	5.13
61)	P	2,4,5-Trichlor...	0.373	0.393	0.393	0.407	0.417	0.421	0.425	0.430	0.407	4.80
62)	P	2,3,4,6-Tetrac...	0.308	0.340	0.389	0.330	0.335	0.348	0.349	0.362	0.345	6.92
63)	P	Atrazine	0.347	0.337	0.395						0.360	8.59
64)	I	Phenanthrene-d10	----------ISTD----------									
65)	P	4-Bromophenyl ...	0.201	0.210	0.210	0.211	0.229	0.217	0.183	0.216	0.210	6.33
66)	P	Di-n-butyl pht...	1.026	1.071	1.108	1.193	1.419	1.204	1.046	1.223	1.161	11.06
67)	PM	4,6-Dinitro-2-...	0.069	0.090	0.108	0.134	0.149	0.146	0.126		0.117	25.50
68)	P	Fluoranthene	1.018	1.086	0.938	1.156	1.480	1.195	1.020	1.199	1.137	14.68
69)	P	Hexachlorobenzene	0.202	0.207	0.211	0.210	0.224	0.215	0.183	0.218	0.209	5.90
70)	P	N-Nitrosodiphe...	0.651	0.669	0.659	0.679	0.719	0.682	0.583	0.657	0.662	5.81
71)	PM	Pentachlorophenol	0.075	0.095	0.119	0.128	0.141	0.140			0.116	22.71
72)	P	Anthracene	1.116	1.166	1.163	1.191	1.253	1.187	1.002	1.179	1.157	6.34
73)	P	Phenanthrene	1.143	1.158	1.134	1.153	1.224	1.143	0.963	1.136	1.132	6.52
74)	P	Carbazole	1.017	1.046	1.053	1.055	1.117	1.039	0.896	1.042	1.033	6.02
75)	P	Benzo (a) anth...	0.881	0.923	0.822	1.290	1.431	1.125	0.951	1.134	1.070	19.95
76)	I	Chrysene-d12	----------ISTD----------									
77)		Benzidine	0.565	0.811	0.410						0.595	33.91
78)	P	Bis (2-ethylhe...	0.621	0.706	0.770	0.763	0.775	0.792	0.803	0.770	0.750	7.91
79)	P	Butylbenzylpht...	0.442	0.479	0.523	0.449	0.500	0.555	0.566	0.548	0.508	9.41
80)	P	Chrysene	1.150	1.228	1.215	1.215	1.196	1.212	1.199	1.170	1.198	2.19
81)	P	3,3'-Dichlorob...	0.379	0.409	0.412	0.416	0.408	0.398	0.389	0.409	0.403	3.16
82)	PM	Pyrene	1.183	1.233	1.254	1.042	1.227	1.273	1.276	1.257	1.218	6.33

3 pt ICAL

NT

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\210113\
Data File : B51558.D
Acq On : 13 Jan 2021 12:29 pm
Operator : A. Monfette
Sample : CCV 50PPM 8270 + PyrMulti
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 13 12:52:54 2021
Quant Method : C:\msdchem\1\methods\ABN201216F.M
Quant Title :
QLast Update : Mon Jan 11 11:47:05 2021
Response via : Initial Calibration

Amm 1-13-21

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	138	0.01
2		Pyridine	50.000	49.852	0.3	157	0.00
3	P	Benzaldehyde	50.000	42.937	14.1	152	0.02
4		Benzyl alcohol	50.000	52.109	-4.2	148	0.00
5	P	Bis (2-chloroethyl) ether	50.000	47.981	4.0	135	0.02
6		Bis (2-chloroisopropyl) eth	50.000	56.177	-12.4	157	0.01
7	PM	2-Chlorophenol	50.000	49.698	0.6	137	0.00
8		1,3-Dichlorobenzene	50.000	50.311	-0.6	138	0.02
9	M	1,4-Dichlorobenzene	50.000	50.683	-1.4	141	0.02
10		1,2-Dichlorobenzene	50.000	49.226	1.5	136	0.02
11	S	2-Fluorophenol	100.000	92.703	7.3	144	0.00
12	P	Hexachloroethane	50.000	48.314	3.4	134	0.02
13	P	2-Methylphenol	50.000	52.030	-4.1	145	0.00
14	P	3&4-Methylphenol	50.000	52.641	-5.3	144	0.00
15		N-Nitrosodimethylamine	50.000	48.701	2.6	145	0.00
16	PM	N-Nitroso-di-n-propylamine	50.000	50.505	-1.0	140	0.03
17	PM	Phenol	50.000	52.605	-5.2	144	-0.01
18	S	Phenol-d5	100.000	104.301	-4.3	146	0.00
19	P	Acetophenone	50.000	49.872	0.3	139	0.02
20	P	2-Nitrophenol	50.000	54.808	-9.6	173	0.02
21	P	Bis (2-chloroethoxy) methan	50.000	53.326	-6.7	168	0.02
22	I	Napthalene-d8	40.000	40.000	0.0	170	0.02
23		Aniline	50.000	36.885	26.2#	111	0.00
24		Benzoic acid	50.000	56.650	-13.3	196	0.00
25	P	4-Chloroaniline	50.000	45.508	9.0	153	0.00
26	PM	4-Chloro-3-methylphenol	50.000	47.197	5.6	158	0.00
27	PM	2,4-Dichlorophenol	50.000	47.557	4.9	159	0.00
28	M	2,6-Dichlorophenol	50.000	47.804	4.4	162	0.00
29	PM	2,4-Dimethylphenol	50.000	44.069	11.9	139	0.00
30	P	Hexachlorobutadiene	50.000	44.025	12.0	151	0.02
31	P	Isophorone	50.000	48.670	2.7	164	0.02
32	P	2-Methylnapthalene	50.000	50.787	-1.6	170	0.01
33	P	Naphthalene	50.000	49.166	1.7	168	0.02
34	P	Nitrobenzene	50.000	46.004	8.0	139	0.02
35	S	Nitrobenzene-d5	50.000	47.072	5.9	140	0.01
36		Azobenzene	50.000	47.252	5.5	164	0.01
37	M	1,2,4-Trichlorobenzene	50.000	47.120	5.8	159	0.02
38	P	Caprolactam	50.000	51.255	-2.5	171	0.00
39	P	1,2,4,5-Tetrachlorobenzene	50.000	44.840	10.3	155	0.02
40	P	Biphenyl	50.000	47.136	5.7	163	0.01
41	I	Acenaphthene-d10	40.000	40.000	0.0	160	0.00
42	P	2-Chloronaphthalene	50.000	51.214	-2.4	164	0.01
43	PM	Acenaphthene	50.000	50.245	-0.5	161	0.00
44	P	Acenaphthylene	50.000	50.900	-1.8	161	0.01
45	P	4-Chlorophenyl phenyl ether	50.000	47.971	4.1	157	0.01

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\210113\
Data File : B51558.D
Acq On : 13 Jan 2021 12:29 pm
Operator : A. Monfette
Sample : CCV 50PPM 8270 + PyrMulti
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 13 12:52:54 2021
Quant Method : C:\msdchem\1\methods\ABN201216F.M
Quant Title :
QLast Update : Mon Jan 11 11:47:05 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	P	Dibenzofuran	50.000	49.412	1.2	158	0.00
47	P	Diethyl phthalate	50.000	47.389	5.2	151	0.01
48	P	Dimethyl phthalate	50.000	48.696	2.6	153	0.01
49	PM	2,4-Dinitrophenol	50.000	52.544	-5.1	170	0.01
50	PM	2,4-Dinitrotoluene	50.000	49.110	1.8	155	0.01
51	P	2,6-Dinitrotoluene	50.000	50.086	-0.2	155	0.01
52	P	Fluorene	50.000	48.599	2.8	156	0.00
53	S	2-Fluorobiphenyl	50.000	50.679	-1.4	161	0.01
54	P	Hexachlorocyclopentadiene	50.000	40.762	18.5	128	0.01
55	P	2-Nitroaniline	50.000	53.379	-6.8	164	0.00
56	P	3-Nitroaniline	50.000	52.527	-5.1	161	0.00
57	P	4-Nitroaniline	50.000	51.702	-3.4	162	0.00
58	PM	4-Nitrophenol	50.000	44.874	10.3	137	-0.02
59	S	2,4,6-Tribromophenol	100.000	93.629	6.4	151	0.00
60	PM	2,4,6-Trichlorophenol	50.000	48.802	2.4	153	0.00
61	P	2,4,5-Trichlorophenol	50.000	48.566	2.9	155	0.00
62	P	2,3,4,6-Tetrachlorophenol	50.000	41.944	16.1	141	0.00
63	P	Atrazine	50.000	13.403	73.2#	0	0.00
64	I	Phenanthrene-d10	40.000	40.000	0.0	161	0.01
65	P	4-Bromophenyl phenyl ether	50.000	47.000	6.0	151	0.00
66	P	Di-n-butyl phthalate	50.000	48.208	3.6	151	0.00
67	PM	4,6-Dinitro-2-methylphenol	50.000	45.228	9.5	162	0.01
68	P	Fluoranthene	50.000	47.187	5.6	150	0.00
69	P	Hexachlorobenzene	50.000	49.081	1.8	158	0.00
70	P	N-Nitrosodiphenylamine	50.000	51.042	-2.1	161	0.00
71	PM	Pentachlorophenol	50.000	44.472	11.1	145	0.00
72	P	Anthracene	50.000	49.804	0.4	156	0.00
73	P	Phenanthrene	50.000	48.812	2.4	155	0.01
74	P	Carbazole	50.000	49.176	1.6	155	0.00
75	P	Benzo (a) anthracene	50.000	46.346	7.3	124	0.00
76	I	Chrysene-d12	40.000	40.000	0.0	122	0.00
77		Benzidine	50.000	43.715	12.6	0	0.00
78	P	Bis (2-ethylhexyl) phthalat	50.000	53.637	-7.3	129	0.00
79	P	Butylbenzylphthalate	50.000	53.765	-7.5	148	0.00
80	P	Chrysene	50.000	51.486	-3.0	124	0.00
81	P	3,3'-Dichlorobenzidine	50.000	54.140	-8.3	128	0.00
82	PM	Pyrene	50.000	52.653	-5.3	150	0.00
83	S	Terphenyl-d14	50.000	52.536	-5.1	148	0.00
84	I	Perylene-d12	40.000	40.000	0.0	136	0.01
85	P	Benzo (b) fluoranthene	50.000	46.556	6.9	125	0.00
86	P	Benzo (k) fluoranthene	50.000	51.417	-2.8	123	0.00
87	P	Benzo (g,h,i) perylene	50.000	52.589	-5.2	159	0.00
88	P	Benzo (a) pyrene	50.000	50.498	-1.0	131	0.01
89	P	Dibenz (a,h) anthracene	50.000	52.779	-5.6	156	0.00

Data Path : C:\msdchem\1\data\210113\
Data File : B51594.D
Acq On : 14 Jan 2021 1:24 am
Operator : A. Monfette
Sample : CCV 50PPM 8270 + PyrMulti
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 08:33:47 2021
Quant Method : C:\msdchem\1\methods\ABN201216F.M
Quant Title :
QLast Update : Wed Jan 13 12:55:07 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)	
46	P	Dibenzofuran	50.000	49.167	1.7	158	0.00	
47	P	Diethyl phthalate	50.000	45.976	8.0	146	0.00	
48	P	Dimethyl phthalate	50.000	48.684	2.6	153	0.00	
49	PM	2,4-Dinitrophenol	50.000	49.887	0.2	160	0.00	
50	PM	2,4-Dinitrotoluene	50.000	48.299	3.4	152	0.00	
51	P	2,6-Dinitrotoluene	50.000	50.209	-0.4	155	0.00	
52	P	Fluorene	50.000	48.031	3.9	154	0.00	
53	S	2-Fluorobiphenyl	50.000	50.731	-1.5	162	0.00	
54	P	Hexachlorocyclopentadiene	50.000	33.854	↓ 32.3#	106	0.00	<40
55	P	2-Nitroaniline	50.000	54.279	-8.6	167	0.00	
56	P	3-Nitroaniline	50.000	51.466	-2.9	158	0.00	
57	P	4-Nitroaniline	50.000	52.139	-4.3	164	0.00	
58	PM	4-Nitrophenol	50.000	43.282	13.4	132	0.00	
59	S	2,4,6-Tribromophenol	100.000	91.009	9.0	147	0.00	
60	PM	2,4,6-Trichlorophenol	50.000	47.795	4.4	150	0.00	
61	P	2,4,5-Trichlorophenol	50.000	47.341	5.3	152	0.00	
62	P	2,3,4,6-Tetrachlorophenol	50.000	42.613	14.8	143	0.00	
63	P	Atrazine	50.000	13.253	↓ 73.5#	0	0.00	
64	I	Phenanthrene-d10	40.000	40.000	0.0	146	0.00	
65	P	4-Bromophenyl phenyl ether	50.000	52.531	-5.1	153	0.00	
66	P	Di-n-butyl phthalate	50.000	52.577	-5.2	150	0.00	
67	PM	4,6-Dinitro-2-methylphenol	50.000	47.494	5.0	154	0.00	
68	P	Fluoranthene	50.000	49.982	0.0	144	0.00	
69	P	Hexachlorobenzene	50.000	53.824	-7.6	157	0.00	
70	P	N-Nitrosodiphenylamine	50.000	55.855	-11.7	160	0.00	
71	PM	Pentachlorophenol	50.000	46.023	8.0	136	0.00	
72	P	Anthracene	50.000	54.378	-8.8	155	0.00	
73	P	Phenanthrene	50.000	53.823	-7.6	155	0.00	
74	P	Carbazole	50.000	54.037	-8.1	155	0.00	
75	P	Benzo (a) anthracene	50.000	49.475	1.0	120	0.00	
76	I	Chrysene-d12	40.000	40.000	0.0	120	0.00	
77		Benzidine	50.000	18.546	↓ 62.9#	0	0.00	NT
78	P	Bis (2-ethylhexyl) phthalat	50.000	53.638	-7.3	127	0.00	
79	P	Butylbenzylphthalate	50.000	52.293	-4.6	142	0.00	
80	P	Chrysene	50.000	51.741	-3.5	123	0.00	
81	P	3,3'-Dichlorobenzidine	50.000	54.093	-8.2	126	0.00	
82	PM	Pyrene	50.000	50.865	-1.7	143	0.00	
83	S	Terphenyl-d14	50.000	51.071	-2.1	142	0.00	
84	I	Perylene-d12	40.000	40.000	0.0	136	0.00	
85	P	Benzo (b) fluoranthene	50.000	46.617	6.8	125	0.00	
86	P	Benzo (k) fluoranthene	50.000	50.530	-1.1	121	0.00	
87	P	Benzo (g,h,i) perylene	50.000	53.529	-7.1	161	0.00	
88	P	Benzo (a) pyrene	50.000	50.476	-1.0	130	0.00	
89	P	Dibenz (a,h) anthracene	50.000	53.579	-7.2	158	0.00	

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\210113\
Data File : B51616.D
Acq On : 14 Jan 2021 11:55 am
Operator : A. Monfette
Sample : CCV 50PPM 8270 + PyrMulti
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:25:11 2021
Quant Method : C:\msdchem\1\methods\ABN201216F.M
Quant Title :
QLast Update : Wed Jan 13 12:55:07 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)	
46	P	Dibenzofuran	50.000	49.870	0.3	162	0.00	
47	P	Diethyl phthalate	50.000	47.085	5.8	152	0.00	
48	P	Dimethyl phthalate	50.000	49.131	1.7	156	0.00	
49	PM	2,4-Dinitrophenol	50.000	44.880	10.2	143	0.00	
50	PM	2,4-Dinitrotoluene	50.000	49.659	0.7	158	0.00	
51	P	2,6-Dinitrotoluene	50.000	50.908	-1.8	159	0.00	
52	P	Fluorene	50.000	49.184	1.6	159	0.00	
53	S	2-Fluorobiphenyl	50.000	51.427	-2.9	166	0.00	
54	P	Hexachlorocyclopentadiene	50.000	24.783	50.4#	79	0.00	
55	P	2-Nitroaniline	50.000	55.463	-10.9	173	0.00	
56	P	3-Nitroaniline	50.000	53.792	-7.6	167	0.00	
57	P	4-Nitroaniline	50.000	53.242	-6.5	169	0.00	
58	PM	4-Nitrophenol	50.000	42.064	15.9	130	0.00	
59	S	2,4,6-Tribromophenol	100.000	89.833	10.2	147	0.00	
60	PM	2,4,6-Trichlorophenol	50.000	48.433	3.1	154	0.00	
61	P	2,4,5-Trichlorophenol	50.000	47.563	4.9	154	0.00	
62	P	2,3,4,6-Tetrachlorophenol	50.000	43.690	12.6	148	0.00	
63	P	Atrazine	50.000	12.981	74.0#	0	0.00	
64	I	Phenanthrene-d10	40.000	40.000	0.0	151	0.00	
65	P	4-Bromophenyl phenyl ether	50.000	50.501	-1.0	152	0.00	
66	P	Di-n-butyl phthalate	50.000	52.139	-4.3	153	0.00	
67	PM	4,6-Dinitro-2-methylphenol	50.000	43.030	13.9	144	0.00	
68	P	Fluoranthene	50.000	49.700	0.6	148	0.00	
69	P	Hexachlorobenzene	50.000	52.135	-4.3	157	0.00	
70	P	N-Nitrosodiphenylamine	50.000	55.545	-11.1	164	0.00	
71	PM	Pentachlorophenol	50.000	44.242	11.5	135	0.00	
72	P	Anthracene	50.000	53.914	-7.8	158	0.00	
73	P	Phenanthrene	50.000	53.550	-7.1	159	0.00	
74	P	Carbazole	50.000	53.650	-7.3	159	0.00	
75	P	Benzo (a) anthracene	50.000	49.332	1.3	124	0.00	
76	I	Chrysene-d12	40.000	40.000	0.0	123	0.01	
77		Benzidine	50.000	35.027	29.9#	0	0.00	NT
78	P	Bis (2-ethylhexyl) phthalat	50.000	54.204	-8.4	131	0.00	
79	P	Butylbenzylphthalate	50.000	52.680	-5.4	146	0.00	
80	P	Chrysene	50.000	52.442	-4.9	127	0.00	
81	P	3,3'-Dichlorobenzidine	50.000	55.001	-10.0	131	0.00	
82	PM	Pyrene	50.000	52.251	-4.5	150	0.00	
83	S	Terphenyl-d14	50.000	51.867	-3.7	148	0.00	
84	I	Perylene-d12	40.000	40.000	0.0	141	0.00	
85	P	Benzo (b) fluoranthene	50.000	47.023	6.0	131	0.00	
86	P	Benzo (k) fluoranthene	50.000	50.496	-1.0	125	0.00	
87	P	Benzo (g,h,i) perylene	50.000	53.217	-6.4	167	0.00	
88	P	Benzo (a) pyrene	50.000	49.725	0.5	134	0.00	
89	P	Dibenz (a,h) anthracene	50.000	53.147	-6.3	163	0.00	

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\210118\
Data File : B51687.D
Acq On : 18 Jan 2021 11:41 am
Operator : A. Monfette
Sample : CCV 50PPM 8270 + PyrMulti
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 18 12:03:43 2021
Quant Method : C:\msdchem\1\methods\ABN201216G.M
Quant Title :
QLast Update : Wed Jan 13 12:55:07 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)	
46	P	Dibenzofuran	50.000	49.835	0.3	154	0.00	
47	P	Diethyl phthalate	50.000	47.241	5.5	144	0.00	
48	P	Dimethyl phthalate	50.000	48.941	2.1	148	0.00	
49	PM	2,4-Dinitrophenol	50.000	51.700	-3.4	160	0.00	
50	PM	2,4-Dinitrotoluene	50.000	48.886	2.2	148	0.00	
51	P	2,6-Dinitrotoluene	50.000	50.979	-2.0	151	0.00	
52	P	Fluorene	50.000	48.208	3.6	148	0.00	
53	S	2-Fluorobiphenyl	50.000	49.805	0.4	152	0.00	
54	P	Hexachlorocyclopentadiene	50.000	32.690	↓ 34.6#	99	0.00	<40
55	P	2-Nitroaniline	50.000	54.257	-8.5	161	0.00	
56	P	3-Nitroaniline	50.000	53.982	-8.0	159	0.00	
57	P	4-Nitroaniline	50.000	53.806	-7.6	162	0.00	
58	PM	4-Nitrophenol	50.000	43.026	13.9	126	-0.01	
59	S	2,4,6-Tribromophenol	100.000	91.498	8.5	142	0.00	
60	PM	2,4,6-Trichlorophenol	50.000	47.178	5.6	142	0.00	
61	P	2,4,5-Trichlorophenol	50.000	46.340	7.3	142	0.00	
62	P	2,3,4,6-Tetrachlorophenol	50.000	~~39.490~~ 44.08	~~21.0#~~ 11.8	127	0.00	Amm 1-18-21
63	P	Atrazine	50.000	10.996	↓ 78.0#	0	0.00	
64	I	Phenanthrene-d10	40.000	40.000	0.0	146	0.00	
65	P	4-Bromophenyl phenyl ether	50.000	50.909	-1.8	147	0.00	
66	P	Di-n-butyl phthalate	50.000	51.769	-3.5	147	0.00	
67	PM	4,6-Dinitro-2-methylphenol	50.000	47.970	4.1	154	0.00	
68	P	Fluoranthene	50.000	48.655	2.7	139	0.00	
69	P	Hexachlorobenzene	50.000	51.071	-2.1	148	0.00	
70	P	N-Nitrosodiphenylamine	50.000	54.132	-8.3	154	0.00	
71	PM	Pentachlorophenol	50.000	42.736	14.5	125	0.00	
72	P	Anthracene	50.000	52.783	-5.6	149	0.00	
73	P	Phenanthrene	50.000	52.177	-4.4	149	0.00	
74	P	Carbazole	50.000	53.739	-7.5	153	0.00	
75	P	Benzo (a) anthracene	50.000	48.678	2.6	118	0.00	
76	I	Chrysene-d12	40.000	40.000	0.0	118	0.00	
77		Benzidine	50.000	78.545	↑ -57.1#	0	0.00	NT
78	P	Bis (2-ethylhexyl) phthalat	50.000	55.276	-10.6	128	0.00	
79	P	Butylbenzylphthalate	50.000	53.172	-6.3	142	0.00	
80	P	Chrysene	50.000	51.024	-2.0	119	0.00	
81	P	3,3'-Dichlorobenzidine	50.000	56.228	-12.5	128	0.00	
82	PM	Pyrene	50.000	52.883	-5.8	146	0.00	
83	S	Terphenyl-d14	50.000	52.038	-4.1	142	0.00	
84	I	Perylene-d12	40.000	40.000	0.0	134	0.00	
85	P	Benzo (b) fluoranthene	50.000	51.392	-2.8	136	0.00	
86	P	Benzo (k) fluoranthene	50.000	48.254	3.5	114	0.00	
87	P	Benzo (g,h,i) perylene	50.000	51.524	-3.0	153	-0.01	
88	P	Benzo (a) pyrene	50.000	51.070	-2.1	130	0.00	
89	P	Dibenz (a,h) anthracene	50.000	52.953	-5.9	154	0.00	

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **BE3**
Project Reference: Pilgrim Village Family
Lab Project ID: 210161
SDG #: 0161-01
Matrix: Soil

Semi-Volatile Tentatively Identified Compounds

Analyte	Result	Units	Qualifier	Date Analyzed
Unknown	**2180**	ug/Kg		1/14/2021
Unknown	**2870**	ug/Kg		1/14/2021
Unknown	**639**	ug/Kg		1/14/2021
Unknown	**1410**	ug/Kg		1/14/2021
Unknown	**402**	ug/Kg		1/14/2021

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 1/14/2021
QC Batch ID: QC210114TICS
QC Number: 1

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Tentatively Identified Compound (LSC) summary

Data Path : C:\msdchem\1\data\210113\
Data File : B51629.D
Acq On : 14 Jan 2021 3:32 pm
Operator : A. Monfette
Sample : blk
Misc : 1/14 soil_JSABN
ALS Vial : 19 Sample Multiplier: 1

edf
1/15/21

Quant Method : C:\msdchem\1\methods\ABN201216F.M
Quant Title :

TIC Library : C:\Database\NIST98.L
TIC Integration Parameters: rteint2.p

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
~~2-Pentanone, 4 ...~~	~~4.575~~	~~278.3~~	~~ug/ml~~	~~13436100~~	~~1~~	~~6.987~~	~~1931050~~	~~40.0~~
17-(1,5-Dimethy...	18.709	43.0	ug/ml	2948610	5	17.933	2745680	40.0
Bicyclo[2.2.1]h...	18.768	56.6	ug/ml	3885670	5	17.933	2745680	40.0
Bithiophthalide	19.374	12.6	ug/ml	1184560	6	19.909	3762370	40.0
2(3H)-Naphthale...	20.068	27.8	ug/ml	2612900	6	19.909	3762370	40.0
L-Aspartic acid...	20.133	7.9	ug/ml	744196	6	19.909	3762370	40.0

Aldol

PESTICIDE SURROGATE RECOVERY

Lab Name: Paradigm Environmental Services
Lab Project #: 210161
Client Name: BE3
Client Project Name: Pilgrim Village Family
Client Project #: N/A
SDG No.: 0161-01
Matrix: Soil
QC Batch: QC210113PESTS

Instrument ID: Dual ECD 1
GC Column 1: Rtx-CLPesticides1 ID (mm): 0.32 Detector: ECD1

	LAB SAMPLE NO.	CLIENT SAMPLE ID	TCmX (%Recovery)	DCBP (%Recovery)	Total Out
1	Blk 1	N/A	51.9	33.1	0
2	LCS 1	N/A	49.6	37.1	0
3	LCS Tox	N/A	53.4	42.6	0
4	210161-01	B1S1	74.2	89.5	0
5	210161-02	B2S1	50.1	34.9	0
6	210161-04	B4S1	38.1	22.4	0
7	210161-05	B5S2	48.3	16.7	0
8	210161-06	B6S1	72.2	74.3	0
9	210161-07	B7S1	65.3	72.5	0
10	210161-08	B7S10	62.4	70.4	0
11	210161-09	B8S1	87.9	132	0
12	210161-10	B9S1	53.0	54.6	0
13	210161-11	B10S1	59.2	71.3	0
14	210161-12	B11S1	68.8	416 *	1
15	210161-13	B12S1	34.9	32.6	0
16	210161-14	B13S1	37.9	37.0	0
17	210161-15	B14S1	53.6	107	0
18	210161-16	B15S1	59.4	71.5	0
19	210161-17	B17S1	47.1	79.9	0
20	210161-18	B17S2	48.3	44.4	0
21	210161-19	B18S1	50.3	43.1	0
22	210161-20	B19S1	52.9	56.0	0
23					
24					
25					

QC LIMITS %

TCmX = Tetrachloro-m-xylene (26.3 - 99.8)
DCBP = Decachlorobiphenyl (10 - 134)

* Values outside of current required QC limits
D Surrogate diluted out

FORM II PEST

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

Lab Name:	Paradigm Environmental Services	Sample ID:	B11S1
Lab Project #:	210161	Lab Sample #:	210161-12
Client Name:	BE3		
Client Project Name:	Pilgrim Village Family	Date Analyzed:	1/14/2021
Client Project #:	N/A	Time Analyzed:	11:41
SDG#:	0161-01	Matrix:	Soil

Instrument ID:	Dual ECD 1				
GC Column 1:	Rtx-CLPesticides1	ID (mm):	0.32	Detector 1:	ECD1
GC Column 2:	Rtx-CLPesticides2	ID (mm):	0.32	Detector 2:	ECD2

COMPOUND	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D	Q
4,4-DDE (1)	1	5.11	5.03	5.17	4.24		
4,4-DDE (2)	2	6.21	6.13	6.27	3.92	7.84	
4,4-DDT (1)	1	6.48	6.41	6.55	14.1		
4,4-DDT (2)	2	8.04	7.95	8.09	7.90	56.4	*
Aldrin (1)	1	4.13	4.06	4.20	2.36 J		
Aldrin (2)	2	4.66	4.62	4.76	7.07	99.9	*
delta-BHC (1)	1	3.74	3.68	3.82	9.81		
delta-BHC (2)	2	4.25	4.18	4.32	3.18	102	*
Endrin (1)	1	5.83	5.78	5.92	12.0		
Endrin (2)	2	7.26	7.12	7.26	2.18 J	139	*
Endrin Ketone (1)	1	8.37	8.30	8.44	23.4		
Endrin Ketone (2)	2	9.66	9.59	9.73	8.62	92.3	*
gamma-BHC (Lindane) (1)	1	3.51	3.45	3.59	7.06		
gamma-BHC (Lindane) (2)	2	3.91	3.84	3.98	48.3	149	*

%D = </= 40%; Passes
* = Outside QC limits

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

Lab Name:	Paradigm Environmental Services	Sample ID:	B14S1
Lab Project #:	210161	Lab Sample #:	210161-15
Client Name:	BE3		
Client Project Name:	Pilgrim Village Family	Date Analyzed:	1/14/2021
Client Project #:	N/A	Time Analyzed:	12:37
SDG#:	0161-01	Matrix:	Soil

Instrument ID:	Dual ECD 1				
GC Column 1:	Rtx-CLPesticides1	ID (mm):	0.32	Detector 1:	ECD1
GC Column 2:	Rtx-CLPesticides2	ID (mm):	0.32	Detector 2:	ECD2

COMPOUND	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D	Q
4,4-DDD (1)	1	5.99	5.89	6.03	11.6		
4,4-DDD (2)	2	7.42	7.33	7.47	3.01 J	118	*
4,4-DDE (1)	1	5.12	5.03	5.17	5.61		
4,4-DDE (2)	2	6.21	6.13	6.27	2.79 J	67.1	*
4,4-DDT (1)	1	6.46	6.41	6.55	33.2		
4,4-DDT (2)	2	8.04	7.95	8.09	29.1	13.2	
cis-Chlordane (1)	1	4.96	4.93	5.07	7.74		
cis-Chlordane (2)	2	5.94	5.86	6.00	2.05 J	116	*
Dieldrin (1)	1	5.52	5.41	5.55	13.5		
Dieldrin (2)	2	6.56	6.49	6.63	7.50	57.1	
Endosulfan Sulfate (1)	1	7.78	7.70	7.84	49.0		
Endosulfan Sulfate (2)	2	8.76	8.69	8.83	18.5	90.4	*
Endrin (1)	1	5.84	5.78	5.92	3.83		
Endrin (2)	2	7.19	7.12	7.26	3.62	5.64	
Endrin Aldehyde (1)	1	7.06	6.92	7.06	2820		
Endrin Aldehyde (2)	2	8.21	8.19	8.33	13.8	198	*
Endrin Ketone (1)	1	8.34	8.30	8.44	31.9		
Endrin Ketone (2)	2	9.61	9.59	9.73	9.84	106	*
trans-Chlordane (1)	1	4.86	4.78	4.92	1.53 J		
trans-Chlordane (2)	2	5.66	5.62	5.76	4.18	92.8	*

%D = </= 40%; Passes
* = Outside QC limits

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

SDG #: 0161-01

Client: BE3 **Lab Project ID:** 210161

Project Reference: Pilgrim Village Family

Lab Sample ID: 210161-13 **Date Sampled:** 1/7/2021

Sample Identifier: B12S1 **Date Received:** 1/12/2021

Matrix: Soil

TAL Metals (ICP)

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Aluminum	**11900**	mg/Kg	146	18400	NC	75 - 125		13600	13.3	20		1/15/2021
Antimony	< 3.67	mg/Kg	146	39.6	27.1	75 - 125	*	<3.82	NC	20		1/15/2021
Arsenic	**7.15**	mg/Kg	146	122	78.8	75 - 125		6.13	15.4	20		1/15/2021
Barium	**109**	mg/Kg	146	273	112	75 - 125		110	0.369	20		1/15/2021
Beryllium	**0.193**	mg/Kg	29.2	22.1	75.1	75 - 125		0.217	NC	20		1/15/2021
Cadmium	**0.837**	mg/Kg	58.4	42.6	71.5	75 - 125	*	0.807	3.71	20		1/15/2021
Calcium	**18500**	mg/Kg	234	12400	NC	75 - 125		18400	0.226	20		1/15/2021
Chromium	**14.3**	mg/Kg	146	129	78.8	75 - 125		15.9	10.8	20		1/15/2021
Cobalt	**6.71**	mg/Kg	58.4	54.0	81.0	75 - 125		8.39	22.2	20	*	1/15/2021
Copper	**19.4**	mg/Kg	146	136	79.9	75 - 125		18.0	7.05	20		1/15/2021
Iron	**14400**	mg/Kg	146	22600	NC	75 - 125		15700	8.78	20		1/15/2021
Lead	**270**	mg/Kg	146	185	-58.1	75 - 125	*	119	77.6	20	*	1/15/2021
Magnesium	**6970**	mg/Kg	467	7960	NC	75 - 125		9480	30.4	20	*	1/15/2021

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

SDG #: 0161-01

Client: BE3 **Lab Project ID:** 210161

Project Reference: Pilgrim Village Family

Lab Sample ID: 210161-13 **Date Sampled:** 1/7/2021

Sample Identifier: B12S1 **Date Received:** 1/12/2021

Matrix: Soil

TAL Metals (ICP)

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Manganese	**404**	mg/Kg	58.4	939	914	75 - 125	*	405	0.312	20		1/15/2021 ++
Nickel	**13.3**	mg/Kg	292	222	71.5	75 - 125	*	15.1	12.8	20		1/15/2021
Potassium	**1760**	mg/Kg	2480	4810	123	75 - 125		2020	13.7	20		1/15/2021
Selenium	**2.27**	mg/Kg	146	111	74.5	75 - 125	*	1.59	35.5	20	*	1/15/2021
Silver	**0.606**	mg/Kg	14.6	12.0	77.7	75 - 125		0.605	NC	20		1/15/2021
Sodium	**173**	mg/Kg	701	760	83.6	75 - 125		173	0.166	20		1/15/2021
Thallium	< 1.53	mg/Kg	146	109	74.9	75 - 125	*	<1.59	NC	20		1/15/2021
Vanadium	**21.8**	mg/Kg	58.4	76.4	93.5	75 - 125		23.8	8.92	20		1/15/2021
Zinc	**146**	mg/Kg	146	238	63.1	75 - 125	*	127	13.8	20		1/15/2021

Method Reference(s): EPA 6010C
EPA 3050B

Preparation Date: 1/13/2021
210115C

QC Batch ID: QC210113soil2

++Sample amount > 4X spike amount added

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

SDG #: 0161-01

Client: **BE3**

Lab Project ID: 210161

Project Reference: Pilgrim Village Family

Lab Sample ID: 210161-15

Sample Identifier: B14S1

Matrix: Soil

Date Sampled: 1/8/2021

Date Received: 1/12/2021

Mercury

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Mercury	**0.153**	mg/Kg	0.0817	0.745	725	75 - 125	NC	0.926	143	20	*	1/15/2021

Method Reference(s): EPA 7471B

Preparation Date: 1/14/2021

QC210115B

QC Batch ID: QC210114Hgsoil2

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Lab Name: Paradigm Environmental Services

Client: BE3 **Lab Project No.:** 210161

Client Job Site: Pilgrim Village Family **Run Nos.:** 210115C Hg210115A,B

Client Job No.:

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Initial Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Continuing Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Concentration Units: mg/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(2)	Found	%R(2)	M
Aluminum	10.0	9.50	95.0	10.0	9.67	96.7	9.35	93.5	ICP
Antimony	5.00	4.95	99.1	5.00	5.02	100	4.94	98.7	ICP
Arsenic	1.00	0.984	98.4	1.00	1.00	100	0.984	98.4	ICP
Barium	10.0	10.3	103	10.0	10.3	103	10.3	103	ICP
Beryllium	0.250	0.244	97.7	0.250	0.245	98.0	0.249	99.8	ICP
Cadmium	0.500	0.498	99.6	0.500	0.504	101	0.482	96.5	ICP
Calcium	25.0	25.0	99.8	25.0	25.5	102	24.9	99.5	ICP
Chromium	0.500	0.505	101	0.500	0.514	103	0.511	102	ICP
Cobalt	2.50	2.47	98.9	2.50	2.52	101	2.52	101	ICP
Copper	1.25	1.18	94.6	1.25	1.18	94.7	1.20	95.7	ICP
Iron	5.00	4.78	95.6	5.00	4.87	97.4	4.74	94.8	ICP
Lead	0.500	0.520	104	0.500	0.528	106	0.522	104	ICP
Magnesium	25.0	24.5	97.8	25.0	24.6	98.5	24.7	98.8	ICP
Manganese	0.750	0.752	100	0.750	0.753	100	0.758	101	ICP
Mercury	0.00200	0.00193	96.3	0.00200	0.00196	98.0	0.00188	94.1	CV
Nickel	2.00	1.95	97.7	2.00	1.99	99.4	1.96	98.1	ICP
Potassium	25.0	24.1	96.3	25.0	24.5	97.8	23.8	95.3	ICP
Selenium	0.500	0.487	97.5	0.500	0.503	101	0.496	99.1	ICP
Silver	0.500	0.490	98.1	0.500	0.498	99.6	0.492	98.4	ICP
Sodium	25.0	24.6	98.2	25.0	24.9	99.4	24.2	96.8	ICP
Thallium	1.00	1.08	108	1.00	1.10	110	1.12	112	ICP
Vanadium	2.50	2.53	101	2.50	2.53	101	2.49	99.5	ICP
Zinc	1.00	0.973	97.3	1.00	0.989	98.9	0.995	99.5	ICP

(1) Control Limits: All Metals 90-110
(2) Control Limits: Mercury 80-120; Other Metals: 90-110

FORM IIA-IN

Lab Name: Paradigm Environmental Services

Client: BE3 **Lab Project No.:** 210161

Client Job Site: Pilgrim Village Family **Run Nos.:** 210115C Hg210115A,B

Client Job No.:

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Initial Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Continuing Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Concentration Units: mg/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(2)	Found	%R(2)	M
Aluminum				10.0	9.20	92.0	9.33	93.3	ICP
Antimony				5.00	4.87	97.3	4.91	98.2	ICP
Arsenic				1.00	0.976	97.6	1.00	100	ICP
Barium				10.0	10.3	103	10.3	103	ICP
Beryllium				0.250	0.250	100.0	0.250	100.0	ICP
Cadmium				0.500	0.473	94.6	0.479	95.9	ICP
Calcium				25.0	24.5	98.1	25.2	101	ICP
Chromium				0.500	0.505	101	0.511	102	ICP
Cobalt				2.50	2.49	99.5	2.51	100	ICP
Copper				1.25	1.20	95.7	1.20	95.7	ICP
Iron				5.00	4.65	92.9	4.77	95.3	ICP
Lead				0.500	0.515	103	0.529	106	ICP
Magnesium				25.0	24.7	98.6	24.7	98.9	ICP
Manganese				0.750	0.754	101	0.756	101	ICP
Mercury				0.00200	0.00186	92.9	0.00182	90.8	CV
Nickel				2.00	1.93	96.6	1.95	97.7	ICP
Potassium				25.0	23.5	94.0	23.9	95.6	ICP
Selenium				0.500	0.486	97.2	0.493	98.7	ICP
Silver				0.500	0.486	97.2	0.492	98.5	ICP
Sodium				25.0	23.9	95.4	24.7	98.7	ICP
Thallium				1.00	1.11	111	1.13	113	ICP
Vanadium				2.50	2.48	99.1	2.48	99.2	ICP
Zinc				1.00	0.975	97.5	0.985	98.5	ICP

(1) Control Limits: All Metals 90-110
(2) Control Limits: Mercury 80-120; Other Metals: 90-110

FORM IIA-IN

Lab Name: Paradigm Environmental Services

Client: BE3 **Lab Project No.:** 210161

Client Job Site: Pilgrim Village Family **Run Nos.:** 210115C Hg210115A,B

Client Job No.:

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Initial Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Continuing Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Concentration Units: mg/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(2)	Found	%R(2)	M
Aluminum				10.0	9.25	92.5	9.25	92.5	ICP
Antimony				5.00	4.91	98.2	4.80	96.0	ICP
Arsenic				1.00	0.987	98.7	0.973	97.3	ICP
Barium				10.0	10.3	103	10.3	103	ICP
Beryllium				0.250	0.250	100	0.249	99.8	ICP
Cadmium				0.500	0.476	95.2	0.470	94.1	ICP
Calcium				25.0	24.6	98.3	24.6	98.3	ICP
Chromium				0.500	0.511	102	0.503	101	ICP
Cobalt				2.50	2.51	100	2.46	98.4	ICP
Copper				1.25	1.19	95.6	1.19	95.5	ICP
Iron				5.00	4.70	94.0	4.72	94.4	ICP
Lead				0.500	0.523	105	0.517	103	ICP
Magnesium				25.0	24.7	99.0	24.7	98.9	ICP
Manganese				0.750	0.755	101	0.755	101	ICP
Mercury				0.00200	0.00171	85.6			CV
Nickel				2.00	1.95	97.6	1.92	95.9	ICP
Potassium				25.0	23.5	94.2	23.6	94.5	ICP
Selenium				0.500	0.494	98.8	0.483	96.6	ICP
Silver				0.500	0.491	98.2	0.482	96.4	ICP
Sodium				25.0	24.1	96.3	24.1	96.4	ICP
Thallium				1.00	1.12	112	1.10	110	ICP
Vanadium				2.50	2.48	99.1	2.48	99.1	ICP
Zinc				1.00	0.982	98.2	0.967	96.7	ICP

(1) Control Limits: All Metals 90-110
(2) Control Limits: Mercury 80-120; Other Metals: 90-110

FORM IIA-IN

Lab Name: Paradigm Environmental Services

Client: BE3 **Lab Project No.:** 210161

Client Job Site: Pilgrim Village Family **Run Nos.:** 210115C Hg210115A,B

Client Job No.:

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Initial Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Continuing Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Concentration Units: mg/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(2)	Found	%R(2)	M
Aluminum				10.0	9.36	93.6	9.34	93.4	ICP
Antimony				5.00	4.91	98.3	4.93	98.7	ICP
Arsenic				1.00	1.00	100	0.997	99.7	ICP
Barium				10.0	10.3	103	10.3	103	ICP
Beryllium				0.250	0.249	99.7	0.248	99.3	ICP
Cadmium				0.500	0.486	97.1	0.489	97.9	ICP
Calcium				25.0	24.8	99.4	24.7	98.9	ICP
Chromium				0.500	0.514	103	0.518	104	ICP
Cobalt				2.50	2.52	101	2.52	101	ICP
Copper				1.25	1.19	95.0	1.18	94.8	ICP
Iron				5.00	4.76	95.1	4.73	94.7	ICP
Lead				0.500	0.531	106	0.529	106	ICP
Magnesium				25.0	24.8	99.3	24.7	99.0	ICP
Manganese				0.750	0.755	101	0.753	100	ICP
Mercury									CV
Nickel				2.00	1.97	98.3	1.98	99.0	ICP
Potassium				25.0	23.9	95.5	23.9	95.6	ICP
Selenium				0.500	0.496	99.3	0.492	98.3	ICP
Silver				0.500	0.493	98.7	0.495	99.1	ICP
Sodium				25.0	24.3	97.3	24.4	97.7	ICP
Thallium				1.00	1.12	112	1.11	111	ICP
Vanadium				2.50	2.49	99.6	2.50	99.9	ICP
Zinc				1.00	0.984	98.4	0.986	98.6	ICP

(1) Control Limits: All Metals 90-110
(2) Control Limits: Mercury 80-120; Other Metals: 90-110

FORM IIA-IN

Lab Name: Paradigm Environmental Services

Client: BE3 **Lab Project No.:** 210161

Client Job Site: Pilgrim Village Family **Run Nos.:** 210118A

Client Job No.:

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Initial Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Continuing Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Concentration Units: mg/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(2)	Found	%R(2)	M
Aluminum									ICP
Antimony									ICP
Arsenic									ICP
Barium									ICP
Beryllium									ICP
Cadmium									ICP
Calcium									ICP
Chromium									ICP
Cobalt									ICP
Copper									ICP
Iron									ICP
Lead									ICP
Magnesium									ICP
Manganese									ICP
Mercury									CV
Nickel									ICP
Potassium									ICP
Selenium	0.500	0.480	96.0	0.500			0.475	94.9	ICP
Silver									ICP
Sodium									ICP
Thallium	1.00	1.07	107	1.00			1.17	117	ICP
Vanadium									ICP
Zinc									ICP

(1) Control Limits: All Metals 90-110
(2) Control Limits: Mercury 80-120; Other Metals: 90-110

FORM IIA-IN

Lab Name: Paradigm Environmental Services

Client: BE3 **Lab Project No.:** 210161

Client Job Site: Pilgrim Village Family **Run Nos.:** 210118A

Client Job No.:

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Initial Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Continuing Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Concentration Units: mg/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(2)	Found	%R(2)	M
Aluminum									ICP
Antimony									ICP
Arsenic									ICP
Barium									ICP
Beryllium									ICP
Cadmium									ICP
Calcium									ICP
Chromium									ICP
Cobalt									ICP
Copper									ICP
Iron									ICP
Lead									ICP
Magnesium									ICP
Manganese									ICP
Mercury									CV
Nickel									ICP
Potassium									ICP
Selenium				0.500	0.479	95.8			ICP
Silver									ICP
Sodium									ICP
Thallium				1.00	1.23	123			ICP
Vanadium									ICP
Zinc									ICP

(1) Control Limits: All Metals 90-110
(2) Control Limits: Mercury 80-120; Other Metals: 90-110

FORM IIA-IN

Lab Name: Paradigm Environmental Services

Client: BE3 **Lab Project No.:** 210161

Client Job Site: Pilgrim Village Family **Run Nos.:** 210118A

Client Job No.:

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Initial Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Continuing Calibration Verification Source:
ICP: Ultra Scientific
Hg: Ultra Scientific

Concentration Units: mg/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(2)	Found	%R(2)	M
Aluminum									ICP
Antimony									ICP
Arsenic									ICP
Barium									ICP
Beryllium									ICP
Cadmium									ICP
Calcium									ICP
Chromium									ICP
Cobalt									ICP
Copper									ICP
Iron									ICP
Lead									ICP
Magnesium									ICP
Manganese									ICP
Mercury									CV
Nickel									ICP
Potassium									ICP
Selenium				0.500	0.464	92.7	0.469	93.8	ICP
Silver									ICP
Sodium									ICP
Thallium				1.00	1.20	120	1.21	121	ICP
Vanadium									ICP
Zinc									ICP

(1) Control Limits: All Metals 90-110
(2) Control Limits: Mercury 80-120; Other Metals: 90-110

FORM IIA-IN

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Pilgrim Village Family
951 Ellicott St.
Buffalo, NY 14209
NYSDEC BCP # C915363

SDG: 210346
6 water samples and 1 trip blank

Prepared for:

BE3 Corp.
960 Busti Avenue
Suite 150-B
Buffalo, NY 14213
Attention: John Berry

March 2021

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

Table of Contents

Tables

REVIEWER'S NARRATIVE
BE3 SDG 210346: Pilgrim Village

The data associated with this Sample Delivery Group (SDG) 210346, analyzed by Paradigm Environmental Services, Inc. Rochester, NY have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/2/2021

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	Pilgrim Village Family 951 Ellicott St. Buffalo, NY 14209
SAMPLING DATE:	January 22, 2021
SAMPLE TYPE:	6 water samples and 1 trip blank
LABORATORY:	Paradigm Environmental Services, Inc. Rochester, NY
SDG No.:	210346

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for six water samples and one trip blank collected on January 22, 2021. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), 1,4-Dioxane, Pesticides, PCBs, Metals, Herbicides, and PFASs.

All analyses were performed by Paradigm Environmental Services, Inc., Rochester, NY and analyzed as SDG 210346 except Herbicides and PFASs were analyzed by Alpha Analytical Westborough, MA as SDG L2103741. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents used for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results are listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

DATA VALIDATION GUIDANCE DOCUMENTS

Analyte Type	Validation Guidance
VOCs	USEPA, 2008, Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry; SW-846 Method 8260B; SOP # HW-24, Rev. 2. USEPA, 2008, Statement of Work for Organic Analysis of Low/Medium Concentration of Volatile Organic Compounds SQM01.2; SOP HW-33, Rev. 2.
SVOCs	USEPA, 2007, Statement of Work for Organic Analysis of Low/Medium Concentration of Semivolatile Organic Compounds SQM01.2; SOP HW-35, Rev. 1.
Pesticides/PCBs	USEPA, 2006, CLP Organics Data Review and Preliminary Review (CLP/SOW OLMO 4.3); SOP # HW-6, Rev. 14, Part C.
Metals	USEPA, 2006, Validation of Metals for the Contract Laboratory Program (CLP) based on SOW ILMO 5.3 (SOP Revision 13), SOP # HW-2, Rev. 13.
Gen Chemistry	NYSDEC, 2005, Analytical Services Protocols (ASP)
VOCs (Ambient air)	USEPA, 2006, Validating Air Samples, Volatile Organic Analysis of Ambient Air in Canister by Method TO-15; SOP # HW-31, Rev. 4.
Perfluoroalkyl Substances (PFASs)	USEPA, 2018, Data Review and Validation Guidelines for Perfluoroalkyl Substances (PFASs) Analyzed Using EPA Method 537

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	Method TO-15
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Canister Certification
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Lab Control Sample
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Instrument Tuning
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Analyte ID	Spike Recoveries	Lab Duplicates	Initial Calibration & System Performance
Internal Standards	Internal Standards	Lab Qualifiers	Lab Duplicate		Daily Calibration
Initial Calibration	Initial Calibration	Field Duplicate	Lab Control Sample		Field Duplicate
Continuing Calibration	Continuing Calibration		ICP Serial Dilutions		
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

PFASs
Completeness of Pkg
Sample Preservation
Holding Time
Instr Performance Check
Initial Calibration
Continuing Calibration
Blanks
Surrogates
Lab Fortified Blank
Matrix Spikes
Internal Standards

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is *approximate* and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".

JN The analyte is considered to be "presumptively present." The associated numerical value represents its *approximate* concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated using red ink. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-8. These tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 210346, seven samples were analyzed and results were reported for 1399 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have rejected/qualified and the corresponding QC reasons.

NOTE: 1) The data packages for this project contained no laboratory QC data for the CRDL standard for metals (Form 2B) and the Serial Dilutions of metals (Form 8). Therefore, no evaluation of the CRDL recoveries and the serial dilution results were performed by this data reviewer and no data were qualified as a result.

Table 6-1 8260 VOCs + TICs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW4 Trip Blank	Bromomethane 1,1,1-Trichloroethane Carbon tetrachloride 1,2-DCB 1,3-DCB 1,4-DCB n-Butylbenzene	J detects UJ non-detects	CCV > QC limit	Data are estimated

Table 6-2 8270 SVOCs + TICs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	Benzaldehyde	J detects UJ non-detects	3 pt. ICAL and CCV > QC limit	Data are estimated
All samples	TICs	R	TICs detected in method blank	Appropriate data was changed to rejected

Table 6-3 1,4-Dioxane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-4 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-5 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-6 Metals (total and dissolved)

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-7 Herbicides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-8 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	PFHxA	CRQL-U	Detected in method blank	Data was changed to non-detect

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

LAB PROJECT NARRATIVE: 210346
PROJECT NAME: Pilgrim Village Family
SDG: 0346-01
CLIENT: BE3

Six groundwater samples were collected by the client on January 22, 2021 and were received by the Paradigm Laboratory on January 25, 2021. Samples were accompanied by a trip blank. Containers and holding times were acceptable at the time of receipt; samples were received at 6°C and were on ice. The samples were submitted with the Chains-of-Custody requesting the TCL list for SVOCs, the TCL + CP-51 list for VOCs, Pesticides, TAL Metals, PCBs, Herbicides, PFAs, and 1,4-Dioxane. Tentatively Identified Compounds for VOCs and SVOCs were added to the list of analyses per history of analyses needed at this site. Per an email from the client dated February 02, 2021, dissolved metals were added to the list of analyses. All analyses were performed using EPA SW-846 Methods and the associated holding times.

The items noted in this case narrative address compliance with the referenced methods, NYSDOH ELAP rules, and any project specific data quality requirements. These may be different from the usability criteria referenced in any "Functional Guidelines" or other data review standards used by data validators.

GENERAL NOTES

ALL ANALYSES

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

VOLATILES AND SEMIVOLATILES

Regarding initial calibrations, it should be noted that the Quantitation Report concentrations supplied for the initial calibration reflect the calibration prior to updating. The response factors and areas are correct.

Regarding Quantitation Reports, it should be noted that the "#" symbol that appears on some of the Quantitation Reports is a software artifact and should be disregarded.

Compounds flagged with an "*" on the summary table have been calibrated using a non-average Response Factor calibration curve. The supporting curves are located after the initial calibration table.

VOLATILES

Holding times were met for all samples.

All surrogate recoveries for the samples and associated QC were within acceptance limits.

Site specific QC was not requested on this SDG. The Laboratory Control Samples recovered within acceptance limits.

The Method Blanks were free from contamination within reportable ranges.

The instrument tunes passed all criteria and samples were within a 12-hour window.

The internal standards areas and retention times were within acceptance ranges for the samples and QC.

All data for the initial calibration was within acceptance limits for the reported analytes.

All continuing calibration data was within acceptance limits for the reported analytes with the following exceptions: Bromomethane, Carbon Disulfide, 1,1,1-Trichloroethane, Cyclohexane, Carbon Tetrachloride, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, n-Butylbenzene, and 1,2-Dichlorobenzene were out high in the CCV analyzed on January 28, 2021. This is usable for non-detects only. All samples were non-detect for these compounds.

SEMI-VOLATILES

Holding times were met for all samples.

All surrogate recoveries for the samples and associated QC were within acceptance limits.

Site specific QC was not requested on this SDG. The Laboratory Control Sample recovered within acceptance limits.

The Method Blank was free from contamination within reportable ranges. A few Tentatively Identified Compounds were detected in the Blank. Where there were similarities determined between the TICs found in the Blank and any TICs present in the samples, the sample report was flagged with a "B". Similarities are determined by retention time and chemical name/ molecular formula.

The instrument tunes passed all criteria and samples were within a 12-hour window.

The internal standards areas and retention times were within acceptance ranges for the sample and associated QC.

All data for the initial calibrations was within acceptance limits for the reported analytes, with the following exception: Benzaldehyde and Atrazine did not have the minimum number of points required for the calibration curve. Adequate sensitivity for these analytes is verified by the analysis of a single point 5ppm standard. This is usable for non-detects only. All samples were non-detect for these compounds.

All continuing calibration data was within acceptance limits for the reported analytes, with the following exceptions: Benzaldehyde was out low in the CCV. Sensitivity at the reporting limit for this compound was verified by the analysis of a single point 5ppm standard. This is usable for non-detects only. All samples were non-detect for this compound.

SEMIVOLATILES – 1,4-Dioxane

Holding times were met for all samples.

Site specific QC was not requested on this SDG. The Laboratory Control Sample recovered within acceptance limits.

The Method Blank was free from contamination within reportable ranges.

The instrument tunes passed all criteria and samples were within a 12-hour window.

The internal standard (1,4-Dichlorobenzene) areas and retentions time were within acceptance limits for the sample and the associated QC. The deuterated version of 1,4-Dioxane (1,4-Dioxane-d8) is an isotope, added and extracted during the preparation of the sample, and therefore area acceptance criteria is not applicable, but the retention times were within acceptance limits. The quantification of 1,4-Dioxane is based on the area of 1,4-Dioxane-d8.

All data for initial calibrations were within acceptance limits.

All data for continuing calibrations were within acceptance limits.

PESTICIDES

Holding times were met for all samples.

Surrogate recoveries for the sample and associated QC were within acceptance limits.

Site specific QC was not requested on this SDG. The Laboratory Control samples recovered within acceptance limits.

The Method Blank was free from contamination within the reportable ranges.

The internal standards areas and retention times were within acceptance ranges for the samples and associated QC with the following exception: The internal standard was out low on the primary column in MW1, MW5, and MW12 when compared to the Toxaphene calibration curve. Toxaphene was not detected in any of the samples and the internal standards were within acceptance limits when compared to the single-peak pesticides calibration curve, so the data was deemed usable. Matrix interference is suspected.

All data for the initial calibrations were within acceptance limits. The internal acceptance criteria for the initial calibrations was 0.99 or better for each peak.

All continuing calibration data was within acceptable QC limits, except Decachlorobiphenyl was out high on the primary column in the Toxaphene CCV. Both surrogates recovered within acceptance limits on the secondary column and the CCV was deemed usable.

PCBS

Holding times were met for all samples.

The surrogate (Tetrachloro-m-xylene) recovered within acceptance limits for the samples and associated QC.

Site specific QC was not requested on this SDG. The Laboratory Control Sample recovered within acceptance limits.

The Method Blank was free from contamination within the reportable ranges.

All data for the initial calibrations were within acceptance limits. The internal acceptance criteria for the initial calibrations was 0.99 or better for each peak.

All data for continuing calibrations was within acceptance limits.

METALS

ICP-AES interelement and background corrections were applied. Raw data was not generated before application of background corrections.

Holding times were met for all samples.

Site specific QC was not requested on this SDG but was analyzed on MW3 on the dissolved fraction and recovered within acceptance limits for ICP metals and Mercury. The Laboratory Control Samples recovered within acceptable limits. All LCS % differences were within acceptance limits.

The Method Blank was free from contamination within reportable ranges.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

Subcontracted Analyses

PFAs by EPA 537 and Herbicides by EPA 8151A were subcontracted to Alpha Analytical of Westborough, MA. Their reports are provided in their entirety as a separate entity after the Paradigm Environmental Services, Inc. report. Separate case narratives addressing the above parameters are included with their reports.

(signed) Steven DeVito (date) 2/22/2021

Steven DeVito – Technical Director

BATCH LOG

Lab Name: Paradigm Environmental Services
Lab Project #: 210346
Client Name: BE3
Client Project Name: Pilgrim Village Family
Client Project #: N/A
SDG No.: 0346-01

Protocol: SW846 Report Due Date: 2/9/2021 Batch Due Date: 2/24/2021

LAB SAMPLE NO.	MATRIX	CLIENT SAMPLE ID	REQUESTED ANALYSIS	DATE SAMPLED	DATE REC'D
210346-01	Groundwater	MW1	Herbicies, Mercury, Metals, PCBs, Pests, SVOAs, VOAs, TICs	1/22/2021	1/25/2021
210346-01A	Groundwater	MW1	Dissolved Mercury, Dissolved Metals,	1/22/2021	1/25/2021
210346-02	Groundwater	MW2	Herbicies, Mercury, Metals, PCBs, Pests, SVOAs, VOAs, PFAs, Dioxane, TICs	1/22/2021	1/25/2021
210346-02A	Groundwater	MW2	Dissolved Mercury, Dissolved Metals,	1/22/2021	1/25/2021
210346-03	Groundwater	MW3	Herbicies, Mercury, Metals, PCBs, Pests, SVOAs, VOAs, TICs	1/22/2021	1/25/2021
210346-03A	Groundwater	MW3	Dissolved Mercury, Dissolved Metals,	1/22/2021	1/25/2021
210346-04	Groundwater	MW4	Herbicies, Mercury, Metals, PCBs, Pests, SVOAs, VOAs, PFAs, Dioxane, TICs	1/22/2021	1/25/2021
210346-04A	Groundwater	MW4	Dissolved Mercury, Dissolved Metals,	1/22/2021	1/25/2021
210346-05	Groundwater	MW5	Herbicies, Mercury, Metals, PCBs, Pests, SVOAs, VOAs, PFAs, Dioxane, TICs	1/22/2021	1/25/2021
210346-05A	Groundwater	MW5	Dissolved Mercury, Dissolved Metals,	1/22/2021	1/25/2021
210346-06	Groundwater	MW12	Herbicies, Mercury, Metals, PCBs, Pests, SVOAs, VOAs,	1/22/2021	1/25/2021
210346-06A	Groundwater	MW12	Dissolved Mercury, Dissolved Metals,	1/22/2021	1/25/2021
210346-07	Water	TBF Trip Blank	VOAs, TICs	1/22/2021	1/25/2021

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM

REPORT TO:		INVOICE TO:		
CLIENT:	BE3 CORP	CLIENT:	SAME	LAB PROJECT ID: 210346
ADDRESS:	960 BUSTI AVE	ADDRESS:		
CITY:	BUFFALO STATE: NY ZIP: 14213	CITY:	STATE: ZIP:	Quotation #:
PHONE:	716.293.1300	PHONE:		Email: jtracy@be3corp.com
ATTN:	Jake Tracy	ATTN:		

PROJECT REFERENCE: PILGRIM VILLAGE FAMILY

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	TCL VOC	TCL SVOC	TCL PCB	TAL Metals	TCL Herb	TCL Pest	PFAS	1,4-Dioxane	Silver	CP-51 VOC	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/22/21	1135		X	MW1	WG	7	X	X	X	X	X	X			X	X	VOA/SVOA TICs per history GP 1/25/21	01
	1200			MW2		10	X	X	X	X	X	X	X	X	X	X		02
	1230			MW3		7	X	X	X	X	X	X			X	X		03
	1300			MW4		10	X	X	X	X	X	X	X	X	X	X		04
	1325			MW5		10	X	X	X	X	X	X	X	X	X	X		05
	1215			~~MW22~~ JT MW12		7	X	X	X	X	X	X	JT		X	X		06
	1000			TBF	TB	1	X						JT			X	Trip Blank	07
																	6°C iced 1/25/21 1445	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	per sub chain GP 1/25/21 ☒	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☒		
Rush 1 day	☐				
Date Needed _____ please indicate date needed:		Other please indicate package needed:	☐	Other EDD please indicate EDD needed:	☐

Jake Tracy	1/22/21	1200	Sampled By
[signature]	1/22/21	1420	Relinquished By
[signature]	1/22/21	16:20	Received By
[signature]	1/25/21	15:13	Received @ Lab By

Total Cost: ☐

P.I.F. ☐

Custody Seal N/A, samples delivered by Paradigm. Sub sent directly to sub lab.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse). GP 1/25/21

See additional page for sample conditions.

VOLATILE ORGANICS

SAMPLE DATA

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW1
Lab Sample ID: 210346-01 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		1/27/2021 17:58
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		1/27/2021 17:58
1,1,2-Trichloroethane	< 2.00	ug/L		1/27/2021 17:58
1,1-Dichloroethane	< 2.00	ug/L		1/27/2021 17:58
1,1-Dichloroethene	< 2.00	ug/L		1/27/2021 17:58
1,2,3-Trichlorobenzene	< 5.00	ug/L		1/27/2021 17:58
1,2,4-Trichlorobenzene	< 5.00	ug/L		1/27/2021 17:58
1,2,4-Trimethylbenzene	**20.3**	ug/L		1/27/2021 17:58
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		1/27/2021 17:58
1,2-Dibromoethane	< 2.00	ug/L		1/27/2021 17:58
1,2-Dichlorobenzene	< 2.00	ug/L		1/27/2021 17:58
1,2-Dichloroethane	< 2.00	ug/L		1/27/2021 17:58
1,2-Dichloropropane	< 2.00	ug/L		1/27/2021 17:58
1,3,5-Trimethylbenzene	< 2.00	ug/L		1/27/2021 17:58
1,3-Dichlorobenzene	< 2.00	ug/L		1/27/2021 17:58
1,4-Dichlorobenzene	< 2.00	ug/L		1/27/2021 17:58
1,4-Dioxane	< 20.0	ug/L		1/27/2021 17:58
2-Butanone	< 10.0	ug/L		1/27/2021 17:58
2-Hexanone	< 5.00	ug/L		1/27/2021 17:58
4-Methyl-2-pentanone	< 5.00	ug/L		1/27/2021 17:58
Acetone	**9.23**	ug/L	J	1/27/2021 17:58
Benzene	< 1.00	ug/L		1/27/2021 17:58
Bromochloromethane	< 5.00	ug/L		1/27/2021 17:58

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW1		
Lab Sample ID:	210346-01	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Bromodichloromethane	< 2.00	ug/L	1/27/2021	17:58
Bromoform	< 5.00	ug/L	1/27/2021	17:58
Bromomethane	< 2.00	ug/L	1/27/2021	17:58
Carbon disulfide	< 2.00	ug/L	1/27/2021	17:58
Carbon Tetrachloride	< 2.00	ug/L	1/27/2021	17:58
Chlorobenzene	< 2.00	ug/L	1/27/2021	17:58
Chloroethane	< 2.00	ug/L	1/27/2021	17:58
Chloroform	< 2.00	ug/L	1/27/2021	17:58
Chloromethane	< 2.00	ug/L	1/27/2021	17:58
cis-1,2-Dichloroethene	< 2.00	ug/L	1/27/2021	17:58
cis-1,3-Dichloropropene	< 2.00	ug/L	1/27/2021	17:58
Cyclohexane	< 10.0	ug/L	1/27/2021	17:58
Dibromochloromethane	< 2.00	ug/L	1/27/2021	17:58
Dichlorodifluoromethane	< 2.00	ug/L	1/27/2021	17:58
Ethylbenzene	< 2.00	ug/L	1/27/2021	17:58
Freon 113	< 2.00	ug/L	1/27/2021	17:58
Isopropylbenzene	< 2.00	ug/L	1/27/2021	17:58
m,p-Xylene	< 2.00	ug/L	1/27/2021	17:58
Methyl acetate	< 2.00	ug/L	1/27/2021	17:58
Methyl tert-butyl Ether	< 2.00	ug/L	1/27/2021	17:58
Methylcyclohexane	< 2.00	ug/L	1/27/2021	17:58
Methylene chloride	< 5.00	ug/L	1/27/2021	17:58
Naphthalene	**171**	ug/L	1/27/2021	17:58
n-Butylbenzene	< 2.00	ug/L	1/27/2021	17:58
n-Propylbenzene	< 2.00	ug/L	1/27/2021	17:58

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW1
Lab Sample ID: 210346-01 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

o-Xylene	< 2.00	ug/L	1/27/2021	17:58
p-Isopropyltoluene	< 2.00	ug/L	1/27/2021	17:58
sec-Butylbenzene	< 2.00	ug/L	1/27/2021	17:58
Styrene	< 5.00	ug/L	1/27/2021	17:58
tert-Butylbenzene	< 2.00	ug/L	1/27/2021	17:58
Tetrachloroethene	< 2.00	ug/L	1/27/2021	17:58
Toluene	< 2.00	ug/L	1/27/2021	17:58
trans-1,2-Dichloroethene	< 2.00	ug/L	1/27/2021	17:58
trans-1,3-Dichloropropene	< 2.00	ug/L	1/27/2021	17:58
Trichloroethene	< 2.00	ug/L	1/27/2021	17:58
Trichlorofluoromethane	< 2.00	ug/L	1/27/2021	17:58
Vinyl chloride	< 2.00	ug/L	1/27/2021	17:58

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**119**	64 - 142		1/27/2021	17:58
4-Bromofluorobenzene	**66.9**	37.2 - 146		1/27/2021	17:58
Pentafluorobenzene	**95.7**	91.4 - 114		1/27/2021	17:58
Toluene-D8	**80.9**	73.1 - 120		1/27/2021	17:58

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x76152.D

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW1
Lab Sample ID: 210346-01 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result		Units	Qualifier	Date Analyzed
Unknown Aromatic	**135**	J	ug/L		1/27/2021
Unknown Aromatic	**99.4**		ug/L		1/27/2021
Unknown Aromatic	**172**		ug/L		1/27/2021
Unknown Aromatic	**412**		ug/L		1/27/2021
Unknown Aromatic	**93.1**		ug/L		1/27/2021
Unknown Aromatic	**232**		ug/L		1/27/2021
Unknown Aromatic	**234**		ug/L		1/27/2021
Unknown Aromatic	**476**		ug/L		1/27/2021
Unknown Aromatic	**73.9**		ug/L		1/27/2021
Unknown Aromatic	**121**		ug/L		1/27/2021
Unknown Aromatic	**381**		ug/L		1/27/2021
Unknown Aromatic	**565**		ug/L		1/27/2021
Unknown Aromatic	**34.4**		ug/L		1/27/2021
Unknown Aromatic	**36.8**		ug/L		1/27/2021
Unknown Aromatic	**133**		ug/L		1/27/2021
Unknown Aromatic	**36.6**		ug/L		1/27/2021
Unknown Aromatic	**423**		ug/L		1/27/2021
Unknown Aromatic	**31.5**		ug/L		1/27/2021
Unknown Aromatic	**56.7**		ug/L		1/27/2021
Unknown Aromatic	**30.8**		ug/L		1/27/2021
Total Reported TICS	**3780**		ug/L		1/27/2021

Method Reference(s): EPA 8260C
EPA 5030C

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW2
Lab Sample ID: 210346-02 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		1/27/2021 18:21
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		1/27/2021 18:21
1,1,2-Trichloroethane	< 2.00	ug/L		1/27/2021 18:21
1,1-Dichloroethane	< 2.00	ug/L		1/27/2021 18:21
1,1-Dichloroethene	< 2.00	ug/L		1/27/2021 18:21
1,2,3-Trichlorobenzene	< 5.00	ug/L		1/27/2021 18:21
1,2,4-Trichlorobenzene	< 5.00	ug/L		1/27/2021 18:21
1,2,4-Trimethylbenzene	**172**	ug/L		1/27/2021 18:21
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		1/27/2021 18:21
1,2-Dibromoethane	< 2.00	ug/L		1/27/2021 18:21
1,2-Dichlorobenzene	< 2.00	ug/L		1/27/2021 18:21
1,2-Dichloroethane	< 2.00	ug/L		1/27/2021 18:21
1,2-Dichloropropane	< 2.00	ug/L		1/27/2021 18:21
1,3,5-Trimethylbenzene	**33.4**	ug/L		1/27/2021 18:21
1,3-Dichlorobenzene	< 2.00	ug/L		1/27/2021 18:21
1,4-Dichlorobenzene	< 2.00	ug/L		1/27/2021 18:21
1,4-Dioxane	< 20.0	ug/L		1/27/2021 18:21
2-Butanone	< 10.0	ug/L		1/27/2021 18:21
2-Hexanone	< 5.00	ug/L		1/27/2021 18:21
4-Methyl-2-pentanone	< 5.00	ug/L		1/27/2021 18:21
Acetone	< 10.0	ug/L		1/27/2021 18:21
Benzene	< 1.00	ug/L		1/27/2021 18:21
Bromochloromethane	< 5.00	ug/L		1/27/2021 18:21

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW2
Lab Sample ID: 210346-02 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Bromodichloromethane	< 2.00	ug/L	1/27/2021	18:21
Bromoform	< 5.00	ug/L	1/27/2021	18:21
Bromomethane	< 2.00	ug/L	1/27/2021	18:21
Carbon disulfide	< 2.00	ug/L	1/27/2021	18:21
Carbon Tetrachloride	< 2.00	ug/L	1/27/2021	18:21
Chlorobenzene	< 2.00	ug/L	1/27/2021	18:21
Chloroethane	< 2.00	ug/L	1/27/2021	18:21
Chloroform	< 2.00	ug/L	1/27/2021	18:21
Chloromethane	< 2.00	ug/L	1/27/2021	18:21
cis-1,2-Dichloroethene	< 2.00	ug/L	1/27/2021	18:21
cis-1,3-Dichloropropene	< 2.00	ug/L	1/27/2021	18:21
Cyclohexane	**90.3**	ug/L	1/27/2021	18:21
Dibromochloromethane	< 2.00	ug/L	1/27/2021	18:21
Dichlorodifluoromethane	< 2.00	ug/L	1/27/2021	18:21
Ethylbenzene	**70.1**	ug/L	1/27/2021	18:21
Freon 113	< 2.00	ug/L	1/27/2021	18:21
Isopropylbenzene	**12.8**	ug/L	1/27/2021	18:21
m,p-Xylene	**240**	ug/L	1/27/2021	18:21
Methyl acetate	< 2.00	ug/L	1/27/2021	18:21
Methyl tert-butyl Ether	< 2.00	ug/L	1/27/2021	18:21
Methylcyclohexane	**88.1**	ug/L	1/27/2021	18:21
Methylene chloride	< 5.00	ug/L	1/27/2021	18:21
Naphthalene	**12.8**	ug/L	1/27/2021	18:21
n-Butylbenzene	**5.37**	ug/L	1/27/2021	18:21
n-Propylbenzene	**40.3**	ug/L	1/27/2021	18:21

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW2		
Lab Sample ID:	210346-02	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

o-Xylene	**12.7**	ug/L		1/27/2021	18:21
p-Isopropyltoluene	< 2.00	ug/L		1/27/2021	18:21
sec-Butylbenzene	**1.72**	ug/L	J	1/27/2021	18:21
Styrene	< 5.00	ug/L		1/27/2021	18:21
tert-Butylbenzene	< 2.00	ug/L		1/27/2021	18:21
Tetrachloroethene	< 2.00	ug/L		1/27/2021	18:21
Toluene	**3.66**	ug/L		1/27/2021	18:21
trans-1,2-Dichloroethene	< 2.00	ug/L		1/27/2021	18:21
trans-1,3-Dichloropropene	< 2.00	ug/L		1/27/2021	18:21
Trichloroethene	< 2.00	ug/L		1/27/2021	18:21
Trichlorofluoromethane	< 2.00	ug/L		1/27/2021	18:21
Vinyl chloride	< 2.00	ug/L		1/27/2021	18:21

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**76.7**	64 - 142		1/27/2021	18:21
4-Bromofluorobenzene	**94.5**	37.2 - 146		1/27/2021	18:21
Pentafluorobenzene	**100**	91.4 - 114		1/27/2021	18:21
Toluene-D8	**115**	73.1 - 120		1/27/2021	18:21

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x76153.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW2
Lab Sample ID: 210346-02
Matrix: Groundwater
Date Sampled: 1/22/2021
Date Received: 1/25/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
2-methylbutane	**164** JN	ug/L		1/27/2021
Pentane	**77.9**	ug/L		1/27/2021
2-methylpentane	**190**	ug/L		1/27/2021
3-methylpentane	**105**	ug/L		1/27/2021
Hexane	**78.2**	ug/L		1/27/2021
Methylcyclopentane	**157**	ug/L		1/27/2021
3-methylhexane	**39.3**	ug/L		1/27/2021
Unknown	**44.1** J	ug/L		1/27/2021
Unknown	**39.1**	ug/L		1/27/2021
Unknown Alkane	**38.8**	ug/L		1/27/2021
Unknown	**47.1**	ug/L		1/27/2021
Unknown Alkene	**64.5**	ug/L		1/27/2021
Unknown Aromatic	**161**	ug/L		1/27/2021
Unknown Aromatic	**320**	ug/L		1/27/2021
Unknown Aromatic	**219**	ug/L		1/27/2021
Unknown Aromatic	**135**	ug/L		1/27/2021
Unknown Aromatic	**140**	ug/L		1/27/2021
Unknown Aromatic	**63.9**	ug/L		1/27/2021
Unknown Aromatic	**42.5**	ug/L		1/27/2021
Unknown Aromatic	**37.6**	ug/L		1/27/2021
Total Reported TICS	**2160**	ug/L		1/27/2021

Method Reference(s): EPA 8260C
EPA 5030C

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 3/2/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW3		
Lab Sample ID:	210346-03	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		1/27/2021 18:44
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		1/27/2021 18:44
1,1,2-Trichloroethane	< 2.00	ug/L		1/27/2021 18:44
1,1-Dichloroethane	< 2.00	ug/L		1/27/2021 18:44
1,1-Dichloroethene	< 2.00	ug/L		1/27/2021 18:44
1,2,3-Trichlorobenzene	< 5.00	ug/L		1/27/2021 18:44
1,2,4-Trichlorobenzene	< 5.00	ug/L		1/27/2021 18:44
1,2,4-Trimethylbenzene	< 2.00	ug/L		1/27/2021 18:44
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		1/27/2021 18:44
1,2-Dibromoethane	< 2.00	ug/L		1/27/2021 18:44
1,2-Dichlorobenzene	< 2.00	ug/L		1/27/2021 18:44
1,2-Dichloroethane	< 2.00	ug/L		1/27/2021 18:44
1,2-Dichloropropane	< 2.00	ug/L		1/27/2021 18:44
1,3,5-Trimethylbenzene	< 2.00	ug/L		1/27/2021 18:44
1,3-Dichlorobenzene	< 2.00	ug/L		1/27/2021 18:44
1,4-Dichlorobenzene	< 2.00	ug/L		1/27/2021 18:44
1,4-Dioxane	< 20.0	ug/L		1/27/2021 18:44
2-Butanone	< 10.0	ug/L		1/27/2021 18:44
2-Hexanone	< 5.00	ug/L		1/27/2021 18:44
4-Methyl-2-pentanone	< 5.00	ug/L		1/27/2021 18:44
Acetone	**76.7**	ug/L		1/27/2021 18:44
Benzene	< 1.00	ug/L		1/27/2021 18:44
Bromochloromethane	< 5.00	ug/L		1/27/2021 18:44

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW3
Lab Sample ID: 210346-03 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Bromodichloromethane	< 2.00	ug/L	1/27/2021	18:44
Bromoform	< 5.00	ug/L	1/27/2021	18:44
Bromomethane	< 2.00	ug/L	1/27/2021	18:44
Carbon disulfide	< 2.00	ug/L	1/27/2021	18:44
Carbon Tetrachloride	< 2.00	ug/L	1/27/2021	18:44
Chlorobenzene	< 2.00	ug/L	1/27/2021	18:44
Chloroethane	< 2.00	ug/L	1/27/2021	18:44
Chloroform	< 2.00	ug/L	1/27/2021	18:44
Chloromethane	< 2.00	ug/L	1/27/2021	18:44
cis-1,2-Dichloroethene	< 2.00	ug/L	1/27/2021	18:44
cis-1,3-Dichloropropene	< 2.00	ug/L	1/27/2021	18:44
Cyclohexane	< 10.0	ug/L	1/27/2021	18:44
Dibromochloromethane	< 2.00	ug/L	1/27/2021	18:44
Dichlorodifluoromethane	< 2.00	ug/L	1/27/2021	18:44
Ethylbenzene	< 2.00	ug/L	1/27/2021	18:44
Freon 113	< 2.00	ug/L	1/27/2021	18:44
Isopropylbenzene	< 2.00	ug/L	1/27/2021	18:44
m,p-Xylene	< 2.00	ug/L	1/27/2021	18:44
Methyl acetate	< 2.00	ug/L	1/27/2021	18:44
Methyl tert-butyl Ether	< 2.00	ug/L	1/27/2021	18:44
Methylcyclohexane	< 2.00	ug/L	1/27/2021	18:44
Methylene chloride	< 5.00	ug/L	1/27/2021	18:44
Naphthalene	< 5.00	ug/L	1/27/2021	18:44
n-Butylbenzene	< 2.00	ug/L	1/27/2021	18:44
n-Propylbenzene	< 2.00	ug/L	1/27/2021	18:44

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW3
Lab Sample ID: 210346-03 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

o-Xylene	< 2.00	ug/L	1/27/2021	18:44
p-Isopropyltoluene	< 2.00	ug/L	1/27/2021	18:44
sec-Butylbenzene	< 2.00	ug/L	1/27/2021	18:44
Styrene	< 5.00	ug/L	1/27/2021	18:44
tert-Butylbenzene	< 2.00	ug/L	1/27/2021	18:44
Tetrachloroethene	< 2.00	ug/L	1/27/2021	18:44
Toluene	< 2.00	ug/L	1/27/2021	18:44
trans-1,2-Dichloroethene	< 2.00	ug/L	1/27/2021	18:44
trans-1,3-Dichloropropene	< 2.00	ug/L	1/27/2021	18:44
Trichloroethene	< 2.00	ug/L	1/27/2021	18:44
Trichlorofluoromethane	< 2.00	ug/L	1/27/2021	18:44
Vinyl chloride	< 2.00	ug/L	1/27/2021	18:44

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	64 - 142		1/27/2021	18:44
4-Bromofluorobenzene	**72.5**	37.2 - 146		1/27/2021	18:44
Pentafluorobenzene	**94.3**	91.4 - 114		1/27/2021	18:44
Toluene-D8	**87.5**	73.1 - 120		1/27/2021	18:44

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x76154.D

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW3		
Lab Sample ID:	210346-03	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	**9.04**	ug/L		1/27/2021
Total Reported TICS	**9.04**	ug/L		1/27/2021

Method Reference(s): EPA 8260C
EPA 5030C

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW4
Lab Sample ID: 210346-04 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00 UJ	ug/L		1/28/2021 14:20
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		1/28/2021 14:20
1,1,2-Trichloroethane	< 2.00	ug/L		1/28/2021 14:20
1,1-Dichloroethane	< 2.00	ug/L		1/28/2021 14:20
1,1-Dichloroethene	< 2.00	ug/L		1/28/2021 14:20
1,2,3-Trichlorobenzene	< 5.00	ug/L		1/28/2021 14:20
1,2,4-Trichlorobenzene	< 5.00	ug/L		1/28/2021 14:20
1,2,4-Trimethylbenzene	< 2.00	ug/L		1/28/2021 14:20
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		1/28/2021 14:20
1,2-Dibromoethane	< 2.00 UJ	ug/L		1/28/2021 14:20
1,2-Dichlorobenzene	< 2.00	ug/L		1/28/2021 14:20
1,2-Dichloroethane	< 2.00	ug/L		1/28/2021 14:20
1,2-Dichloropropane	< 2.00	ug/L		1/28/2021 14:20
1,3,5-Trimethylbenzene	< 2.00	ug/L		1/28/2021 14:20
1,3-Dichlorobenzene	< 2.00 UJ	ug/L		1/28/2021 14:20
1,4-Dichlorobenzene	< 2.00 UJ	ug/L		1/28/2021 14:20
1,4-Dioxane	< 20.0	ug/L		1/28/2021 14:20
2-Butanone	< 10.0	ug/L		1/28/2021 14:20
2-Hexanone	< 5.00	ug/L		1/28/2021 14:20
4-Methyl-2-pentanone	< 5.00	ug/L		1/28/2021 14:20
Acetone	< 10.0	ug/L		1/28/2021 14:20
Benzene	< 1.00	ug/L		1/28/2021 14:20
Bromochloromethane	< 5.00	ug/L		1/28/2021 14:20

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW4
Lab Sample ID: 210346-04 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Bromodichloromethane	< 2.00	ug/L	1/28/2021	14:20
Bromoform	< 5.00	ug/L	1/28/2021	14:20
Bromomethane	< 2.00 UJ	ug/L	1/28/2021	14:20
Carbon disulfide	< 2.00	ug/L	1/28/2021	14:20
Carbon Tetrachloride	< 2.00 UJ	ug/L	1/28/2021	14:20
Chlorobenzene	< 2.00	ug/L	1/28/2021	14:20
Chloroethane	< 2.00	ug/L	1/28/2021	14:20
Chloroform	< 2.00	ug/L	1/28/2021	14:20
Chloromethane	< 2.00	ug/L	1/28/2021	14:20
cis-1,2-Dichloroethene	< 2.00	ug/L	1/28/2021	14:20
cis-1,3-Dichloropropene	< 2.00	ug/L	1/28/2021	14:20
Cyclohexane	< 10.0 UJ	ug/L	1/28/2021	14:20
Dibromochloromethane	< 2.00	ug/L	1/28/2021	14:20
Dichlorodifluoromethane	< 2.00	ug/L	1/28/2021	14:20
Ethylbenzene	< 2.00	ug/L	1/28/2021	14:20
Freon 113	< 2.00	ug/L	1/28/2021	14:20
Isopropylbenzene	< 2.00	ug/L	1/28/2021	14:20
m,p-Xylene	< 2.00	ug/L	1/28/2021	14:20
Methyl acetate	< 2.00	ug/L	1/28/2021	14:20
Methyl tert-butyl Ether	< 2.00	ug/L	1/28/2021	14:20
Methylcyclohexane	< 2.00	ug/L	1/28/2021	14:20
Methylene chloride	< 5.00	ug/L	1/28/2021	14:20
Naphthalene	< 5.00	ug/L	1/28/2021	14:20
n-Butylbenzene	< 2.00 UJ	ug/L	1/28/2021	14:20
n-Propylbenzene	< 2.00	ug/L	1/28/2021	14:20

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW4
Lab Sample ID: 210346-04 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

o-Xylene	< 2.00	ug/L	1/28/2021	14:20
p-Isopropyltoluene	< 2.00	ug/L	1/28/2021	14:20
sec-Butylbenzene	< 2.00	ug/L	1/28/2021	14:20
Styrene	< 5.00	ug/L	1/28/2021	14:20
tert-Butylbenzene	< 2.00	ug/L	1/28/2021	14:20
Tetrachloroethene	< 2.00	ug/L	1/28/2021	14:20
Toluene	< 2.00	ug/L	1/28/2021	14:20
trans-1,2-Dichloroethene	< 2.00	ug/L	1/28/2021	14:20
trans-1,3-Dichloropropene	< 2.00	ug/L	1/28/2021	14:20
Trichloroethene	< 2.00	ug/L	1/28/2021	14:20
Trichlorofluoromethane	< 2.00	ug/L	1/28/2021	14:20
Vinyl chloride	< 2.00	ug/L	1/28/2021	14:20

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**130**	64 - 142		1/28/2021	14:20
4-Bromofluorobenzene	**64.7**	37.2 - 146		1/28/2021	14:20
Pentafluorobenzene	**100**	91.4 - 114		1/28/2021	14:20
Toluene-D8	**79.1**	73.1 - 120		1/28/2021	14:20

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x76177.D

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW4		
Lab Sample ID:	210346-04	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 5.00	ug/L		1/28/2021
Total Reported TICS	< 5.00	ug/L		1/28/2021

Method Reference(s): EPA 8260C
EPA 5030C

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW5
Lab Sample ID: 210346-05 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		1/27/2021 19:30
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		1/27/2021 19:30
1,1,2-Trichloroethane	< 2.00	ug/L		1/27/2021 19:30
1,1-Dichloroethane	< 2.00	ug/L		1/27/2021 19:30
1,1-Dichloroethene	< 2.00	ug/L		1/27/2021 19:30
1,2,3-Trichlorobenzene	< 5.00	ug/L		1/27/2021 19:30
1,2,4-Trichlorobenzene	< 5.00	ug/L		1/27/2021 19:30
1,2,4-Trimethylbenzene	**1.95**	ug/L	J	1/27/2021 19:30
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		1/27/2021 19:30
1,2-Dibromoethane	< 2.00	ug/L		1/27/2021 19:30
1,2-Dichlorobenzene	< 2.00	ug/L		1/27/2021 19:30
1,2-Dichloroethane	< 2.00	ug/L		1/27/2021 19:30
1,2-Dichloropropane	< 2.00	ug/L		1/27/2021 19:30
1,3,5-Trimethylbenzene	< 2.00	ug/L		1/27/2021 19:30
1,3-Dichlorobenzene	< 2.00	ug/L		1/27/2021 19:30
1,4-Dichlorobenzene	< 2.00	ug/L		1/27/2021 19:30
1,4-Dioxane	< 20.0	ug/L		1/27/2021 19:30
2-Butanone	< 10.0	ug/L		1/27/2021 19:30
2-Hexanone	< 5.00	ug/L		1/27/2021 19:30
4-Methyl-2-pentanone	< 5.00	ug/L		1/27/2021 19:30
Acetone	**39.9**	ug/L		1/27/2021 19:30
Benzene	< 1.00	ug/L		1/27/2021 19:30
Bromochloromethane	< 5.00	ug/L		1/27/2021 19:30

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Bromodichloromethane	< 2.00	ug/L	1/27/2021	19:30
Bromoform	< 5.00	ug/L	1/27/2021	19:30
Bromomethane	< 2.00	ug/L	1/27/2021	19:30
Carbon disulfide	< 2.00	ug/L	1/27/2021	19:30
Carbon Tetrachloride	< 2.00	ug/L	1/27/2021	19:30
Chlorobenzene	< 2.00	ug/L	1/27/2021	19:30
Chloroethane	< 2.00	ug/L	1/27/2021	19:30
Chloroform	< 2.00	ug/L	1/27/2021	19:30
Chloromethane	< 2.00	ug/L	1/27/2021	19:30
cis-1,2-Dichloroethene	< 2.00	ug/L	1/27/2021	19:30
cis-1,3-Dichloropropene	< 2.00	ug/L	1/27/2021	19:30
Cyclohexane	< 10.0	ug/L	1/27/2021	19:30
Dibromochloromethane	< 2.00	ug/L	1/27/2021	19:30
Dichlorodifluoromethane	< 2.00	ug/L	1/27/2021	19:30
Ethylbenzene	< 2.00	ug/L	1/27/2021	19:30
Freon 113	< 2.00	ug/L	1/27/2021	19:30
Isopropylbenzene	< 2.00	ug/L	1/27/2021	19:30
m,p-Xylene	< 2.00	ug/L	1/27/2021	19:30
Methyl acetate	< 2.00	ug/L	1/27/2021	19:30
Methyl tert-butyl Ether	< 2.00	ug/L	1/27/2021	19:30
Methylcyclohexane	< 2.00	ug/L	1/27/2021	19:30
Methylene chloride	< 5.00	ug/L	1/27/2021	19:30
Naphthalene	**14.5**	ug/L	1/27/2021	19:30
n-Butylbenzene	**4.08**	ug/L	1/27/2021	19:30
n-Propylbenzene	< 2.00	ug/L	1/27/2021	19:30

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

o-Xylene	< 2.00	ug/L		1/27/2021	19:30
p-Isopropyltoluene	< 2.00	ug/L		1/27/2021	19:30
sec-Butylbenzene	< 2.00	ug/L		1/27/2021	19:30
Styrene	< 5.00	ug/L		1/27/2021	19:30
tert-Butylbenzene	< 2.00	ug/L		1/27/2021	19:30
Tetrachloroethene	< 2.00	ug/L		1/27/2021	19:30
Toluene	< 2.00	ug/L		1/27/2021	19:30
trans-1,2-Dichloroethene	< 2.00	ug/L		1/27/2021	19:30
trans-1,3-Dichloropropene	< 2.00	ug/L		1/27/2021	19:30
Trichloroethene	< 2.00	ug/L		1/27/2021	19:30
Trichlorofluoromethane	< 2.00	ug/L		1/27/2021	19:30
Vinyl chloride	< 2.00	ug/L		1/27/2021	19:30

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**122**	64 - 142		1/27/2021	19:30
4-Bromofluorobenzene	**65.5**	37.2 - 146		1/27/2021	19:30
Pentafluorobenzene	**95.5**	91.4 - 114		1/27/2021	19:30
Toluene-D8	**83.5**	73.1 - 120		1/27/2021	19:30

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x76156.D

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW5
Lab Sample ID: 210346-05
Matrix: Groundwater
Date Sampled: 1/22/2021
Date Received: 1/25/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	**6.42** J	ug/L		1/27/2021
Unknown Aromatic	**15.6**	ug/L		1/27/2021
Unknown Aromatic	**12.8**	ug/L		1/27/2021
Unknown Aromatic	**24.8**	ug/L		1/27/2021
Unknown Aromatic	**14.7**	ug/L		1/27/2021
Unknown Aromatic	**29.0**	ug/L		1/27/2021
Unknown Aromatic	**38.6**	ug/L		1/27/2021
Unknown Aromatic	**84.7**	ug/L		1/27/2021
Unknown Aromatic	**11.8**	ug/L		1/27/2021
Unknown Aromatic	**13.6**	ug/L		1/27/2021
Unknown Aromatic	**44.7**	ug/L		1/27/2021
Unknown Aromatic	**96.0**	ug/L		1/27/2021
Unknown Aromatic	**13.8**	ug/L		1/27/2021
Unknown Aromatic	**5.69**	ug/L		1/27/2021
Unknown Aromatic	**52.3**	ug/L		1/27/2021
Unknown Aromatic	**7.70**	ug/L		1/27/2021
Total Reported TICS	**472**	ug/L		1/27/2021

Method Reference(s): EPA 8260C
EPA 5030C

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 3/2/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW12
Lab Sample ID: 210346-06 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		1/27/2021 19:53
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		1/27/2021 19:53
1,1,2-Trichloroethane	< 2.00	ug/L		1/27/2021 19:53
1,1-Dichloroethane	< 2.00	ug/L		1/27/2021 19:53
1,1-Dichloroethene	< 2.00	ug/L		1/27/2021 19:53
1,2,3-Trichlorobenzene	< 5.00	ug/L		1/27/2021 19:53
1,2,4-Trichlorobenzene	< 5.00	ug/L		1/27/2021 19:53
1,2,4-Trimethylbenzene	**175**	ug/L		1/27/2021 19:53
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		1/27/2021 19:53
1,2-Dibromoethane	< 2.00	ug/L		1/27/2021 19:53
1,2-Dichlorobenzene	< 2.00	ug/L		1/27/2021 19:53
1,2-Dichloroethane	< 2.00	ug/L		1/27/2021 19:53
1,2-Dichloropropane	< 2.00	ug/L		1/27/2021 19:53
1,3,5-Trimethylbenzene	**34.3**	ug/L		1/27/2021 19:53
1,3-Dichlorobenzene	< 2.00	ug/L		1/27/2021 19:53
1,4-Dichlorobenzene	< 2.00	ug/L		1/27/2021 19:53
1,4-Dioxane	< 20.0	ug/L		1/27/2021 19:53
2-Butanone	< 10.0	ug/L		1/27/2021 19:53
2-Hexanone	< 5.00	ug/L		1/27/2021 19:53
4-Methyl-2-pentanone	< 5.00	ug/L		1/27/2021 19:53
Acetone	< 10.0	ug/L		1/27/2021 19:53
Benzene	< 1.00	ug/L		1/27/2021 19:53
Bromochloromethane	< 5.00	ug/L		1/27/2021 19:53

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW12		
Lab Sample ID:	210346-06	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Bromodichloromethane	< 2.00	ug/L	1/27/2021	19:53
Bromoform	< 5.00	ug/L	1/27/2021	19:53
Bromomethane	< 2.00	ug/L	1/27/2021	19:53
Carbon disulfide	< 2.00	ug/L	1/27/2021	19:53
Carbon Tetrachloride	< 2.00	ug/L	1/27/2021	19:53
Chlorobenzene	< 2.00	ug/L	1/27/2021	19:53
Chloroethane	< 2.00	ug/L	1/27/2021	19:53
Chloroform	< 2.00	ug/L	1/27/2021	19:53
Chloromethane	< 2.00	ug/L	1/27/2021	19:53
cis-1,2-Dichloroethene	< 2.00	ug/L	1/27/2021	19:53
cis-1,3-Dichloropropene	< 2.00	ug/L	1/27/2021	19:53
Cyclohexane	**93.8**	ug/L	1/27/2021	19:53
Dibromochloromethane	< 2.00	ug/L	1/27/2021	19:53
Dichlorodifluoromethane	< 2.00	ug/L	1/27/2021	19:53
Ethylbenzene	**69.8**	ug/L	1/27/2021	19:53
Freon 113	< 2.00	ug/L	1/27/2021	19:53
Isopropylbenzene	**12.8**	ug/L	1/27/2021	19:53
m,p-Xylene	**246**	ug/L	1/27/2021	19:53
Methyl acetate	< 2.00	ug/L	1/27/2021	19:53
Methyl tert-butyl Ether	< 2.00	ug/L	1/27/2021	19:53
Methylcyclohexane	**91.0**	ug/L	1/27/2021	19:53
Methylene chloride	< 5.00	ug/L	1/27/2021	19:53
Naphthalene	**10.1**	ug/L	1/27/2021	19:53
n-Butylbenzene	**5.39**	ug/L	1/27/2021	19:53
n-Propylbenzene	**40.2**	ug/L	1/27/2021	19:53

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW12		
Lab Sample ID:	210346-06	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

o-Xylene	**12.9**	ug/L		1/27/2021	19:53
p-Isopropyltoluene	< 2.00	ug/L		1/27/2021	19:53
sec-Butylbenzene	**1.67**	ug/L	J	1/27/2021	19:53
Styrene	< 5.00	ug/L		1/27/2021	19:53
tert-Butylbenzene	< 2.00	ug/L		1/27/2021	19:53
Tetrachloroethene	< 2.00	ug/L		1/27/2021	19:53
Toluene	**3.50**	ug/L		1/27/2021	19:53
trans-1,2-Dichloroethene	< 2.00	ug/L		1/27/2021	19:53
trans-1,3-Dichloropropene	< 2.00	ug/L		1/27/2021	19:53
Trichloroethene	< 2.00	ug/L		1/27/2021	19:53
Trichlorofluoromethane	< 2.00	ug/L		1/27/2021	19:53
Vinyl chloride	< 2.00	ug/L		1/27/2021	19:53

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**80.2**	64 - 142		1/27/2021	19:53
4-Bromofluorobenzene	**90.3**	37.2 - 146		1/27/2021	19:53
Pentafluorobenzene	**99.0**	91.4 - 114		1/27/2021	19:53
Toluene-D8	**108**	73.1 - 120		1/27/2021	19:53

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x76157.D

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW12
Lab Sample ID: 210346-06
Matrix: Groundwater

Date Sampled: 1/22/2021
Date Received: 1/25/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
2-methylbutane	**162** JN	ug/L		1/27/2021
Pentane	**76.7**	ug/L		1/27/2021
2-methylpentane	**187**	ug/L		1/27/2021
3-methylpentane	**104**	ug/L		1/27/2021
Hexane	**81.0**	ug/L		1/27/2021
Methylcyclopentane	**161**	ug/L		1/27/2021
3-methylhexane	**40.2**	ug/L		1/27/2021
Unknown	**44.3** J	ug/L		1/27/2021
Unknown	**44.5**	ug/L		1/27/2021
Unknown Alkene	**38.6**	ug/L		1/27/2021
Unknown	**49.5**	ug/L		1/27/2021
Unknown Alkene	**66.9**	ug/L		1/27/2021
Unknown Aromatic	**165**	ug/L		1/27/2021
Unknown Aromatic	**308**	ug/L		1/27/2021
Unknown Aromatic	**220**	ug/L		1/27/2021
Unknown Aromatic	**138**	ug/L		1/27/2021
Unknown Aromatic	**143**	ug/L		1/27/2021
Unknown Aromatic	**38.2**	ug/L		1/27/2021
Unknown Aromatic	**62.6**	ug/L		1/27/2021
Unknown Aromatic	**42.8**	ug/L		1/27/2021
Total Reported TICS	**2170**	ug/L		1/27/2021

Method Reference(s): EPA 8260C
EPA 5030C

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 3/2/2021

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: TBF Trip Blank
Lab Sample ID: 210346-07 **Date Sampled:** 1/22/2021
Matrix: Water **Date Received:** 1/25/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00 UJ	ug/L		1/28/2021 13:57
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		1/28/2021 13:57
1,1,2-Trichloroethane	< 2.00	ug/L		1/28/2021 13:57
1,1-Dichloroethane	< 2.00	ug/L		1/28/2021 13:57
1,1-Dichloroethene	< 2.00	ug/L		1/28/2021 13:57
1,2,3-Trichlorobenzene	< 5.00	ug/L		1/28/2021 13:57
1,2,4-Trichlorobenzene	< 5.00	ug/L		1/28/2021 13:57
1,2,4-Trimethylbenzene	< 2.00	ug/L		1/28/2021 13:57
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		1/28/2021 13:57
1,2-Dibromoethane	< 2.00	ug/L		1/28/2021 13:57
1,2-Dichlorobenzene	< 2.00 UJ	ug/L		1/28/2021 13:57
1,2-Dichloroethane	< 2.00	ug/L		1/28/2021 13:57
1,2-Dichloropropane	< 2.00	ug/L		1/28/2021 13:57
1,3,5-Trimethylbenzene	< 2.00	ug/L		1/28/2021 13:57
1,3-Dichlorobenzene	< 2.00 UJ	ug/L		1/28/2021 13:57
1,4-Dichlorobenzene	< 2.00 UJ	ug/L		1/28/2021 13:57
1,4-Dioxane	< 20.0	ug/L		1/28/2021 13:57
2-Butanone	< 10.0	ug/L		1/28/2021 13:57
2-Hexanone	< 5.00	ug/L		1/28/2021 13:57
4-Methyl-2-pentanone	< 5.00	ug/L		1/28/2021 13:57
Acetone	< 10.0	ug/L		1/28/2021 13:57
Benzene	< 1.00	ug/L		1/28/2021 13:57
Bromochloromethane	< 5.00	ug/L		1/28/2021 13:57

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: TBF Trip Blank
Lab Sample ID: 210346-07 **Date Sampled:** 1/22/2021
Matrix: Water **Date Received:** 1/25/2021

Bromodichloromethane	< 2.00	ug/L	1/28/2021	13:57
Bromoform	< 5.00	ug/L	1/28/2021	13:57
Bromomethane	< 2.00 UJ	ug/L	1/28/2021	13:57
Carbon disulfide	< 2.00	ug/L	1/28/2021	13:57
Carbon Tetrachloride	< 2.00 UJ	ug/L	1/28/2021	13:57
Chlorobenzene	< 2.00	ug/L	1/28/2021	13:57
Chloroethane	< 2.00	ug/L	1/28/2021	13:57
Chloroform	< 2.00	ug/L	1/28/2021	13:57
Chloromethane	< 2.00	ug/L	1/28/2021	13:57
cis-1,2-Dichloroethene	< 2.00	ug/L	1/28/2021	13:57
cis-1,3-Dichloropropene	< 2.00	ug/L	1/28/2021	13:57
Cyclohexane	< 10.0 UJ	ug/L	1/28/2021	13:57
Dibromochloromethane	< 2.00	ug/L	1/28/2021	13:57
Dichlorodifluoromethane	< 2.00	ug/L	1/28/2021	13:57
Ethylbenzene	< 2.00	ug/L	1/28/2021	13:57
Freon 113	< 2.00	ug/L	1/28/2021	13:57
Isopropylbenzene	< 2.00	ug/L	1/28/2021	13:57
m,p-Xylene	< 2.00	ug/L	1/28/2021	13:57
Methyl acetate	< 2.00	ug/L	1/28/2021	13:57
Methyl tert-butyl Ether	< 2.00	ug/L	1/28/2021	13:57
Methylcyclohexane	< 2.00	ug/L	1/28/2021	13:57
Methylene chloride	< 5.00	ug/L	1/28/2021	13:57
Naphthalene	< 5.00	ug/L	1/28/2021	13:57
n-Butylbenzene	< 2.00 UJ	ug/L	1/28/2021	13:57
n-Propylbenzene	< 2.00	ug/L	1/28/2021	13:57

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: TBF Trip Blank
Lab Sample ID: 210346-07 **Date Sampled:** 1/22/2021
Matrix: Water **Date Received:** 1/25/2021

o-Xylene	< 2.00	ug/L	1/28/2021	13:57
p-Isopropyltoluene	< 2.00	ug/L	1/28/2021	13:57
sec-Butylbenzene	< 2.00	ug/L	1/28/2021	13:57
Styrene	< 5.00	ug/L	1/28/2021	13:57
tert-Butylbenzene	< 2.00	ug/L	1/28/2021	13:57
Tetrachloroethene	< 2.00	ug/L	1/28/2021	13:57
Toluene	< 2.00	ug/L	1/28/2021	13:57
trans-1,2-Dichloroethene	< 2.00	ug/L	1/28/2021	13:57
trans-1,3-Dichloropropene	< 2.00	ug/L	1/28/2021	13:57
Trichloroethene	< 2.00	ug/L	1/28/2021	13:57
Trichlorofluoromethane	< 2.00	ug/L	1/28/2021	13:57
Vinyl chloride	< 2.00	ug/L	1/28/2021	13:57

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**116**	64 - 142		1/28/2021	13:57
4-Bromofluorobenzene	**62.8**	37.2 - 146		1/28/2021	13:57
Pentafluorobenzene	**98.2**	91.4 - 114		1/28/2021	13:57
Toluene-D8	**78.1**	73.1 - 120		1/28/2021	13:57

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x76176.D

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	TBF Trip Blank		
Lab Sample ID:	210346-07	**Date Sampled:**	1/22/2021
Matrix:	Water	**Date Received:**	1/25/2021

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 5.00	ug/L		1/28/2021
Total Reported TICS	< 5.00	ug/L		1/28/2021

Method Reference(s): EPA 8260C
EPA 5030C

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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SEMIVOLATILE ORGANICS

SAMPLE DATA

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW1		
Lab Sample ID:	210346-01	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 10.0	ug/L		1/27/2021 00:46
1,2,4,5-Tetrachlorobenzene	< 10.0	ug/L		1/27/2021 00:46
1,2,4-Trichlorobenzene	< 10.0	ug/L		1/27/2021 00:46
1,2-Dichlorobenzene	< 10.0	ug/L		1/27/2021 00:46
1,3-Dichlorobenzene	< 10.0	ug/L		1/27/2021 00:46
1,4-Dichlorobenzene	< 10.0	ug/L		1/27/2021 00:46
2,2-Oxybis (1-chloropropane)	< 10.0	ug/L		1/27/2021 00:46
2,3,4,6-Tetrachlorophenol	< 10.0	ug/L		1/27/2021 00:46
2,4,5-Trichlorophenol	< 20.0	ug/L		1/27/2021 00:46
2,4,6-Trichlorophenol	< 10.0	ug/L		1/27/2021 00:46
2,4-Dichlorophenol	< 10.0	ug/L		1/27/2021 00:46
2,4-Dimethylphenol	< 20.0	ug/L		1/27/2021 00:46
2,4-Dinitrophenol	< 20.0	ug/L		1/27/2021 00:46
2,4-Dinitrotoluene	< 10.0	ug/L		1/27/2021 00:46
2,6-Dinitrotoluene	< 10.0	ug/L		1/27/2021 00:46
2-Chloronaphthalene	< 10.0	ug/L		1/27/2021 00:46
2-Chlorophenol	< 10.0	ug/L		1/27/2021 00:46
2-Methylnapthalene	**16.5**	ug/L		1/27/2021 00:46
2-Methylphenol	< 10.0	ug/L		1/27/2021 00:46
2-Nitroaniline	< 20.0	ug/L		1/27/2021 00:46
2-Nitrophenol	< 10.0	ug/L		1/27/2021 00:46
3&4-Methylphenol	< 10.0	ug/L		1/27/2021 00:46
3,3'-Dichlorobenzidine	< 10.0	ug/L		1/27/2021 00:46

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW1
Lab Sample ID: 210346-01 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

3-Nitroaniline	< 20.0		ug/L	1/27/2021	00:46
4,6-Dinitro-2-methylphenol	< 20.0		ug/L	1/27/2021	00:46
4-Bromophenyl phenyl ether	< 10.0		ug/L	1/27/2021	00:46
4-Chloro-3-methylphenol	< 10.0		ug/L	1/27/2021	00:46
4-Chloroaniline	< 10.0		ug/L	1/27/2021	00:46
4-Chlorophenyl phenyl ether	< 10.0		ug/L	1/27/2021	00:46
4-Nitroaniline	< 20.0		ug/L	1/27/2021	00:46
4-Nitrophenol	< 20.0		ug/L	1/27/2021	00:46
Acenaphthene	< 10.0		ug/L	1/27/2021	00:46
Acenaphthylene	< 10.0		ug/L	1/27/2021	00:46
Acetophenone	< 10.0		ug/L	1/27/2021	00:46
Anthracene	< 10.0		ug/L	1/27/2021	00:46
Atrazine	< 10.0		ug/L	1/27/2021	00:46
Benzaldehyde	< 10.0	UJ	ug/L	1/27/2021	00:46
Benzo (a) anthracene	< 10.0		ug/L	1/27/2021	00:46
Benzo (a) pyrene	< 10.0		ug/L	1/27/2021	00:46
Benzo (b) fluoranthene	< 10.0		ug/L	1/27/2021	00:46
Benzo (g,h,i) perylene	< 10.0		ug/L	1/27/2021	00:46
Benzo (k) fluoranthene	< 10.0		ug/L	1/27/2021	00:46
Bis (2-chloroethoxy) methane	< 10.0		ug/L	1/27/2021	00:46
Bis (2-chloroethyl) ether	< 10.0		ug/L	1/27/2021	00:46
Bis (2-ethylhexyl) phthalate	< 10.0		ug/L	1/27/2021	00:46
Butylbenzylphthalate	< 10.0		ug/L	1/27/2021	00:46
Caprolactam	< 10.0		ug/L	1/27/2021	00:46
Carbazole	< 10.0		ug/L	1/27/2021	00:46

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW1
Lab Sample ID: 210346-01 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Chrysene	< 10.0	ug/L	1/27/2021	00:46
Dibenz (a,h) anthracene	< 10.0	ug/L	1/27/2021	00:46
Dibenzofuran	< 10.0	ug/L	1/27/2021	00:46
Diethyl phthalate	< 10.0	ug/L	1/27/2021	00:46
Dimethyl phthalate	< 20.0	ug/L	1/27/2021	00:46
Di-n-butyl phthalate	< 10.0	ug/L	1/27/2021	00:46
Di-n-octylphthalate	< 10.0	ug/L	1/27/2021	00:46
Fluoranthene	< 10.0	ug/L	1/27/2021	00:46
Fluorene	< 10.0	ug/L	1/27/2021	00:46
Hexachlorobenzene	< 10.0	ug/L	1/27/2021	00:46
Hexachlorobutadiene	< 10.0	ug/L	1/27/2021	00:46
Hexachlorocyclopentadiene	< 10.0	ug/L	1/27/2021	00:46
Hexachloroethane	< 10.0	ug/L	1/27/2021	00:46
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L	1/27/2021	00:46
Isophorone	< 10.0	ug/L	1/27/2021	00:46
Naphthalene	**76.8**	ug/L	1/27/2021	00:46
Nitrobenzene	< 10.0	ug/L	1/27/2021	00:46
N-Nitroso-di-n-propylamine	< 10.0	ug/L	1/27/2021	00:46
N-Nitrosodiphenylamine	< 10.0	ug/L	1/27/2021	00:46
Pentachlorophenol	< 20.0	ug/L	1/27/2021	00:46
Phenanthrene	< 10.0	ug/L	1/27/2021	00:46
Phenol	< 10.0	ug/L	1/27/2021	00:46
Pyrene	< 10.0	ug/L	1/27/2021	00:46

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW1
Lab Sample ID: 210346-01
Matrix: Groundwater

Date Sampled: 1/22/2021
Date Received: 1/25/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown Benzene	**23.7** J	ug/L		1/27/2021
Unknown Benzene	**20.4**	ug/L		1/27/2021
Unknown Benzene	**18.7**	ug/L		1/27/2021
Unknown Benzene	**16.8**	ug/L		1/27/2021
Unknown Benzene	**25.6**	ug/L		1/27/2021
Unknown Benzene	**11.6**	ug/L		1/27/2021
Unknown Benzene	**30.3**	ug/L		1/27/2021
Unknown Benzene	**10.6**	ug/L		1/27/2021
Unknown Benzene	**34.7**	ug/L		1/27/2021
Unknown Benzene	**53.5**	ug/L		1/27/2021
Unknown	**10.9**	ug/L		1/27/2021
Unknown	**22.6**	ug/L		1/27/2021
Unknown Benzene	**22.1**	ug/L		1/27/2021
Unknown	~~**9.40**~~ R	ug/L	B	1/27/2021
Methyl Salicylate	**10.0** J	ug/L		1/27/2021
Unknown PAH	**10.0**	ug/L		1/27/2021
Unknown Phenol	**66.7**	ug/L		1/27/2021
Unknown	**16.4**	ug/L		1/27/2021
n-Hexadecanoic Acid	**10.8**	ug/L		1/27/2021
Unknown Amide	~~**73.2**~~ R	ug/L	B	1/27/2021
Total Reported TICS	**498** J	ug/L		1/27/2021

Method Reference(s): EPA 8270D
EPA 3510C

Preparation Date: 1/26/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW2		
Lab Sample ID:	210346-02	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 10.0	ug/L		1/27/2021 01:15
1,2,4,5-Tetrachlorobenzene	< 10.0	ug/L		1/27/2021 01:15
1,2,4-Trichlorobenzene	< 10.0	ug/L		1/27/2021 01:15
1,2-Dichlorobenzene	< 10.0	ug/L		1/27/2021 01:15
1,3-Dichlorobenzene	< 10.0	ug/L		1/27/2021 01:15
1,4-Dichlorobenzene	< 10.0	ug/L		1/27/2021 01:15
2,2-Oxybis (1-chloropropane)	< 10.0	ug/L		1/27/2021 01:15
2,3,4,6-Tetrachlorophenol	< 10.0	ug/L		1/27/2021 01:15
2,4,5-Trichlorophenol	< 20.0	ug/L		1/27/2021 01:15
2,4,6-Trichlorophenol	< 10.0	ug/L		1/27/2021 01:15
2,4-Dichlorophenol	< 10.0	ug/L		1/27/2021 01:15
2,4-Dimethylphenol	< 20.0	ug/L		1/27/2021 01:15
2,4-Dinitrophenol	< 20.0	ug/L		1/27/2021 01:15
2,4-Dinitrotoluene	< 10.0	ug/L		1/27/2021 01:15
2,6-Dinitrotoluene	< 10.0	ug/L		1/27/2021 01:15
2-Chloronaphthalene	< 10.0	ug/L		1/27/2021 01:15
2-Chlorophenol	< 10.0	ug/L		1/27/2021 01:15
2-Methylnapthalene	< 10.0	ug/L		1/27/2021 01:15
2-Methylphenol	< 10.0	ug/L		1/27/2021 01:15
2-Nitroaniline	< 20.0	ug/L		1/27/2021 01:15
2-Nitrophenol	< 10.0	ug/L		1/27/2021 01:15
3&4-Methylphenol	< 10.0	ug/L		1/27/2021 01:15
3,3'-Dichlorobenzidine	< 10.0	ug/L		1/27/2021 01:15

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW2
Lab Sample ID: 210346-02 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

3-Nitroaniline	< 20.0	ug/L	1/27/2021	01:15
4,6-Dinitro-2-methylphenol	< 20.0	ug/L	1/27/2021	01:15
4-Bromophenyl phenyl ether	< 10.0	ug/L	1/27/2021	01:15
4-Chloro-3-methylphenol	< 10.0	ug/L	1/27/2021	01:15
4-Chloroaniline	< 10.0	ug/L	1/27/2021	01:15
4-Chlorophenyl phenyl ether	< 10.0	ug/L	1/27/2021	01:15
4-Nitroaniline	< 20.0	ug/L	1/27/2021	01:15
4-Nitrophenol	< 20.0	ug/L	1/27/2021	01:15
Acenaphthene	< 10.0	ug/L	1/27/2021	01:15
Acenaphthylene	< 10.0	ug/L	1/27/2021	01:15
Acetophenone	< 10.0	ug/L	1/27/2021	01:15
Anthracene	< 10.0	ug/L	1/27/2021	01:15
Atrazine	< 10.0	ug/L	1/27/2021	01:15
Benzaldehyde	< 10.0 UJ	ug/L	1/27/2021	01:15
Benzo (a) anthracene	< 10.0	ug/L	1/27/2021	01:15
Benzo (a) pyrene	< 10.0	ug/L	1/27/2021	01:15
Benzo (b) fluoranthene	< 10.0	ug/L	1/27/2021	01:15
Benzo (g,h,i) perylene	< 10.0	ug/L	1/27/2021	01:15
Benzo (k) fluoranthene	< 10.0	ug/L	1/27/2021	01:15
Bis (2-chloroethoxy) methane	< 10.0	ug/L	1/27/2021	01:15
Bis (2-chloroethyl) ether	< 10.0	ug/L	1/27/2021	01:15
Bis (2-ethylhexyl) phthalate	< 10.0	ug/L	1/27/2021	01:15
Butylbenzylphthalate	< 10.0	ug/L	1/27/2021	01:15
Caprolactam	< 10.0	ug/L	1/27/2021	01:15
Carbazole	< 10.0	ug/L	1/27/2021	01:15

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW2		
Lab Sample ID:	210346-02	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Chrysene	< 10.0	ug/L	1/27/2021	01:15
Dibenz (a,h) anthracene	< 10.0	ug/L	1/27/2021	01:15
Dibenzofuran	< 10.0	ug/L	1/27/2021	01:15
Diethyl phthalate	< 10.0	ug/L	1/27/2021	01:15
Dimethyl phthalate	< 20.0	ug/L	1/27/2021	01:15
Di-n-butyl phthalate	< 10.0	ug/L	1/27/2021	01:15
Di-n-octylphthalate	< 10.0	ug/L	1/27/2021	01:15
Fluoranthene	< 10.0	ug/L	1/27/2021	01:15
Fluorene	< 10.0	ug/L	1/27/2021	01:15
Hexachlorobenzene	< 10.0	ug/L	1/27/2021	01:15
Hexachlorobutadiene	< 10.0	ug/L	1/27/2021	01:15
Hexachlorocyclopentadiene	< 10.0	ug/L	1/27/2021	01:15
Hexachloroethane	< 10.0	ug/L	1/27/2021	01:15
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L	1/27/2021	01:15
Isophorone	< 10.0	ug/L	1/27/2021	01:15
Naphthalene	< 10.0	ug/L	1/27/2021	01:15
Nitrobenzene	< 10.0	ug/L	1/27/2021	01:15
N-Nitroso-di-n-propylamine	< 10.0	ug/L	1/27/2021	01:15
N-Nitrosodiphenylamine	< 10.0	ug/L	1/27/2021	01:15
Pentachlorophenol	< 20.0	ug/L	1/27/2021	01:15
Phenanthrene	< 10.0	ug/L	1/27/2021	01:15
Phenol	< 10.0	ug/L	1/27/2021	01:15
Pyrene	< 10.0	ug/L	1/27/2021	01:15

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW2
Lab Sample ID: 210346-02 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown Benzene	**22.8** J	ug/L		1/27/2021
Unknown Benzene	**65.9**	ug/L		1/27/2021
Unknown Benzene	**19.7**	ug/L		1/27/2021
Unknown Benzene	**32.2**	ug/L		1/27/2021
Unknown Benzene	**11.1**	ug/L		1/27/2021
Unknown Benzene	**15.1**	ug/L		1/27/2021
Unknown Benzene	**72.6**	ug/L		1/27/2021
Unknown Benzene	**11.0**	ug/L		1/27/2021
Unknown	**11.4**	ug/L		1/27/2021
Unknown	**12.3** R	ug/L	B	1/27/2021
Unknown	**9.50** R	ug/L	B	1/27/2021
Unknown PAH	**8.30** J	ug/L		1/27/2021
Unknown Phenol	**40.1**	ug/L		1/27/2021
Unknown	**11.4**	ug/L		1/27/2021
Unknown	**6.80**	ug/L		1/27/2021
n-Hexadecanoic Acid	**8.10**	ug/L		1/27/2021
Unknown Organic Acid	**10.4**	ug/L		1/27/2021
Unknown Amide	**9.10**	ug/L		1/27/2021
Unknown Amide	**124** R	ug/L	B	1/27/2021
Unknown Amide	**13.2** J	ug/L		1/27/2021
Total Reported TICS	**515** J	ug/L		1/27/2021

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 1/26/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW3		
Lab Sample ID:	210346-03	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 10.0	ug/L		1/27/2021 01:45
1,2,4,5-Tetrachlorobenzene	< 10.0	ug/L		1/27/2021 01:45
1,2,4-Trichlorobenzene	< 10.0	ug/L		1/27/2021 01:45
1,2-Dichlorobenzene	< 10.0	ug/L		1/27/2021 01:45
1,3-Dichlorobenzene	< 10.0	ug/L		1/27/2021 01:45
1,4-Dichlorobenzene	< 10.0	ug/L		1/27/2021 01:45
2,2-Oxybis (1-chloropropane)	< 10.0	ug/L		1/27/2021 01:45
2,3,4,6-Tetrachlorophenol	< 10.0	ug/L		1/27/2021 01:45
2,4,5-Trichlorophenol	< 20.0	ug/L		1/27/2021 01:45
2,4,6-Trichlorophenol	< 10.0	ug/L		1/27/2021 01:45
2,4-Dichlorophenol	< 10.0	ug/L		1/27/2021 01:45
2,4-Dimethylphenol	< 20.0	ug/L		1/27/2021 01:45
2,4-Dinitrophenol	< 20.0	ug/L		1/27/2021 01:45
2,4-Dinitrotoluene	< 10.0	ug/L		1/27/2021 01:45
2,6-Dinitrotoluene	< 10.0	ug/L		1/27/2021 01:45
2-Chloronaphthalene	< 10.0	ug/L		1/27/2021 01:45
2-Chlorophenol	< 10.0	ug/L		1/27/2021 01:45
2-Methylnapthalene	< 10.0	ug/L		1/27/2021 01:45
2-Methylphenol	< 10.0	ug/L		1/27/2021 01:45
2-Nitroaniline	< 20.0	ug/L		1/27/2021 01:45
2-Nitrophenol	< 10.0	ug/L		1/27/2021 01:45
3&4-Methylphenol	< 10.0	ug/L		1/27/2021 01:45
3,3'-Dichlorobenzidine	< 10.0	ug/L		1/27/2021 01:45

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW3
Lab Sample ID: 210346-03 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

3-Nitroaniline	< 20.0		ug/L	1/27/2021	01:45
4,6-Dinitro-2-methylphenol	< 20.0		ug/L	1/27/2021	01:45
4-Bromophenyl phenyl ether	< 10.0		ug/L	1/27/2021	01:45
4-Chloro-3-methylphenol	< 10.0		ug/L	1/27/2021	01:45
4-Chloroaniline	< 10.0		ug/L	1/27/2021	01:45
4-Chlorophenyl phenyl ether	< 10.0		ug/L	1/27/2021	01:45
4-Nitroaniline	< 20.0		ug/L	1/27/2021	01:45
4-Nitrophenol	< 20.0		ug/L	1/27/2021	01:45
Acenaphthene	< 10.0		ug/L	1/27/2021	01:45
Acenaphthylene	< 10.0		ug/L	1/27/2021	01:45
Acetophenone	< 10.0		ug/L	1/27/2021	01:45
Anthracene	< 10.0		ug/L	1/27/2021	01:45
Atrazine	< 10.0		ug/L	1/27/2021	01:45
Benzaldehyde	< 10.0	UJ	ug/L	1/27/2021	01:45
Benzo (a) anthracene	< 10.0		ug/L	1/27/2021	01:45
Benzo (a) pyrene	< 10.0		ug/L	1/27/2021	01:45
Benzo (b) fluoranthene	< 10.0		ug/L	1/27/2021	01:45
Benzo (g,h,i) perylene	< 10.0		ug/L	1/27/2021	01:45
Benzo (k) fluoranthene	< 10.0		ug/L	1/27/2021	01:45
Bis (2-chloroethoxy) methane	< 10.0		ug/L	1/27/2021	01:45
Bis (2-chloroethyl) ether	< 10.0		ug/L	1/27/2021	01:45
Bis (2-ethylhexyl) phthalate	< 10.0		ug/L	1/27/2021	01:45
Butylbenzylphthalate	< 10.0		ug/L	1/27/2021	01:45
Caprolactam	< 10.0		ug/L	1/27/2021	01:45
Carbazole	< 10.0		ug/L	1/27/2021	01:45

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW3
Lab Sample ID: 210346-03 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Chrysene	< 10.0	ug/L	1/27/2021	01:45
Dibenz (a,h) anthracene	< 10.0	ug/L	1/27/2021	01:45
Dibenzofuran	< 10.0	ug/L	1/27/2021	01:45
Diethyl phthalate	< 10.0	ug/L	1/27/2021	01:45
Dimethyl phthalate	< 20.0	ug/L	1/27/2021	01:45
Di-n-butyl phthalate	< 10.0	ug/L	1/27/2021	01:45
Di-n-octylphthalate	< 10.0	ug/L	1/27/2021	01:45
Fluoranthene	< 10.0	ug/L	1/27/2021	01:45
Fluorene	< 10.0	ug/L	1/27/2021	01:45
Hexachlorobenzene	< 10.0	ug/L	1/27/2021	01:45
Hexachlorobutadiene	< 10.0	ug/L	1/27/2021	01:45
Hexachlorocyclopentadiene	< 10.0	ug/L	1/27/2021	01:45
Hexachloroethane	< 10.0	ug/L	1/27/2021	01:45
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L	1/27/2021	01:45
Isophorone	< 10.0	ug/L	1/27/2021	01:45
Naphthalene	< 10.0	ug/L	1/27/2021	01:45
Nitrobenzene	< 10.0	ug/L	1/27/2021	01:45
N-Nitroso-di-n-propylamine	< 10.0	ug/L	1/27/2021	01:45
N-Nitrosodiphenylamine	< 10.0	ug/L	1/27/2021	01:45
Pentachlorophenol	< 20.0	ug/L	1/27/2021	01:45
Phenanthrene	< 10.0	ug/L	1/27/2021	01:45
Phenol	< 10.0	ug/L	1/27/2021	01:45
Pyrene	< 10.0	ug/L	1/27/2021	01:45

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW3
Lab Sample ID: 210346-03 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	~~25.4~~ R	ug/L	B	1/27/2021
Unknown	**24.5** J	ug/L		1/27/2021
Unknown	**11.1**	ug/L		1/27/2021
n-Hexadecanoic Acid	**10.6**	ug/L		1/27/2021
Unknown Organic Acid	**20.0**	ug/L		1/27/2021
Unknown Amide	**18.0**	ug/L		1/27/2021
Unknown Amide	~~27.1~~ R	ug/L	B	1/27/2021
Unknown Amide	**10.7** J	ug/L		1/27/2021
Unknown Amide	**25.4** J	ug/L		1/27/2021
Total Reported TICS	**417**	ug/L		1/27/2021

Method Reference(s): EPA 8270D
EPA 3510C

Preparation Date: 1/26/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 3/2/2021

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW4		
Lab Sample ID:	210346-04	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 10.0	ug/L		1/27/2021 02:14
1,2,4,5-Tetrachlorobenzene	< 10.0	ug/L		1/27/2021 02:14
1,2,4-Trichlorobenzene	< 10.0	ug/L		1/27/2021 02:14
1,2-Dichlorobenzene	< 10.0	ug/L		1/27/2021 02:14
1,3-Dichlorobenzene	< 10.0	ug/L		1/27/2021 02:14
1,4-Dichlorobenzene	< 10.0	ug/L		1/27/2021 02:14
2,2-Oxybis (1-chloropropane)	< 10.0	ug/L		1/27/2021 02:14
2,3,4,6-Tetrachlorophenol	< 10.0	ug/L		1/27/2021 02:14
2,4,5-Trichlorophenol	< 20.0	ug/L		1/27/2021 02:14
2,4,6-Trichlorophenol	< 10.0	ug/L		1/27/2021 02:14
2,4-Dichlorophenol	< 10.0	ug/L		1/27/2021 02:14
2,4-Dimethylphenol	< 20.0	ug/L		1/27/2021 02:14
2,4-Dinitrophenol	< 20.0	ug/L		1/27/2021 02:14
2,4-Dinitrotoluene	< 10.0	ug/L		1/27/2021 02:14
2,6-Dinitrotoluene	< 10.0	ug/L		1/27/2021 02:14
2-Chloronaphthalene	< 10.0	ug/L		1/27/2021 02:14
2-Chlorophenol	< 10.0	ug/L		1/27/2021 02:14
2-Methylnapthalene	< 10.0	ug/L		1/27/2021 02:14
2-Methylphenol	< 10.0	ug/L		1/27/2021 02:14
2-Nitroaniline	< 20.0	ug/L		1/27/2021 02:14
2-Nitrophenol	< 10.0	ug/L		1/27/2021 02:14
3&4-Methylphenol	< 10.0	ug/L		1/27/2021 02:14
3,3'-Dichlorobenzidine	< 10.0	ug/L		1/27/2021 02:14

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW4
Lab Sample ID: 210346-04 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

3-Nitroaniline	< 20.0		ug/L	1/27/2021 02:14
4,6-Dinitro-2-methylphenol	< 20.0		ug/L	1/27/2021 02:14
4-Bromophenyl phenyl ether	< 10.0		ug/L	1/27/2021 02:14
4-Chloro-3-methylphenol	< 10.0		ug/L	1/27/2021 02:14
4-Chloroaniline	< 10.0		ug/L	1/27/2021 02:14
4-Chlorophenyl phenyl ether	< 10.0		ug/L	1/27/2021 02:14
4-Nitroaniline	< 20.0		ug/L	1/27/2021 02:14
4-Nitrophenol	< 20.0		ug/L	1/27/2021 02:14
Acenaphthene	< 10.0		ug/L	1/27/2021 02:14
Acenaphthylene	< 10.0		ug/L	1/27/2021 02:14
Acetophenone	< 10.0		ug/L	1/27/2021 02:14
Anthracene	< 10.0		ug/L	1/27/2021 02:14
Atrazine	< 10.0		ug/L	1/27/2021 02:14
Benzaldehyde	< 10.0	UJ	ug/L	1/27/2021 02:14
Benzo (a) anthracene	< 10.0		ug/L	1/27/2021 02:14
Benzo (a) pyrene	< 10.0		ug/L	1/27/2021 02:14
Benzo (b) fluoranthene	< 10.0		ug/L	1/27/2021 02:14
Benzo (g,h,i) perylene	< 10.0		ug/L	1/27/2021 02:14
Benzo (k) fluoranthene	< 10.0		ug/L	1/27/2021 02:14
Bis (2-chloroethoxy) methane	< 10.0		ug/L	1/27/2021 02:14
Bis (2-chloroethyl) ether	< 10.0		ug/L	1/27/2021 02:14
Bis (2-ethylhexyl) phthalate	< 10.0		ug/L	1/27/2021 02:14
Butylbenzylphthalate	< 10.0		ug/L	1/27/2021 02:14
Caprolactam	< 10.0		ug/L	1/27/2021 02:14
Carbazole	< 10.0		ug/L	1/27/2021 02:14

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW4		
Lab Sample ID:	210346-04	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Chrysene	< 10.0	ug/L	1/27/2021	02:14
Dibenz (a,h) anthracene	< 10.0	ug/L	1/27/2021	02:14
Dibenzofuran	< 10.0	ug/L	1/27/2021	02:14
Diethyl phthalate	< 10.0	ug/L	1/27/2021	02:14
Dimethyl phthalate	< 20.0	ug/L	1/27/2021	02:14
Di-n-butyl phthalate	< 10.0	ug/L	1/27/2021	02:14
Di-n-octylphthalate	< 10.0	ug/L	1/27/2021	02:14
Fluoranthene	< 10.0	ug/L	1/27/2021	02:14
Fluorene	< 10.0	ug/L	1/27/2021	02:14
Hexachlorobenzene	< 10.0	ug/L	1/27/2021	02:14
Hexachlorobutadiene	< 10.0	ug/L	1/27/2021	02:14
Hexachlorocyclopentadiene	< 10.0	ug/L	1/27/2021	02:14
Hexachloroethane	< 10.0	ug/L	1/27/2021	02:14
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L	1/27/2021	02:14
Isophorone	< 10.0	ug/L	1/27/2021	02:14
Naphthalene	< 10.0	ug/L	1/27/2021	02:14
Nitrobenzene	< 10.0	ug/L	1/27/2021	02:14
N-Nitroso-di-n-propylamine	< 10.0	ug/L	1/27/2021	02:14
N-Nitrosodiphenylamine	< 10.0	ug/L	1/27/2021	02:14
Pentachlorophenol	< 20.0	ug/L	1/27/2021	02:14
Phenanthrene	< 10.0	ug/L	1/27/2021	02:14
Phenol	< 10.0	ug/L	1/27/2021	02:14
Pyrene	< 10.0	ug/L	1/27/2021	02:14

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW4
Lab Sample ID: 210346-04 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown	~~16.7~~ R	ug/L	B	1/27/2021
Unknown	~~11.8~~ R	ug/L	B	1/27/2021
Unknown	**16.3** J	ug/L		1/27/2021
Unknown	**11.1** J	ug/L		1/27/2021
Unknown Amide	**14.9** J	ug/L		1/27/2021
Unknown Amide	~~226~~ R	ug/L	B	1/27/2021
Unknown Amide	**8.80** J	ug/L		1/27/2021
Unknown Amide	**20.0** J	ug/L		1/27/2021
Total Reported TICS	**326**	ug/L		1/27/2021

Method Reference(s): EPA 8270D
EPA 3510C

Preparation Date: 1/26/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 3/2/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 10.0	ug/L		1/27/2021 02:44
1,2,4,5-Tetrachlorobenzene	< 10.0	ug/L		1/27/2021 02:44
1,2,4-Trichlorobenzene	< 10.0	ug/L		1/27/2021 02:44
1,2-Dichlorobenzene	< 10.0	ug/L		1/27/2021 02:44
1,3-Dichlorobenzene	< 10.0	ug/L		1/27/2021 02:44
1,4-Dichlorobenzene	< 10.0	ug/L		1/27/2021 02:44
2,2-Oxybis (1-chloropropane)	< 10.0	ug/L		1/27/2021 02:44
2,3,4,6-Tetrachlorophenol	< 10.0	ug/L		1/27/2021 02:44
2,4,5-Trichlorophenol	< 20.0	ug/L		1/27/2021 02:44
2,4,6-Trichlorophenol	< 10.0	ug/L		1/27/2021 02:44
2,4-Dichlorophenol	< 10.0	ug/L		1/27/2021 02:44
2,4-Dimethylphenol	< 20.0	ug/L		1/27/2021 02:44
2,4-Dinitrophenol	< 20.0	ug/L		1/27/2021 02:44
2,4-Dinitrotoluene	< 10.0	ug/L		1/27/2021 02:44
2,6-Dinitrotoluene	< 10.0	ug/L		1/27/2021 02:44
2-Chloronaphthalene	< 10.0	ug/L		1/27/2021 02:44
2-Chlorophenol	< 10.0	ug/L		1/27/2021 02:44
2-Methylnapthalene	< 10.0	ug/L		1/27/2021 02:44
2-Methylphenol	< 10.0	ug/L		1/27/2021 02:44
2-Nitroaniline	< 20.0	ug/L		1/27/2021 02:44
2-Nitrophenol	< 10.0	ug/L		1/27/2021 02:44
3&4-Methylphenol	< 10.0	ug/L		1/27/2021 02:44
3,3'-Dichlorobenzidine	< 10.0	ug/L		1/27/2021 02:44

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW5
Lab Sample ID: 210346-05 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

3-Nitroaniline	< 20.0	ug/L	1/27/2021	02:44
4,6-Dinitro-2-methylphenol	< 20.0	ug/L	1/27/2021	02:44
4-Bromophenyl phenyl ether	< 10.0	ug/L	1/27/2021	02:44
4-Chloro-3-methylphenol	< 10.0	ug/L	1/27/2021	02:44
4-Chloroaniline	< 10.0	ug/L	1/27/2021	02:44
4-Chlorophenyl phenyl ether	< 10.0	ug/L	1/27/2021	02:44
4-Nitroaniline	< 20.0	ug/L	1/27/2021	02:44
4-Nitrophenol	< 20.0	ug/L	1/27/2021	02:44
Acenaphthene	< 10.0	ug/L	1/27/2021	02:44
Acenaphthylene	< 10.0	ug/L	1/27/2021	02:44
Acetophenone	< 10.0	ug/L	1/27/2021	02:44
Anthracene	< 10.0	ug/L	1/27/2021	02:44
Atrazine	< 10.0	ug/L	1/27/2021	02:44
Benzaldehyde	< 10.0 UJ	ug/L	1/27/2021	02:44
Benzo (a) anthracene	< 10.0	ug/L	1/27/2021	02:44
Benzo (a) pyrene	< 10.0	ug/L	1/27/2021	02:44
Benzo (b) fluoranthene	< 10.0	ug/L	1/27/2021	02:44
Benzo (g,h,i) perylene	< 10.0	ug/L	1/27/2021	02:44
Benzo (k) fluoranthene	< 10.0	ug/L	1/27/2021	02:44
Bis (2-chloroethoxy) methane	< 10.0	ug/L	1/27/2021	02:44
Bis (2-chloroethyl) ether	< 10.0	ug/L	1/27/2021	02:44
Bis (2-ethylhexyl) phthalate	< 10.0	ug/L	1/27/2021	02:44
Butylbenzylphthalate	< 10.0	ug/L	1/27/2021	02:44
Caprolactam	< 10.0	ug/L	1/27/2021	02:44
Carbazole	< 10.0	ug/L	1/27/2021	02:44

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Chrysene	< 10.0	ug/L		1/27/2021	02:44
Dibenz (a,h) anthracene	< 10.0	ug/L		1/27/2021	02:44
Dibenzofuran	< 10.0	ug/L		1/27/2021	02:44
Diethyl phthalate	< 10.0	ug/L		1/27/2021	02:44
Dimethyl phthalate	< 20.0	ug/L		1/27/2021	02:44
Di-n-butyl phthalate	< 10.0	ug/L		1/27/2021	02:44
Di-n-octylphthalate	< 10.0	ug/L		1/27/2021	02:44
Fluoranthene	< 10.0	ug/L		1/27/2021	02:44
Fluorene	< 10.0	ug/L		1/27/2021	02:44
Hexachlorobenzene	< 10.0	ug/L		1/27/2021	02:44
Hexachlorobutadiene	< 10.0	ug/L		1/27/2021	02:44
Hexachlorocyclopentadiene	< 10.0	ug/L		1/27/2021	02:44
Hexachloroethane	< 10.0	ug/L		1/27/2021	02:44
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		1/27/2021	02:44
Isophorone	< 10.0	ug/L		1/27/2021	02:44
Naphthalene	**9.59**	ug/L	J	1/27/2021	02:44
Nitrobenzene	< 10.0	ug/L		1/27/2021	02:44
N-Nitroso-di-n-propylamine	< 10.0	ug/L		1/27/2021	02:44
N-Nitrosodiphenylamine	< 10.0	ug/L		1/27/2021	02:44
Pentachlorophenol	< 20.0	ug/L		1/27/2021	02:44
Phenanthrene	< 10.0	ug/L		1/27/2021	02:44
Phenol	< 10.0	ug/L		1/27/2021	02:44
Pyrene	< 10.0	ug/L		1/27/2021	02:44

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW5
Lab Sample ID: 210346-05
Matrix: Groundwater
Date Sampled: 1/22/2021
Date Received: 1/25/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
Unknown Benzene	**7.30** J	ug/L		1/27/2021
Unknown Benzene	**6.00**	ug/L		1/27/2021
Unknown Benzene	**7.30**	ug/L		1/27/2021
Unknown Benzene	**7.10**	ug/L		1/27/2021
Unknown Benzene	**11.0**	ug/L		1/27/2021
Unknown Benzene	**5.30**	ug/L		1/27/2021
Unknown	~~**6.00**~~ R	ug/L	B	1/27/2021
Unknown	**4.70** J	ug/L		1/27/2021
Unknown PAH	**5.80**	ug/L		1/27/2021
Unknown Phenol	**33.8**	ug/L		1/27/2021
Unknown	**12.7**	ug/L		1/27/2021
Unknown Amide	**7.30**	ug/L		1/27/2021
Unknown Amide	~~**111**~~ R	ug/L	B	1/27/2021
Unknown	**4.30** J	ug/L		1/27/2021
Unknown Amide	**9.20** J	ug/L		1/27/2021
Total Reported TICS	**239**	ug/L		1/27/2021

Method Reference(s): EPA 8270D
EPA 3510C

Preparation Date: 1/26/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 3/2/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW12		
Lab Sample ID:	210346-06	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 10.0	ug/L		1/27/2021 03:13
1,2,4,5-Tetrachlorobenzene	< 10.0	ug/L		1/27/2021 03:13
1,2,4-Trichlorobenzene	< 10.0	ug/L		1/27/2021 03:13
1,2-Dichlorobenzene	< 10.0	ug/L		1/27/2021 03:13
1,3-Dichlorobenzene	< 10.0	ug/L		1/27/2021 03:13
1,4-Dichlorobenzene	< 10.0	ug/L		1/27/2021 03:13
2,2-Oxybis (1-chloropropane)	< 10.0	ug/L		1/27/2021 03:13
2,3,4,6-Tetrachlorophenol	< 10.0	ug/L		1/27/2021 03:13
2,4,5-Trichlorophenol	< 20.0	ug/L		1/27/2021 03:13
2,4,6-Trichlorophenol	< 10.0	ug/L		1/27/2021 03:13
2,4-Dichlorophenol	< 10.0	ug/L		1/27/2021 03:13
2,4-Dimethylphenol	< 20.0	ug/L		1/27/2021 03:13
2,4-Dinitrophenol	< 20.0	ug/L		1/27/2021 03:13
2,4-Dinitrotoluene	< 10.0	ug/L		1/27/2021 03:13
2,6-Dinitrotoluene	< 10.0	ug/L		1/27/2021 03:13
2-Chloronaphthalene	< 10.0	ug/L		1/27/2021 03:13
2-Chlorophenol	< 10.0	ug/L		1/27/2021 03:13
2-Methylnapthalene	< 10.0	ug/L		1/27/2021 03:13
2-Methylphenol	< 10.0	ug/L		1/27/2021 03:13
2-Nitroaniline	< 20.0	ug/L		1/27/2021 03:13
2-Nitrophenol	< 10.0	ug/L		1/27/2021 03:13
3&4-Methylphenol	< 10.0	ug/L		1/27/2021 03:13
3,3'-Dichlorobenzidine	< 10.0	ug/L		1/27/2021 03:13

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW12
Lab Sample ID: 210346-06 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

3-Nitroaniline	< 20.0		ug/L	1/27/2021 03:13
4,6-Dinitro-2-methylphenol	< 20.0		ug/L	1/27/2021 03:13
4-Bromophenyl phenyl ether	< 10.0		ug/L	1/27/2021 03:13
4-Chloro-3-methylphenol	< 10.0		ug/L	1/27/2021 03:13
4-Chloroaniline	< 10.0		ug/L	1/27/2021 03:13
4-Chlorophenyl phenyl ether	< 10.0		ug/L	1/27/2021 03:13
4-Nitroaniline	< 20.0		ug/L	1/27/2021 03:13
4-Nitrophenol	< 20.0		ug/L	1/27/2021 03:13
Acenaphthene	< 10.0		ug/L	1/27/2021 03:13
Acenaphthylene	< 10.0		ug/L	1/27/2021 03:13
Acetophenone	< 10.0		ug/L	1/27/2021 03:13
Anthracene	< 10.0		ug/L	1/27/2021 03:13
Atrazine	< 10.0		ug/L	1/27/2021 03:13
Benzaldehyde	< 10.0	UJ	ug/L	1/27/2021 03:13
Benzo (a) anthracene	< 10.0		ug/L	1/27/2021 03:13
Benzo (a) pyrene	< 10.0		ug/L	1/27/2021 03:13
Benzo (b) fluoranthene	< 10.0		ug/L	1/27/2021 03:13
Benzo (g,h,i) perylene	< 10.0		ug/L	1/27/2021 03:13
Benzo (k) fluoranthene	< 10.0		ug/L	1/27/2021 03:13
Bis (2-chloroethoxy) methane	< 10.0		ug/L	1/27/2021 03:13
Bis (2-chloroethyl) ether	< 10.0		ug/L	1/27/2021 03:13
Bis (2-ethylhexyl) phthalate	< 10.0		ug/L	1/27/2021 03:13
Butylbenzylphthalate	< 10.0		ug/L	1/27/2021 03:13
Caprolactam	< 10.0		ug/L	1/27/2021 03:13
Carbazole	< 10.0		ug/L	1/27/2021 03:13

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW12		
Lab Sample ID:	210346-06	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Chrysene	< 10.0	ug/L	1/27/2021	03:13
Dibenz (a,h) anthracene	< 10.0	ug/L	1/27/2021	03:13
Dibenzofuran	< 10.0	ug/L	1/27/2021	03:13
Diethyl phthalate	< 10.0	ug/L	1/27/2021	03:13
Dimethyl phthalate	< 20.0	ug/L	1/27/2021	03:13
Di-n-butyl phthalate	< 10.0	ug/L	1/27/2021	03:13
Di-n-octylphthalate	< 10.0	ug/L	1/27/2021	03:13
Fluoranthene	< 10.0	ug/L	1/27/2021	03:13
Fluorene	< 10.0	ug/L	1/27/2021	03:13
Hexachlorobenzene	< 10.0	ug/L	1/27/2021	03:13
Hexachlorobutadiene	< 10.0	ug/L	1/27/2021	03:13
Hexachlorocyclopentadiene	< 10.0	ug/L	1/27/2021	03:13
Hexachloroethane	< 10.0	ug/L	1/27/2021	03:13
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L	1/27/2021	03:13
Isophorone	< 10.0	ug/L	1/27/2021	03:13
Naphthalene	< 10.0	ug/L	1/27/2021	03:13
Nitrobenzene	< 10.0	ug/L	1/27/2021	03:13
N-Nitroso-di-n-propylamine	< 10.0	ug/L	1/27/2021	03:13
N-Nitrosodiphenylamine	< 10.0	ug/L	1/27/2021	03:13
Pentachlorophenol	< 20.0	ug/L	1/27/2021	03:13
Phenanthrene	< 10.0	ug/L	1/27/2021	03:13
Phenol	< 10.0	ug/L	1/27/2021	03:13
Pyrene	< 10.0	ug/L	1/27/2021	03:13

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW12
Lab Sample ID: 210346-06
Matrix: Groundwater
Date Sampled: 1/22/2021
Date Received: 1/25/2021

Semi-Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result		Units	Qualifier	Date Analyzed
Unknown Benzene	**23.1**	J	ug/L		1/27/2021
Unknown Benzene	**67.5**		ug/L		1/27/2021
Unknown Benzene	**19.2**		ug/L		1/27/2021
Unknown Benzene	**31.2**		ug/L		1/27/2021
Unknown Benzene	**15.1**		ug/L		1/27/2021
Unknown Benzene	**65.5**		ug/L		1/27/2021
Unknown	~~**14.6**~~	R	ug/L	B	1/27/2021
Unknown	~~**12.3**~~	R	ug/L	B	1/27/2021
Unknown	**52.3**	J	ug/L		1/27/2021
Unknown	**13.5**		ug/L		1/27/2021
n-Hexadecanoic Acid	**8.10**		ug/L		1/27/2021
Unknown Organic Acid	**14.5**		ug/L		1/27/2021
Unknown Amide	**16.8**		ug/L		1/27/2021
Unknown Amide	~~**24.1**~~	R	ug/L	B	1/27/2021
Unknown Amide	**9.30**	J	ug/L		1/27/2021
Unknown Amide	**22.3**	J	ug/L		1/27/2021
Total Reported TICS	**626**		ug/L		1/27/2021

Method Reference(s): EPA 8270D
EPA 3510C

Preparation Date: 1/26/2021

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

MKP 3/2/2021

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1,4-DIOXANE

SAMPLE DATA

No Data Validation Qualifiers Were Added

MKP 3/2/2021

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW2		
Lab Sample ID:	210346-02	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dioxane

Analyte	Result	Units	Qualifier	Date Analyzed
1,4-Dioxane	< 0.200	ug/L		1/26/2021 19:15

Method Reference(s): EPA 8270D SIM
EPA 3510C
Preparation Date: 1/26/2021
Data File: B51910.D

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW4		
Lab Sample ID:	210346-04	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dioxane

Analyte	Result	Units	Qualifier	Date Analyzed
1,4-Dioxane	< 0.200	ug/L		1/26/2021 19:26

Method Reference(s): EPA 8270D SIM
EPA 3510C
Preparation Date: 1/26/2021
Data File: B51911.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dioxane

Analyte	Result	Units	Qualifier	Date Analyzed
1,4-Dioxane	< 0.200	ug/L		1/26/2021 19:37

Method Reference(s): EPA 8270D SIM
EPA 3510C
Preparation Date: 1/26/2021
Data File: B51912.D

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PESTICIDES

SAMPLE DATA

No Data Validation Qualifiers Were Added

MKP 3/2/2021

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW1		
Lab Sample ID:	210346-01	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.200	ug/L		1/27/2021 14:42
4,4-DDE	< 0.200	ug/L		1/27/2021 14:42
4,4-DDT	< 0.200	ug/L		1/27/2021 14:42
Aldrin	< 0.200	ug/L		1/27/2021 14:42
alpha-BHC	< 0.200	ug/L		1/27/2021 14:42
beta-BHC	< 0.200	ug/L		1/27/2021 14:42
cis-Chlordane	< 0.200	ug/L		1/27/2021 14:42
delta-BHC	< 0.200	ug/L		1/27/2021 14:42
Dieldrin	< 0.200	ug/L		1/27/2021 14:42
Endosulfan I	< 0.200	ug/L		1/27/2021 14:42
Endosulfan II	< 0.200	ug/L		1/27/2021 14:42
Endosulfan Sulfate	< 0.200	ug/L		1/27/2021 14:42
Endrin	< 0.200	ug/L		1/27/2021 14:42
Endrin Aldehyde	< 0.200	ug/L		1/27/2021 14:42
Endrin Ketone	< 0.200	ug/L		1/27/2021 14:42
gamma-BHC (Lindane)	< 0.200	ug/L		1/27/2021 14:42
Heptachlor	< 0.200	ug/L		1/27/2021 14:42
Heptachlor Epoxide	< 0.200	ug/L		1/27/2021 14:42
Methoxychlor	< 0.200	ug/L		1/27/2021 14:42
Toxaphene	< 2.00	ug/L		1/27/2021 14:42
trans-Chlordane	< 0.200	ug/L		1/27/2021 14:42

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW2
Lab Sample ID: 210346-02 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.200	ug/L		1/27/2021 15:01
4,4-DDE	< 0.200	ug/L		1/27/2021 15:01
4,4-DDT	< 0.200	ug/L		1/27/2021 15:01
Aldrin	< 0.200	ug/L		1/27/2021 15:01
alpha-BHC	< 0.200	ug/L		1/27/2021 15:01
beta-BHC	< 0.200	ug/L		1/27/2021 15:01
cis-Chlordane	< 0.200	ug/L		1/27/2021 15:01
delta-BHC	< 0.200	ug/L		1/27/2021 15:01
Dieldrin	< 0.200	ug/L		1/27/2021 15:01
Endosulfan I	< 0.200	ug/L		1/27/2021 15:01
Endosulfan II	< 0.200	ug/L		1/27/2021 15:01
Endosulfan Sulfate	< 0.200	ug/L		1/27/2021 15:01
Endrin	< 0.200	ug/L		1/27/2021 15:01
Endrin Aldehyde	< 0.200	ug/L		1/27/2021 15:01
Endrin Ketone	< 0.200	ug/L		1/27/2021 15:01
gamma-BHC (Lindane)	< 0.200	ug/L		1/27/2021 15:01
Heptachlor	< 0.200	ug/L		1/27/2021 15:01
Heptachlor Epoxide	< 0.200	ug/L		1/27/2021 15:01
Methoxychlor	< 0.200	ug/L		1/27/2021 15:01
Toxaphene	< 2.00	ug/L		1/27/2021 15:01
trans-Chlordane	< 0.200	ug/L		1/27/2021 15:01

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW3		
Lab Sample ID:	210346-03	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.200	ug/L		1/27/2021 15:20
4,4-DDE	< 0.200	ug/L		1/27/2021 15:20
4,4-DDT	< 0.200	ug/L		1/27/2021 15:20
Aldrin	< 0.200	ug/L		1/27/2021 15:20
alpha-BHC	< 0.200	ug/L		1/27/2021 15:20
beta-BHC	< 0.200	ug/L		1/27/2021 15:20
cis-Chlordane	< 0.200	ug/L		1/27/2021 15:20
delta-BHC	< 0.200	ug/L		1/27/2021 15:20
Dieldrin	< 0.200	ug/L		1/27/2021 15:20
Endosulfan I	< 0.200	ug/L		1/27/2021 15:20
Endosulfan II	< 0.200	ug/L		1/27/2021 15:20
Endosulfan Sulfate	< 0.200	ug/L		1/27/2021 15:20
Endrin	< 0.200	ug/L		1/27/2021 15:20
Endrin Aldehyde	< 0.200	ug/L		1/27/2021 15:20
Endrin Ketone	< 0.200	ug/L		1/27/2021 15:20
gamma-BHC (Lindane)	< 0.200	ug/L		1/27/2021 15:20
Heptachlor	< 0.200	ug/L		1/27/2021 15:20
Heptachlor Epoxide	< 0.200	ug/L		1/27/2021 15:20
Methoxychlor	< 0.200	ug/L		1/27/2021 15:20
Toxaphene	< 2.00	ug/L		1/27/2021 15:20
trans-Chlordane	< 0.200	ug/L		1/27/2021 15:20

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW4		
Lab Sample ID:	210346-04	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.200	ug/L		1/27/2021 15:38
4,4-DDE	< 0.200	ug/L		1/27/2021 15:38
4,4-DDT	< 0.200	ug/L		1/27/2021 15:38
Aldrin	< 0.200	ug/L		1/27/2021 15:38
alpha-BHC	< 0.200	ug/L		1/27/2021 15:38
beta-BHC	< 0.200	ug/L		1/27/2021 15:38
cis-Chlordane	< 0.200	ug/L		1/27/2021 15:38
delta-BHC	< 0.200	ug/L		1/27/2021 15:38
Dieldrin	< 0.200	ug/L		1/27/2021 15:38
Endosulfan I	< 0.200	ug/L		1/27/2021 15:38
Endosulfan II	< 0.200	ug/L		1/27/2021 15:38
Endosulfan Sulfate	< 0.200	ug/L		1/27/2021 15:38
Endrin	< 0.200	ug/L		1/27/2021 15:38
Endrin Aldehyde	< 0.200	ug/L		1/27/2021 15:38
Endrin Ketone	< 0.200	ug/L		1/27/2021 15:38
gamma-BHC (Lindane)	< 0.200	ug/L		1/27/2021 15:38
Heptachlor	< 0.200	ug/L		1/27/2021 15:38
Heptachlor Epoxide	< 0.200	ug/L		1/27/2021 15:38
Methoxychlor	< 0.200	ug/L		1/27/2021 15:38
Toxaphene	< 2.00	ug/L		1/27/2021 15:38
trans-Chlordane	< 0.200	ug/L		1/27/2021 15:38

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.200	ug/L		1/27/2021 15:57
4,4-DDE	< 0.200	ug/L		1/27/2021 15:57
4,4-DDT	< 0.200	ug/L		1/27/2021 15:57
Aldrin	< 0.200	ug/L		1/27/2021 15:57
alpha-BHC	< 0.200	ug/L		1/27/2021 15:57
beta-BHC	< 0.200	ug/L		1/27/2021 15:57
cis-Chlordane	< 0.200	ug/L		1/27/2021 15:57
delta-BHC	< 0.200	ug/L		1/27/2021 15:57
Dieldrin	< 0.200	ug/L		1/27/2021 15:57
Endosulfan I	< 0.200	ug/L		1/27/2021 15:57
Endosulfan II	< 0.200	ug/L		1/27/2021 15:57
Endosulfan Sulfate	< 0.200	ug/L		1/27/2021 15:57
Endrin	< 0.200	ug/L		1/27/2021 15:57
Endrin Aldehyde	< 0.200	ug/L		1/27/2021 15:57
Endrin Ketone	< 0.200	ug/L		1/27/2021 15:57
gamma-BHC (Lindane)	< 0.200	ug/L		1/27/2021 15:57
Heptachlor	< 0.200	ug/L		1/27/2021 15:57
Heptachlor Epoxide	< 0.200	ug/L		1/27/2021 15:57
Methoxychlor	< 0.200	ug/L		1/27/2021 15:57
Toxaphene	< 2.00	ug/L		1/27/2021 15:57
trans-Chlordane	< 0.200	ug/L		1/27/2021 15:57

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW12		
Lab Sample ID:	210346-06	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.200	ug/L		1/27/2021 16:16
4,4-DDE	< 0.200	ug/L		1/27/2021 16:16
4,4-DDT	< 0.200	ug/L		1/27/2021 16:16
Aldrin	< 0.200	ug/L		1/27/2021 16:16
alpha-BHC	< 0.200	ug/L		1/27/2021 16:16
beta-BHC	< 0.200	ug/L		1/27/2021 16:16
cis-Chlordane	< 0.200	ug/L		1/27/2021 16:16
delta-BHC	< 0.200	ug/L		1/27/2021 16:16
Dieldrin	< 0.200	ug/L		1/27/2021 16:16
Endosulfan I	< 0.200	ug/L		1/27/2021 16:16
Endosulfan II	< 0.200	ug/L		1/27/2021 16:16
Endosulfan Sulfate	< 0.200	ug/L		1/27/2021 16:16
Endrin	< 0.200	ug/L		1/27/2021 16:16
Endrin Aldehyde	< 0.200	ug/L		1/27/2021 16:16
Endrin Ketone	< 0.200	ug/L		1/27/2021 16:16
gamma-BHC (Lindane)	< 0.200	ug/L		1/27/2021 16:16
Heptachlor	< 0.200	ug/L		1/27/2021 16:16
Heptachlor Epoxide	< 0.200	ug/L		1/27/2021 16:16
Methoxychlor	< 0.200	ug/L		1/27/2021 16:16
Toxaphene	< 2.00	ug/L		1/27/2021 16:16
trans-Chlordane	< 0.200	ug/L		1/27/2021 16:16

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PCBS

SAMPLE DATA

No Data Validation Qualifiers Were Added

MKP 3/2/2021

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW1		
Lab Sample ID:	210346-01	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		1/27/2021 12:46
PCB-1221	< 1.00	ug/L		1/27/2021 12:46
PCB-1232	< 1.00	ug/L		1/27/2021 12:46
PCB-1242	< 1.00	ug/L		1/27/2021 12:46
PCB-1248	< 1.00	ug/L		1/27/2021 12:46
PCB-1254	< 1.00	ug/L		1/27/2021 12:46
PCB-1260	< 1.00	ug/L		1/27/2021 12:46
PCB-1262	< 1.00	ug/L		1/27/2021 12:46
PCB-1268	< 1.00	ug/L		1/27/2021 12:46

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**43.4**	31.6 - 98.5		1/27/2021 12:46

Method Reference(s): EPA 8082A
EPA 3510C

Preparation Date: 1/27/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW2		
Lab Sample ID:	210346-02	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		1/27/2021 13:10
PCB-1221	< 1.00	ug/L		1/27/2021 13:10
PCB-1232	< 1.00	ug/L		1/27/2021 13:10
PCB-1242	< 1.00	ug/L		1/27/2021 13:10
PCB-1248	< 1.00	ug/L		1/27/2021 13:10
PCB-1254	< 1.00	ug/L		1/27/2021 13:10
PCB-1260	< 1.00	ug/L		1/27/2021 13:10
PCB-1262	< 1.00	ug/L		1/27/2021 13:10
PCB-1268	< 1.00	ug/L		1/27/2021 13:10

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**50.6**	31.6 - 98.5		1/27/2021 13:10

Method Reference(s): EPA 8082A
EPA 3510C

Preparation Date: 1/27/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW3		
Lab Sample ID:	210346-03	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		1/27/2021 13:34
PCB-1221	< 1.00	ug/L		1/27/2021 13:34
PCB-1232	< 1.00	ug/L		1/27/2021 13:34
PCB-1242	< 1.00	ug/L		1/27/2021 13:34
PCB-1248	< 1.00	ug/L		1/27/2021 13:34
PCB-1254	< 1.00	ug/L		1/27/2021 13:34
PCB-1260	< 1.00	ug/L		1/27/2021 13:34
PCB-1262	< 1.00	ug/L		1/27/2021 13:34
PCB-1268	< 1.00	ug/L		1/27/2021 13:34

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**57.3**	31.6 - 98.5		1/27/2021 13:34

Method Reference(s): EPA 8082A
EPA 3510C

Preparation Date: 1/27/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW4		
Lab Sample ID:	210346-04	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		1/27/2021 13:59
PCB-1221	< 1.00	ug/L		1/27/2021 13:59
PCB-1232	< 1.00	ug/L		1/27/2021 13:59
PCB-1242	< 1.00	ug/L		1/27/2021 13:59
PCB-1248	< 1.00	ug/L		1/27/2021 13:59
PCB-1254	< 1.00	ug/L		1/27/2021 13:59
PCB-1260	< 1.00	ug/L		1/27/2021 13:59
PCB-1262	< 1.00	ug/L		1/27/2021 13:59
PCB-1268	< 1.00	ug/L		1/27/2021 13:59

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**43.9**	31.6 - 98.5		1/27/2021 13:59

Method Reference(s): EPA 8082A
EPA 3510C

Preparation Date: 1/27/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		1/27/2021 14:24
PCB-1221	< 1.00	ug/L		1/27/2021 14:24
PCB-1232	< 1.00	ug/L		1/27/2021 14:24
PCB-1242	< 1.00	ug/L		1/27/2021 14:24
PCB-1248	< 1.00	ug/L		1/27/2021 14:24
PCB-1254	< 1.00	ug/L		1/27/2021 14:24
PCB-1260	< 1.00	ug/L		1/27/2021 14:24
PCB-1262	< 1.00	ug/L		1/27/2021 14:24
PCB-1268	< 1.00	ug/L		1/27/2021 14:24

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**43.5**	31.6 - 98.5		1/27/2021 14:24

Method Reference(s): EPA 8082A
EPA 3510C

Preparation Date: 1/27/2021

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW12		
Lab Sample ID:	210346-06	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		1/27/2021 14:48
PCB-1221	< 1.00	ug/L		1/27/2021 14:48
PCB-1232	< 1.00	ug/L		1/27/2021 14:48
PCB-1242	< 1.00	ug/L		1/27/2021 14:48
PCB-1248	< 1.00	ug/L		1/27/2021 14:48
PCB-1254	< 1.00	ug/L		1/27/2021 14:48
PCB-1260	< 1.00	ug/L		1/27/2021 14:48
PCB-1262	< 1.00	ug/L		1/27/2021 14:48
PCB-1268	< 1.00	ug/L		1/27/2021 14:48

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**51.0**	31.6 - 98.5		1/27/2021 14:48

Method Reference(s): EPA 8082A
EPA 3510C

Preparation Date: 1/27/2021

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METALS DATA

No Data Validation Qualifiers Were Added

MKP 3/2/2021

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW1		
Lab Sample ID:	210346-01	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**1.91**	mg/L		1/27/2021 14:30
Antimony	< 0.0600	mg/L		1/27/2021 14:30
Arsenic	**0.00828**	mg/L	J	1/27/2021 14:30
Barium	**0.259**	mg/L		1/27/2021 14:30
Beryllium	< 0.00500	mg/L		1/27/2021 14:30
Cadmium	< 0.00500	mg/L		1/27/2021 14:30
Calcium	**151**	mg/L		1/27/2021 14:30
Chromium	< 0.0100	mg/L		1/27/2021 14:30
Cobalt	< 0.0500	mg/L		1/27/2021 14:30
Copper	< 0.0200	mg/L		1/27/2021 14:30
Iron	**1.23**	mg/L		1/28/2021 15:49
Lead	< 0.0100	mg/L		1/27/2021 14:30
Magnesium	**88.6**	mg/L		1/27/2021 14:30
Manganese	**0.131**	mg/L		1/27/2021 14:30
Nickel	< 0.0400	mg/L		1/27/2021 14:30
Potassium	**26.9**	mg/L		1/27/2021 14:30
Selenium	**0.0201**	mg/L		1/28/2021 15:49
Silver	< 0.0100	mg/L		1/27/2021 14:30
Sodium	**488**	mg/L		1/27/2021 14:30
Thallium	< 0.0250	mg/L		1/27/2021 14:30
Vanadium	< 0.0250	mg/L		1/27/2021 14:30
Zinc	< 0.0600	mg/L		1/27/2021 14:30

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW1		
Lab Sample ID:	210346-01	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		1/28/2021 08:59

Method Reference(s): EPA 7470A
Preparation Date: 1/27/2021
Data File: Hg210128B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW1		
Lab Sample ID:	210346-01A	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dissolved TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	< 0.100	mg/L		2/5/2021 14:33
Antimony	< 0.0600	mg/L		2/5/2021 14:33
Arsenic	**0.00901**	mg/L	J	2/5/2021 14:33
Barium	**0.263**	mg/L		2/5/2021 14:33
Beryllium	< 0.00500	mg/L		2/5/2021 14:33
Cadmium	< 0.00500	mg/L		2/5/2021 14:33
Calcium	**150**	mg/L		2/5/2021 14:33
Chromium	< 0.0100	mg/L		2/5/2021 14:33
Cobalt	< 0.0500	mg/L		2/5/2021 14:33
Copper	< 0.0400	mg/L		2/5/2021 14:33
Iron	< 0.100	mg/L		2/8/2021 13:54
Lead	< 0.0100	mg/L		2/5/2021 14:33
Magnesium	**84.2**	mg/L		2/5/2021 14:33
Manganese	**0.125**	mg/L		2/5/2021 14:33
Nickel	< 0.0400	mg/L		2/5/2021 14:33
Potassium	**25.0**	mg/L		2/5/2021 14:33
Selenium	< 0.0200	mg/L		2/5/2021 14:33
Silver	< 0.0100	mg/L		2/5/2021 14:33
Sodium	**533**	mg/L		2/8/2021 13:59
Thallium	< 0.0250	mg/L		2/5/2021 14:33
Vanadium	< 0.0250	mg/L		2/5/2021 14:33
Zinc	< 0.0600	mg/L		2/5/2021 14:33

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW1		
Lab Sample ID:	210346-01A	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dissolved Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		2/4/2021 11:33

Method Reference(s): EPA 7470A
Preparation Date: 2/3/2021
Data File: Hg210204A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW2		
Lab Sample ID:	210346-02	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**11.7**	mg/L		1/27/2021 14:35
Antimony	< 0.0600	mg/L		1/27/2021 14:35
Arsenic	**0.0105**	mg/L		1/27/2021 14:35
Barium	**0.485**	mg/L		1/27/2021 14:35
Beryllium	< 0.00500	mg/L		1/27/2021 14:35
Cadmium	< 0.00500	mg/L		1/27/2021 14:35
Calcium	**191**	mg/L		1/27/2021 14:35
Chromium	**0.0158**	mg/L		1/27/2021 14:35
Cobalt	< 0.0500	mg/L		1/27/2021 14:35
Copper	< 0.0200	mg/L		1/29/2021 08:51
Iron	**7.87**	mg/L		1/28/2021 15:53
Lead	**0.0207**	mg/L		1/27/2021 14:35
Magnesium	**73.2**	mg/L		1/27/2021 14:35
Manganese	**0.268**	mg/L		1/27/2021 14:35
Nickel	< 0.0400	mg/L		1/27/2021 14:35
Potassium	**27.2**	mg/L		1/27/2021 14:35
Selenium	**0.0123**	mg/L	J	1/28/2021 15:53
Silver	< 0.0100	mg/L		1/27/2021 14:35
Sodium	**287**	mg/L		1/27/2021 14:35
Thallium	< 0.0250	mg/L		1/27/2021 14:35
Vanadium	**0.0174**	mg/L	J	1/27/2021 14:35
Zinc	**0.0394**	mg/L	J	1/27/2021 14:35

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW2		
Lab Sample ID:	210346-02	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		1/28/2021 09:00

Method Reference(s): EPA 7470A
Preparation Date: 1/27/2021
Data File: Hg210128B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW2
Lab Sample ID: 210346-02A **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Dissolved TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	< 0.100	mg/L		2/5/2021 14:37
Antimony	< 0.0600	mg/L		2/5/2021 14:37
Arsenic	**0.00818**	mg/L	J	2/5/2021 14:37
Barium	**0.379**	mg/L		2/5/2021 14:37
Beryllium	< 0.00500	mg/L		2/5/2021 14:37
Cadmium	< 0.00500	mg/L		2/5/2021 14:37
Calcium	**170**	mg/L		2/5/2021 14:37
Chromium	< 0.0100	mg/L		2/5/2021 14:37
Cobalt	< 0.0500	mg/L		2/5/2021 14:37
Copper	< 0.0400	mg/L		2/5/2021 14:37
Iron	< 0.100	mg/L		2/8/2021 14:03
Lead	< 0.0100	mg/L		2/5/2021 14:37
Magnesium	**62.9**	mg/L		2/5/2021 14:37
Manganese	**0.0597**	mg/L		2/5/2021 14:37
Nickel	< 0.0400	mg/L		2/5/2021 14:37
Potassium	**29.4**	mg/L		2/5/2021 14:37
Selenium	< 0.0200	mg/L		2/5/2021 14:37
Silver	< 0.0100	mg/L		2/5/2021 14:37
Sodium	**242**	mg/L		2/5/2021 14:37
Thallium	< 0.0250	mg/L		2/5/2021 14:37
Vanadium	< 0.0250	mg/L		2/5/2021 14:37
Zinc	< 0.0600	mg/L		2/5/2021 14:37

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW2		
Lab Sample ID:	210346-02A	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dissolved Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		2/4/2021 11:35

Method Reference(s): EPA 7470A
Preparation Date: 2/3/2021
Data File: Hg210204A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW3
Lab Sample ID: 210346-03 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**26.9**	mg/L		1/27/2021 14:40
Antimony	< 0.0600	mg/L		1/27/2021 14:40
Arsenic	**0.00920**	mg/L	J	1/28/2021 15:58
Barium	**0.480**	mg/L		1/27/2021 14:40
Beryllium	< 0.00500	mg/L		1/27/2021 14:40
Cadmium	< 0.00500	mg/L		1/27/2021 14:40
Calcium	**182**	mg/L		1/27/2021 14:40
Chromium	**0.0310**	mg/L		1/27/2021 14:40
Cobalt	< 0.0500	mg/L		1/27/2021 14:40
Copper	**0.0199**	mg/L		1/29/2021 08:56
Iron	**23.1**	mg/L		1/28/2021 15:58
Lead	**0.0588**	mg/L		1/27/2021 14:40
Magnesium	**53.2**	mg/L		1/27/2021 14:40
Manganese	**0.615**	mg/L		1/27/2021 14:40
Nickel	**0.0254**	mg/L	J	1/27/2021 14:40
Potassium	**10.6**	mg/L		1/27/2021 14:40
Selenium	**0.0132**	mg/L	J	1/28/2021 15:58
Silver	< 0.0100	mg/L		1/27/2021 14:40
Sodium	**27.1**	mg/L		1/27/2021 14:40
Thallium	< 0.0250	mg/L		1/27/2021 14:40
Vanadium	**0.0366**	mg/L		1/27/2021 14:40
Zinc	**0.166**	mg/L		1/27/2021 14:40

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW3		
Lab Sample ID:	210346-03	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.000279**	mg/L		1/28/2021 09:02

Method Reference(s): EPA 7470A
Preparation Date: 1/27/2021
Data File: Hg210128B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW3
Lab Sample ID: 210346-03A **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Dissolved TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	< 0.100	mg/L		2/5/2021 14:42
Antimony	< 0.0600	mg/L		2/5/2021 14:42
Arsenic	< 0.0100	mg/L		2/5/2021 14:42
Barium	**0.231**	mg/L		2/5/2021 14:42
Beryllium	< 0.00500	mg/L		2/5/2021 14:42
Cadmium	< 0.00500	mg/L		2/5/2021 14:42
Calcium	**115**	mg/L		2/5/2021 14:42
Chromium	< 0.0100	mg/L		2/5/2021 14:42
Cobalt	< 0.0500	mg/L		2/5/2021 14:42
Copper	< 0.0400	mg/L		2/5/2021 14:42
Iron	< 0.100	mg/L		2/8/2021 14:17
Lead	< 0.0100	mg/L		2/5/2021 14:42
Magnesium	**30.4**	mg/L		2/5/2021 14:42
Manganese	**0.0683**	mg/L		2/5/2021 14:42
Nickel	< 0.0400	mg/L		2/5/2021 14:42
Potassium	**5.17**	mg/L		2/5/2021 14:42
Selenium	< 0.0200	mg/L		2/5/2021 14:42
Silver	< 0.0100	mg/L		2/5/2021 14:42
Sodium	**23.4**	mg/L		2/5/2021 14:42
Thallium	< 0.0250	mg/L		2/5/2021 14:42
Vanadium	< 0.0250	mg/L		2/5/2021 14:42
Zinc	< 0.0600	mg/L		2/5/2021 14:42

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW3		
Lab Sample ID:	210346-03A	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dissolved Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		2/4/2021 11:42

Method Reference(s): EPA 7470A
Preparation Date: 2/3/2021
Data File: Hg210204A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW4
Lab Sample ID: 210346-04 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**1.47**	mg/L		1/27/2021 14:44
Antimony	< 0.0600	mg/L		1/27/2021 14:44
Arsenic	< 0.0100	mg/L		1/27/2021 14:44
Barium	**0.234**	mg/L		1/27/2021 14:44
Beryllium	< 0.00500	mg/L		1/27/2021 14:44
Cadmium	< 0.00500	mg/L		1/27/2021 14:44
Calcium	**144**	mg/L		1/27/2021 14:44
Chromium	< 0.0100	mg/L		1/27/2021 14:44
Cobalt	< 0.0500	mg/L		1/27/2021 14:44
Copper	< 0.0200	mg/L		1/27/2021 14:44
Iron	**1.66**	mg/L		1/28/2021 16:03
Lead	< 0.0100	mg/L		1/27/2021 14:44
Magnesium	**47.8**	mg/L		1/27/2021 14:44
Manganese	**0.141**	mg/L		1/27/2021 14:44
Nickel	< 0.0400	mg/L		1/27/2021 14:44
Potassium	**8.17**	mg/L		1/27/2021 14:44
Selenium	**0.0130**	mg/L	J	1/28/2021 16:03
Silver	< 0.0100	mg/L		1/27/2021 14:44
Sodium	**85.7**	mg/L		1/27/2021 14:44
Thallium	< 0.0250	mg/L		1/27/2021 14:44
Vanadium	< 0.0250	mg/L		1/27/2021 14:44
Zinc	< 0.0600	mg/L		1/27/2021 14:44

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW4		
Lab Sample ID:	210346-04	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		1/28/2021 09:03

Method Reference(s): EPA 7470A
Preparation Date: 1/27/2021
Data File: Hg210128B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW4
Lab Sample ID: 210346-04A **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Dissolved TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	< 0.100	mg/L		2/5/2021 15:15
Antimony	< 0.0600	mg/L		2/5/2021 15:15
Arsenic	< 0.0100	mg/L		2/5/2021 15:15
Barium	**0.219**	mg/L		2/5/2021 15:15
Beryllium	< 0.00500	mg/L		2/5/2021 15:15
Cadmium	< 0.00500	mg/L		2/5/2021 15:15
Calcium	**123**	mg/L		2/5/2021 15:15
Chromium	< 0.0100	mg/L		2/5/2021 15:15
Cobalt	< 0.0500	mg/L		2/5/2021 15:15
Copper	< 0.0400	mg/L		2/5/2021 15:15
Iron	< 0.100	mg/L		2/8/2021 14:39
Lead	< 0.0100	mg/L		2/5/2021 15:15
Magnesium	**41.8**	mg/L		2/5/2021 15:15
Manganese	**0.0673**	mg/L		2/5/2021 15:15
Nickel	< 0.0400	mg/L		2/5/2021 15:15
Potassium	**7.62**	mg/L		2/5/2021 15:15
Selenium	< 0.0200	mg/L		2/5/2021 15:15
Silver	< 0.0100	mg/L		2/5/2021 15:15
Sodium	**87.8**	mg/L		2/5/2021 15:15
Thallium	< 0.0250	mg/L		2/5/2021 15:15
Vanadium	< 0.0250	mg/L		2/5/2021 15:15
Zinc	< 0.0600	mg/L		2/5/2021 15:15

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW4		
Lab Sample ID:	210346-04A	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dissolved Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		2/4/2021 11:48

Method Reference(s): EPA 7470A
Preparation Date: 2/3/2021
Data File: Hg210204A

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**0.146**	mg/L		1/27/2021 14:49
Antimony	< 0.0600	mg/L		1/27/2021 14:49
Arsenic	< 0.0100	mg/L		1/27/2021 14:49
Barium	**0.207**	mg/L		1/27/2021 14:49
Beryllium	< 0.00500	mg/L		1/27/2021 14:49
Cadmium	< 0.00500	mg/L		1/27/2021 14:49
Calcium	**154**	mg/L		1/27/2021 14:49
Chromium	< 0.0100	mg/L		1/27/2021 14:49
Cobalt	< 0.0500	mg/L		1/27/2021 14:49
Copper	< 0.0200	mg/L		1/27/2021 14:49
Iron	**0.161**	mg/L		1/28/2021 16:07
Lead	**0.00814**	mg/L	J	1/27/2021 14:49
Magnesium	**32.9**	mg/L		1/27/2021 14:49
Manganese	**0.0735**	mg/L		1/27/2021 14:49
Nickel	< 0.0400	mg/L		1/27/2021 14:49
Potassium	**7.19**	mg/L		1/27/2021 14:49
Selenium	< 0.0200	mg/L		1/28/2021 16:07
Silver	< 0.0100	mg/L		1/27/2021 14:49
Sodium	**48.3**	mg/L		1/27/2021 14:49
Thallium	< 0.0250	mg/L		1/27/2021 14:49
Vanadium	< 0.0250	mg/L		1/27/2021 14:49
Zinc	< 0.0600	mg/L		1/27/2021 14:49

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		1/28/2021 09:08

Method Reference(s): EPA 7470A
Preparation Date: 1/27/2021
Data File: Hg210128B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW5
Lab Sample ID: 210346-05A **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Dissolved TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	< 0.100	mg/L		2/5/2021 15:19
Antimony	< 0.0600	mg/L		2/5/2021 15:19
Arsenic	< 0.0100	mg/L		2/5/2021 15:19
Barium	**0.216**	mg/L		2/5/2021 15:19
Beryllium	< 0.00500	mg/L		2/5/2021 15:19
Cadmium	< 0.00500	mg/L		2/5/2021 15:19
Calcium	**144**	mg/L		2/5/2021 15:19
Chromium	< 0.0100	mg/L		2/5/2021 15:19
Cobalt	< 0.0500	mg/L		2/5/2021 15:19
Copper	< 0.0400	mg/L		2/5/2021 15:19
Iron	< 0.100	mg/L		2/8/2021 14:44
Lead	< 0.0100	mg/L		2/5/2021 15:19
Magnesium	**31.3**	mg/L		2/5/2021 15:19
Manganese	**0.0430**	mg/L		2/5/2021 15:19
Nickel	< 0.0400	mg/L		2/5/2021 15:19
Potassium	**8.06**	mg/L		2/5/2021 15:19
Selenium	< 0.0200	mg/L		2/5/2021 15:19
Silver	< 0.0100	mg/L		2/5/2021 15:19
Sodium	**58.7**	mg/L		2/5/2021 15:19
Thallium	< 0.0250	mg/L		2/5/2021 15:19
Vanadium	< 0.0250	mg/L		2/5/2021 15:19
Zinc	< 0.0600	mg/L		2/5/2021 15:19

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW5		
Lab Sample ID:	210346-05A	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dissolved Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		2/4/2021 11:50

Method Reference(s): EPA 7470A
Preparation Date: 2/3/2021
Data File: Hg210204A

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW12
Lab Sample ID: 210346-06 **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**10.1**	mg/L		1/27/2021 14:53
Antimony	< 0.0600	mg/L		1/27/2021 14:53
Arsenic	**0.00969**	mg/L	J	1/27/2021 14:53
Barium	**0.480**	mg/L		1/27/2021 14:53
Beryllium	< 0.00500	mg/L		1/27/2021 14:53
Cadmium	< 0.00500	mg/L		1/27/2021 14:53
Calcium	**195**	mg/L		1/27/2021 14:53
Chromium	**0.0139**	mg/L		1/27/2021 14:53
Cobalt	< 0.0500	mg/L		1/27/2021 14:53
Copper	< 0.0200	mg/L		1/29/2021 09:01
Iron	**7.07**	mg/L		1/28/2021 16:12
Lead	**0.0171**	mg/L		1/27/2021 14:53
Magnesium	**76.4**	mg/L		1/27/2021 14:53
Manganese	**0.267**	mg/L		1/27/2021 14:53
Nickel	< 0.0400	mg/L		1/27/2021 14:53
Potassium	**25.3**	mg/L		1/27/2021 14:53
Selenium	**0.0135**	mg/L	J	1/28/2021 16:12
Silver	< 0.0100	mg/L		1/27/2021 14:53
Sodium	**308**	mg/L		1/27/2021 14:53
Thallium	< 0.0250	mg/L		1/27/2021 14:53
Vanadium	**0.0158**	mg/L	J	1/27/2021 14:53
Zinc	**0.0375**	mg/L	J	1/27/2021 14:53

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW12		
Lab Sample ID:	210346-06	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		1/28/2021 09:09

Method Reference(s): EPA 7470A
Preparation Date: 1/27/2021
Data File: Hg210128B

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier: MW12
Lab Sample ID: 210346-06A **Date Sampled:** 1/22/2021
Matrix: Groundwater **Date Received:** 1/25/2021

Dissolved TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	< 0.100	mg/L		2/5/2021 15:24
Antimony	< 0.0600	mg/L		2/5/2021 15:24
Arsenic	< 0.0100	mg/L		2/5/2021 15:24
Barium	**0.372**	mg/L		2/5/2021 15:24
Beryllium	< 0.00500	mg/L		2/5/2021 15:24
Cadmium	< 0.00500	mg/L		2/5/2021 15:24
Calcium	**168**	mg/L		2/5/2021 15:24
Chromium	< 0.0100	mg/L		2/5/2021 15:24
Cobalt	< 0.0500	mg/L		2/5/2021 15:24
Copper	< 0.0400	mg/L		2/5/2021 15:24
Iron	< 0.100	mg/L		2/8/2021 14:58
Lead	< 0.0100	mg/L		2/5/2021 15:24
Magnesium	**63.3**	mg/L		2/5/2021 15:24
Manganese	**0.0664**	mg/L		2/5/2021 15:24
Nickel	< 0.0400	mg/L		2/5/2021 15:24
Potassium	**25.5**	mg/L		2/5/2021 15:24
Selenium	< 0.0200	mg/L		2/5/2021 15:24
Silver	< 0.0100	mg/L		2/5/2021 15:24
Sodium	**268**	mg/L	E	2/5/2021 15:24
Thallium	< 0.0250	mg/L		2/5/2021 15:24
Vanadium	< 0.0250	mg/L		2/5/2021 15:24
Zinc	< 0.0600	mg/L		2/5/2021 15:24

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210346

Client: **BE3**

Project Reference: Pilgrim Village Family

Sample Identifier:	MW12		
Lab Sample ID:	210346-06A	**Date Sampled:**	1/22/2021
Matrix:	Groundwater	**Date Received:**	1/25/2021

Dissolved Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		2/4/2021 11:53

Method Reference(s): EPA 7470A
Preparation Date: 2/3/2021
Data File: Hg210204A

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www.alphalab.com

Alpha Analytical

Laboratory Code: 11148

SDG Number: L2103741

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Project Name: PILGRIM VILLAGE FAMILY
Project Number: Not Specified

Lab Number: L2103741
Report Date: 01/29/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2103741-01	MW1	WATER	Not Specified	01/22/21 11:35	01/22/21
L2103741-02	MW2	WATER	Not Specified	01/22/21 12:00	01/22/21
L2103741-03	MW3	WATER	Not Specified	01/22/21 12:30	01/22/21
L2103741-04	MW4	WATER	Not Specified	01/22/21 13:00	01/22/21
L2103741-05	MW5	WATER	Not Specified	01/22/21 13:25	01/22/21
L2103741-06	MW12	WATER	Not Specified	01/22/21 12:15	01/22/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

Perfluorinated Alkyl Acids by Isotope Dilution

L2103741-04: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogate (Extracted Internal Standard) M8FOSA.

WG1458197-4: The reporting limit was elevated for Perfluorooctanesulfonamide (FOSA) due to low recovery of the extracted internal standard Perfluoro[13C8]Octanesulfonamide (M8FOSA). The low recovery was attributed to the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Report Date: 01/29/21

Title: Technical Director/Representative

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-9288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/23/21

ALPHA Job #: L2103741

Project Information
Project Name: Pilgrim Village Family
Project Location:
Project #
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: ~~Paradigm~~ Paradigm
Address:
Phone:
Fax:
Email:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCLP Herb	PFAS	Total Bottle	Sample Specific Comments
03741 -01	MW1	1/22/21	1135	WG	JT	X			
-02	MW2		1200			X	X		Category B and NYSDEC EDD required
-03	MW3		1230			X			
-04	MW4		1300			X	X		
-05	MW5		1325			X	X		
-06	MW12		1215			X			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Brian Zack	1/22/21 1700		1/22/21 1700
	1/22/21 1700		1/23/21 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

PFAAs

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	Lab Number	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	Project Number	:
Lab ID	: L2103741-02	Date Collected	: 01/22/21 12:00
Client ID	: MW2	Date Received	: 01/22/21
Sample Location	:	Date Analyzed	: 01/26/21 03:34
Sample Matrix	: WATER	Date Extracted	: 01/25/21
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I31515	Analyst	: HT
Sample Amount	: 286 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	2.97	1.75	0.357	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.90	1.75	0.346	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.416	1.75	0.208	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	~~1.82~~ 1.82 U	1.75	0.287	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.629	1.75	0.197	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.75	0.329	U
335-67-1	Perfluorooctanoic Acid (PFOA)	1.69	1.75	0.206	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.75	1.16	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.601	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.336	1.75	0.273	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.528	1.75	0.440	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.75	0.266	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	1.06	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.566	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.227	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.857	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.507	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.703	U

MKP 3/2/2021

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-02	**Date Collected**	: 01/22/21 12:00
Client ID	: MW2	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/26/21 03:34
Sample Matrix	: WATER	**Date Extracted**	: 01/25/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I31515	**Analyst**	: HT
Sample Amount	: 286 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.325	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.286	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.217	U
NONE	PFOA/PFOS, Total	2.22	1.75	0.206	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	Lab Number	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	Project Number	:
Lab ID	: L2103741-04	Date Collected	: 01/22/21 13:00
Client ID	: MW4	Date Received	: 01/22/21
Sample Location	:	Date Analyzed	: 01/26/21 03:50
Sample Matrix	: WATER	Date Extracted	: 01/25/21
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I31516	Analyst	: HT
Sample Amount	: 246 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	3.76	2.03	0.415	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.28	2.03	0.402	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.256	2.03	0.242	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	~~1.27~~ 2.03 U	2.03	0.333	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.398	2.03	0.229	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.03	0.382	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.902	2.03	0.240	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.03	1.35	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.03	0.699	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.03	0.317	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.03	0.512	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.03	0.309	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.03	1.23	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.03	0.658	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.03	0.264	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.03	0.996	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.03	0.817	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.03	0.378	U

MKP 3/2/2021

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-04	**Date Collected**	: 01/22/21 13:00
Client ID	: MW4	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/26/21 03:50
Sample Matrix	: WATER	**Date Extracted**	: 01/25/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I31516	**Analyst**	: HT
Sample Amount	: 246 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.03	0.332	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.03	0.252	U
NONE	PFOA/PFOS, Total	0.902	2.03	0.240	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-04	**Date Collected**	: 01/22/21 13:00
Client ID	: MW4	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/27/21 10:36
Sample Matrix	: WATER	**Date Extracted**	: 01/25/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: M01220	**Analyst**	: SG
Sample Amount	: 246 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.03	0.589	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	Lab Number	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	Project Number	:
Lab ID	: L2103741-05	Date Collected	: 01/22/21 13:25
Client ID	: MW5	Date Received	: 01/22/21
Sample Location	:	Date Analyzed	: 01/26/21 04:23
Sample Matrix	: WATER	Date Extracted	: 01/25/21
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I31518	Analyst	: HT
Sample Amount	: 270 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	3.16	1.85	0.378	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	2.30	1.85	0.367	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.874	1.85	0.220	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	~~1.98~~ 1.98 U	1.85	0.304	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.904	1.85	0.208	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.85	0.348	U
335-67-1	Perfluorooctanoic Acid (PFOA)	2.06	1.85	0.218	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.85	1.23	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.85	0.637	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.385	1.85	0.289	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.563	1.85	0.467	J
335-76-2	Perfluorodecanoic Acid (PFDA)	0.470	1.85	0.281	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.85	1.12	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	1.84	1.85	0.600	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.533	1.85	0.241	JF
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.85	0.907	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.85	0.537	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.85	0.744	U

MKP 3/2/2021

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-05	**Date Collected**	: 01/22/21 13:25
Client ID	: MW5	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/26/21 04:23
Sample Matrix	: WATER	**Date Extracted**	: 01/25/21
Analytical Method	: 134,LCMSMS-ID	**Dilution Factor**	: 1
Lab File ID	: I31518	**Analyst**	: HT
Sample Amount	: 270 g	**Instrument ID**	: LCMS01
Extraction Method	: ALPHA 23528	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.85	0.344	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	0.392	1.85	0.303	J
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.85	0.230	U
NONE	PFOA/PFOS, Total	2.62	1.85	0.218	J

Herbicide Sample Data

No Data Validation Qualifiers Were Added

MKP 3/2/2021

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-01	**Date Collected**	: 01/22/21 11:35
Client ID	: MW1	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/29/21 01:01
Sample Matrix	: WATER	**Date Extracted**	: 01/27/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210128b-26	**Analyst**	: EJL
Sample Amount	: 1000 ml	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-02	**Date Collected**	: 01/22/21 12:00
Client ID	: MW2	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/29/21 01:38
Sample Matrix	: WATER	**Date Extracted**	: 01/27/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210128b-28	**Analyst**	: EJL
Sample Amount	: 1000 ml	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-03	**Date Collected**	: 01/22/21 12:30
Client ID	: MW3	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/29/21 01:56
Sample Matrix	: WATER	**Date Extracted**	: 01/27/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210128b-29	**Analyst**	: EJL
Sample Amount	: 1000 ml	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-04	**Date Collected**	: 01/22/21 13:00
Client ID	: MW4	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/29/21 02:14
Sample Matrix	: WATER	**Date Extracted**	: 01/27/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210128b-30	**Analyst**	: EJL
Sample Amount	: 1000 ml	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-05	**Date Collected**	: 01/22/21 13:25
Client ID	: MW5	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/29/21 02:32
Sample Matrix	: WATER	**Date Extracted**	: 01/27/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210128b-31	**Analyst**	: EJL
Sample Amount	: 1000 ml	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: Paradigm Environmental Services	**Lab Number**	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	**Project Number**	:
Lab ID	: L2103741-06	**Date Collected**	: 01/22/21 12:15
Client ID	: MW12	**Date Received**	: 01/22/21
Sample Location	:	**Date Analyzed**	: 01/29/21 10:45
Sample Matrix	: WATER	**Date Extracted**	: 01/28/21
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 17210129a-07	**Analyst**	: EJL
Sample Amount	: 1000 ml	**Instrument ID**	: PEST17
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 10000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U

Appendix B

Laboratory QC Documentation

Evaluate Continuing Calibration Report

Data File: C:\msdchem\1\DATA\210128\x76171.D
DataAcq Meth:8260RUN.M
Acq On : 28 Jan 2021 11:37 am Operator: Bill Brew
Sample : 50ppb mega CC Inst : Instrument #1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 28 14:32:16 2021
Quant Method : C:\msdchem\1\METHODS\210127.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Jan 28 09:58:04 2021
Response via : Initial Calibration
Integrator: RTE

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

1/28/21 BB

		Compound	Amount	Calc.		%Dev	Area%	Dev(min)	
1	I	Fluorobenzene	50.000	50.000		0.0	86	0.00	
2	P	Dichlorodifluoromethane	50.000	57.099		-14.2	110	0.00	
3	P	Chloromethane	50.000	58.572		-17.1	110	0.00	
4	P	Vinyl chloride	50.000	55.786		-11.6	106	0.00	
5	P	Bromomethane	50.000	61.032	T	-22.1#	116	0.00	ok if ND
6	P	Chloroethane	50.000	57.171		-14.3	114	0.00	
7	P	Trichlorofluoromethane	50.000	59.184		-18.4	118	0.00	
8		Ethyl ether	50.000	51.913		-3.8	100	0.00	
9	P	Freon 113	50.000	59.421		-18.8	119	0.00	
10	P	1,1-Dichloroethene	50.000	58.602		-17.2	115	0.00	
11	P	Acetone	50.000	54.925		-9.8	101	0.00	
12		Isopropyl Alcohol	500.000	0.000		100.0#	0	0.05	
13	P	Carbon disulfide	50.000	62.479	T	-25.0#	116	0.00	ok if ND <40
14	P	Methyl acetate	50.000	52.540		-5.1	102	0.00	
15	P	Methylene chloride	50.000	58.147		-16.3	113	0.00	
16		Acrylonitrile	50.000	50.464		-0.9	111	0.00	
17		tert-Butyl Alcohol	500.000	500.138		-0.0	104	0.00	
18	P	Methyl tert-butyl Ether	50.000	50.548		-1.1	104	0.00	
19	P	trans-1,2-Dichloroethene	50.000	58.623		-17.2	117	0.00	
20	P	1,1-Dichloroethane	50.000	57.728		-15.5	111	0.00	
21		Vinyl acetate	50.000	49.368		1.3	94	0.00	
22		2,2-Dichloropropane	50.000	65.057	T	-30.1#	123	0.00	NT
23	P	2-Butanone	50.000	58.163		-16.3	107	0.00	
24	P	cis-1,2-Dichloroethene	50.000	55.739		-11.5	105	0.00	
25		Bromochloromethane	50.000	56.358		-12.7	108	0.00	
26	P	Chloroform	50.000	58.340		-16.7	111	0.00	
27	S	Pentafluorobenzene	30.000	30.745		-2.5	87	0.00	
28		Tetrahydrofuran	100.000	86.511		13.5	84	0.00	
29	P	1,1,1-Trichloroethane	50.000	63.465	T	-26.9#	116	0.00	ok if ND
30	P	Cyclohexane	50.000	67.096	T	-34.2#	113	0.00	↓
31	S	1,2-Dichloroethane-d4	30.000	31.616		-5.4	92	0.00	
32	P	Carbon Tetrachloride	50.000	63.580	T	-27.2#	115	0.00	ok if ND
33	P	Benzene	50.000	59.025		-18.0	108	0.00	
34	P	1,2-Dichloroethane	50.000	55.215		-10.4	111	0.00	
35	P	Trichloroethene	50.000	55.329		-10.7	104	0.00	
36		tert-Butyl Acetate	50.000	0.000		100.0#	0	0.09	
37	P	Methylcyclohexane	50.000	56.361		-12.7	108	0.00	
38		1,4-Dioxane	50.000	54.495		-9.0	97	0.00	
39	UN	Ethyl acetate	-1.000	0.000		0.0	0	0.00	
40	P	1,2-Dichloropropane	50.000	57.367		-14.7	110	0.00	
41	UN	Isobutyl alcohol	-1.000	0.000		0.0	0	0.00	
42		Dibromomethane	50.000	55.318		-10.6	108	0.00	
43	P	Bromodichloromethane	50.000	57.777		-15.6	109	0.00	
44		2-Chloroethyl vinyl Ether	50.000	33.097		33.8#	65	0.00	NT
45	UN	Isopropyl acetate	-1.000	0.000		0.0	0	0.00	
46		1,1-Dichloropropene	50.000	62.667	T	-25.3#	111	0.00	ok if NP NT
47	P	cis-1,3-Dichloropropene	50.000	46.472		7.1	95	0.00	

Evaluate Continuing Calibration Report

Data File: C:\msdchem\1\DATA\210128\x76171.D
DataAcq Meth:8260RUN.M
Acq On : 28 Jan 2021 11:37 am Operator: Bill Brew
Sample : 50ppb mega CC Inst : Instrument #1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 28 14:32:16 2021
Quant Method : C:\msdchem\1\METHODS\210127.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Jan 28 09:58:04 2021
Response via : Initial Calibration
Integrator: RTE

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.		%Dev	Area%	Dev(min)	
48	P	4-Methyl-2-pentanone	50.000	43.258		13.5	88	0.00	
49	S	Toluene-D8	30.000	31.897		-6.3	85	0.00	
50	P	Toluene	50.000	58.527		-17.1	99	0.00	
51	P	trans-1,3-Dichloropropene	50.000	46.506		7.0	97	0.00	
52	P	1,1,2-Trichloroethane	50.000	53.896		-7.8	106	0.00	
53		1,3-Dichloropropane	50.000	55.481		-11.0	102	0.00	
54	P	Tetrachloroethene	50.000	55.697		-11.4	103	0.00	
55	P	2-Hexanone	50.000	49.940		0.1	101	0.00	
56	P	Dibromochloromethane	50.000	54.711		-9.4	102	0.00	
57	P	1,2-Dibromoethane	50.000	53.613		-7.2	102	0.00	
58	I	Chlorobenzene-d5	50.000	50.000		0.0	86	0.00	
59	P	Chlorobenzene	50.000	55.547		-11.1	103	0.00	
60		1,1,1,2-Tetrachloroethane	50.000	56.165		-12.3	107	0.00	
61	P	Ethylbenzene	50.000	57.028		-14.1	109	0.00	
62	P	m,p-Xylene	100.000	115.355		-15.4	112	0.00	
63	P	o-Xylene	50.000	54.292		-8.6	107	0.00	
64	P	Styrene	50.000	57.141		-14.3	109	0.00	
65	P	Bromoform	50.000	52.008		-4.0	107	0.00	
66	P	Isopropylbenzene	50.000	55.791		-11.6	108	0.00	
67		1,2,3-Trichloropropane	50.000	53.999		-8.0	105	0.00	
68	S	4-Bromofluorobenzene	30.000	31.814		-6.0	88	0.00	
69		Bromobenzene	50.000	58.237		-16.5	104	0.00	
70	P	1,1,2,2-Tetrachloroethane	50.000	53.230		-6.5	105	0.00	
71		n-Propylbenzene	50.000	58.983		-18.0	111	0.00	
72		2-Chlorotoluene	50.000	63.307	↑	-26.6#	109	0.00	NT
73		4-Chlorotoluene	50.000	63.867	↑	-27.7#	112	0.00	↓
74		1,3,5-Trimethylbenzene	50.000	57.528		-15.1	110	0.00	
75		tert-Butylbenzene	50.000	56.361		-12.7	110	0.00	
76		1,2,4-Trimethylbenzene	50.000	57.942		-15.9	111	0.00	
77		sec-Butylbenzene	50.000	58.258		-16.5	110	0.00	
78		p-Isopropyltoluene	50.000	57.977		-16.0	111	0.00	
79	I	1,4-Dichlorobenzene-d4	50.000	50.000		0.0	73	0.00	
80	P	1,3-Dichlorobenzene	50.000	73.319	↑	-46.6#	111	0.00	ok, if ND
81	P	1,4-Dichlorobenzene	50.000	70.142	↑	-40.3#	110	0.00	↓
82		n-Butylbenzene	50.000	70.120	↑	-40.2#	109	0.00	
83	P	1,2-Dichlorobenzene	50.000	73.642	↑	-47.3#	111	0.00	
84	UN	Tetraethyllead	-1.000	0.000		0.0	0	0.00	
85	P	1,2-Dibromo-3-Chloropropane	50.000	56.567		-13.1	92	0.00	
86	P	1,2,4-Trichlorobenzene	50.000	51.573		-3.1	90	0.00	
87		1,2,3-Trichlorobenzene	50.000	58.478		-17.0	96	0.00	
88		Hexachlorobutadiene	50.000	72.085	↑	-44.2#	109	0.00	NT
89		Naphthalene	50.000	47.106		5.8	81	0.00	

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report SVOA7890A

Method Path : C:\msdchem\1\methods\
Method File : ABN210126.M
Title :
Last Update : Wed Jan 27 08:08:37 2021
Response Via : Initial Calibration

Amm 1-27-21

Calibration Files
2 =B51889.D 3 =B51890.D 4 =B51891.D 5 =B51892.D 6 =B51893.D 7 =B51894.D 8 =B51895.D 9 =B51896.D

		Compound	2	3	4	5	6	7	8	9	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		Pyridine	1.377	1.586	1.407	1.367	1.117	1.165	1.199	1.338	1.320	11.59
3)	P	Benzaldehyde	0.952	0.883	0.719						0.851	14.06
4)		Benzyl alcohol	0.579	0.642	0.686	0.776	0.790	0.806	0.796	0.833	0.739	12.37
5)	P	Bis (2-chloroe...	1.213	1.165	1.152	1.121	1.219	1.228	1.237	1.210	1.193	3.49
6)		Bis (2-chloroi...	1.217	1.203	1.181	1.253	1.239	1.224	1.197	1.242	1.220	2.05
7)	PM	2-Chlorophenol	1.314	1.314	1.304	1.376	1.388	1.420	1.391	1.430	1.367	3.66
8)		1,3-Dichlorobe...	1.461	1.444	1.417	1.486	1.488	1.505	1.486	1.511	1.475	2.17
9)	M	1,4-Dichlorobe...	1.543	1.543	1.472	1.573	1.540	1.551	1.505	1.564	1.536	2.14
10)		1,2-Dichlorobe...	1.409	1.406	1.355	1.446	1.435	1.431	1.399	1.437	1.415	2.08
11)	S	2-Fluorophenol	1.241	1.264	1.185	1.142	1.135	1.156	1.170	1.196	1.186	3.89
12)	P	Hexachloroethane	0.510	0.548	0.540	0.593	0.569	0.572	0.550	0.564	0.556	4.47
13)	P	2-Methylphenol	1.115	1.145	1.147	1.239	1.191	1.191	1.160	1.213	1.175	3.45
14)	P	3&4-Methylphenol	1.148	1.249	1.205	1.361	1.316	1.331	1.282	1.311	1.275	5.56
15)		N-Nitrosodimet...	0.837	0.876	0.858	0.766	0.734	0.721	0.714	0.740	0.781	8.43
16)	PM	N-Nitroso-di-n...	0.804	0.798	0.814	0.884	0.863	0.872	0.839	0.870	0.843	4.03
17)	PM	Phenol	1.578	1.562	1.493	1.573	1.572	1.626	1.631	1.692	1.591	3.70
18)	S	Phenol-d5	1.469	1.506	1.468	1.509	1.522	1.582	1.580	1.623	1.532	3.69
19)	P	Acetophenone	1.732	1.728	1.698	1.874	1.830	1.822	1.762	1.820	1.783	3.46
20)	P	2-Nitrophenol	0.650	0.691	0.712	0.818	0.780	0.783	0.767	0.790	0.749	7.71
21)	P	Bis (2-chloroe...	1.341	1.393	1.361	1.543	1.468	1.446	1.420	1.480	1.432	4.67
22)	I	Napthalene-d8	----------ISTD----------									
23)		Aniline	0.473	0.458	0.433	0.391	0.383	0.397	0.378	0.487	0.425	10.21
24)		Benzoic acid	0.104	0.136	0.163	0.195	0.205	0.207	0.216	0.219	0.181	23.14
25)	P	4-Chloroaniline	0.408	0.419	0.413	0.427	0.424	0.417	0.413	0.436	0.420	2.11
26)	PM	4-Chloro-3-met...	0.264	0.278	0.273	0.295	0.290	0.294	0.295	0.298	0.286	4.40
27)	PM	2,4-Dichloroph...	0.267	0.272	0.270	0.281	0.284	0.281	0.289	0.290	0.279	3.10
28)	M	2,6-Dichloroph...	0.258	0.257	0.258	0.275	0.271	0.267	0.274	0.273	0.267	2.90
29)	PM	2,4-Dimethylph...	0.287	0.306	0.309	0.317	0.325	0.328	0.325	0.316	0.314	4.32
30)	P	Hexachlorobuta...	0.165	0.160	0.162	0.166	0.163	0.162	0.161	0.164	0.163	1.17
31)	P	Isophorone	0.582	0.580	0.572	0.586	0.598	0.598	0.603	0.603	0.590	2.01
32)	P	2-Methylnaptha...	0.577	0.576	0.566	0.603	0.602	0.596	0.610	0.615	0.593	3.02
33)	P	Naphthalene	1.004	1.008	0.980	1.030	1.023	1.016	1.032	1.049	1.018	2.05
34)	P	Nitrobenzene	0.320	0.324	0.313	0.324	0.324	0.324	0.332	0.331	0.324	1.86
35)	S	Nitrobenzene-d5	0.311	0.326	0.323	0.328	0.335	0.344	0.344	0.347	0.332	3.77
36)		Azobenzene	0.622	0.651	0.662	0.802	0.761	0.760	0.757	0.765	0.723	9.26
37)	M	1,2,4-Trichlor...	0.306	0.304	0.304	0.314	0.313	0.313	0.317	0.323	0.312	2.11

3 pt. ICAL

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\210126\
Data File : B51919.D
Acq On : 26 Jan 2021 9:49 pm
Operator : A. Monfette
Sample : CCV 50PPM 8270 + PyrMulti
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 27 08:13:33 2021
Quant Method : C:\msdchem\1\methods\ABN210126.M
Quant Title :
QLast Update : Wed Jan 27 08:08:37 2021
Response via : Initial Calibration

Amm 1-27-21

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	102	0.00
2		Pyridine	50.000	48.735	2.5	96	0.00
3	P	Benzaldehyde	50.000	27.967	44.1#	0	0.00
4		Benzyl alcohol	50.000	57.422	-14.8	112	0.00
5	P	Bis (2-chloroethyl) ether	50.000	48.269	3.5	105	0.00
6		Bis (2-chloroisopropyl) eth	50.000	51.675	-3.3	103	0.00
7	PM	2-Chlorophenol	50.000	49.695	0.6	101	0.00
8		1,3-Dichlorobenzene	50.000	49.712	0.6	101	0.00
9	M	1,4-Dichlorobenzene	50.000	50.948	-1.9	102	0.00
10		1,2-Dichlorobenzene	50.000	51.205	-2.4	103	0.00
11	S	2-Fluorophenol	100.000	93.601	6.4	100	0.00
12	P	Hexachloroethane	50.000	52.633	-5.3	101	0.00
13	P	2-Methylphenol	50.000	52.660	-5.3	102	0.00
14	P	3&4-Methylphenol	50.000	53.088	-6.2	102	0.00
15		N-Nitrosodimethylamine	50.000	48.991	2.0	102	0.00
16	PM	N-Nitroso-di-n-propylamine	50.000	51.658	-3.3	101	0.00
17	PM	Phenol	50.000	49.105	1.8	102	0.00
18	S	Phenol-d5	100.000	97.367	2.6	101	0.00
19	P	Acetophenone	50.000	51.946	-3.9	101	0.00
20	P	2-Nitrophenol	50.000	53.877	-7.8	101	0.00
21	P	Bis (2-chloroethoxy) methan	50.000	53.367	-6.7	101	0.00
22	I	Napthalene-d8	40.000	40.000	0.0	101	0.00
23		Aniline	50.000	45.370	9.3	99	0.00
24		Benzoic acid	50.000	48.369	3.3	99	0.00
25	P	4-Chloroaniline	50.000	51.083	-2.2	101	0.00
26	PM	4-Chloro-3-methylphenol	50.000	51.564	-3.1	101	0.00
27	PM	2,4-Dichlorophenol	50.000	51.197	-2.4	103	0.00
28	M	2,6-Dichlorophenol	50.000	51.885	-3.8	101	0.00
29	PM	2,4-Dimethylphenol	50.000	51.396	-2.8	103	0.00
30	P	Hexachlorobutadiene	50.000	51.317	-2.6	101	0.00
31	P	Isophorone	50.000	49.400	1.2	100	0.00
32	P	2-Methylnapthalene	50.000	51.067	-2.1	101	0.00
33	P	Naphthalene	50.000	50.566	-1.1	101	0.00
34	P	Nitrobenzene	50.000	49.101	1.8	99	0.00
35	S	Nitrobenzene-d5	50.000	50.277	-0.6	103	0.00
36		Azobenzene	50.000	54.745	-9.5	99	0.00
37	M	1,2,4-Trichlorobenzene	50.000	51.070	-2.1	102	0.00
38	P	Caprolactam	50.000	51.408	-2.8	100	0.00
39	P	1,2,4,5-Tetrachlorobenzene	50.000	52.091	-4.2	103	0.00
40	P	Biphenyl	50.000	52.634	-5.3	101	0.00
41	I	Acenaphthene-d10	40.000	40.000	0.0	100	0.00
42	P	2-Chloronaphthalene	50.000	51.612	-3.2	101	0.00
43	PM	Acenaphthene	50.000	51.075	-2.2	99	0.00
44	P	Acenaphthylene	50.000	51.034	-2.1	99	0.00
45	P	4-Chlorophenyl phenyl ether	50.000	51.843	-3.7	101	0.00

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **BE3**
Project Reference: Pilgrim Village Family
Lab Project ID: 210346
SDG #: 0346-01
Matrix: Groundwater

Semi-Volatile Tentatively Identified Compounds

Analyte	Result	Units	Qualifier	Date Analyzed
Unknown	**7.57**	ug/L		1/26/2021
Unknown	**7.51**	ug/L		1/26/2021
Unknown Amide	**53.9**	ug/L		1/26/2021

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 1/26/2021
QC Batch ID: QC210126TICS
QC Number: 1

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Tentatively Identified Compound (LSC) summary

Data Path : C:\msdchem\1\data\210126\
Data File : B51922.D
Acq On : 26 Jan 2021 11:17 pm
Operator : A. Monfette
Sample : blk
Misc : 1/26 w_JSABN
ALS Vial : 37 Sample Multiplier: 1

Quant Method : C:\msdchem\1\methods\ABN210126.M
Quant Title :

TIC Library : C:\Database\NIST98.L
TIC Integration Parameters: rteint2.p

Amm 127-81

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc	
2(3H)-Furanone,...	8.351	7.6	ug/ml	122181	2	8.616	645226	40.0	unk
Butanal, 3-hydr...	9.598	7.5	ug/ml	121149	2	8.616	645226	40.0	unk
9-Octadecenamid...	16.945	53.9	ug/ml	965075	5	17.609	715923	40.0	unk Amide

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Paradigm Environmental Services	Lab Number	: L2103741
Project Name	: PILGRIM VILLAGE FAMILY	Project Number	:
Lab ID	: WG1458197-1	Date Collected	: NA
Client ID	: WG1458197-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/26/21 02:11
Sample Matrix	: WATER	Date Extracted	: 01/25/21
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I31510	Analyst	: HT
Sample Amount	: 250 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.356	2.00	0.328	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	1.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

APPENDIX G

RI BUILDING ENVIRONMENTAL ASSESSMENT REPORTS

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Pre-Demolition Asbestos Inspection Report

Project Location:

Pilgrim Village Apartments
Buildings 10, 11, 12, 13, 14, 15, 16, Garage Structure
91 Nora Lane
Buffalo, NY 14209

Project ID: 15-0121JWA

Conditions as of: September 3rd, 2020

Prepared for:

Connor M. Kenney
SAA / EVI
1631 Hertel Avenue
Buffalo, NY 14216

Prepared by:

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
OFFICE (716) 833-0043 | FAX (716) 241-8689
www.amdenvironmental.com

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716 833-0043 Fax: 716 241-8689
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October 19th, 2020

Connor M. Kenney
SAA/EVI
1631 Hertel Avenue
Buffalo, NY 14216

Re: Pre-Demolition Asbestos Inspection Report
Buildings 10, 11, 12, 13, 14, 15, 16, Garage Structure
91 Nora Lane, Buffalo, NY 14209
AMD Project ID: 15-0121JWA

Mr. Kenney:

I am pleased to present this summary of asbestos survey services at the above referenced address.

AMD Environmental Consultants conducted a visual pre-demolition asbestos update for Buildings 10, 11, 12, 13, 14, 15, 16, & Garage Structure at the above referenced address on September 3rd, 2020. Building materials were identified to be consistent and homogeneous to those that were initially sampled during the 2015 inspection which is included as an appendix to this report. For more detail refer to the summary on page 4.

New York State asbestos regulations (12 NYCRR 56-5) require that asbestos surveys are conducted in order to determine whether or not the building or structure, or portion(s) thereof to be demolished, renovated, remodeled, contains asbestos containing building materials (ACBM), or presumed asbestos containing materials (PACM). These regulations also require that a copy of the pre-renovation survey be forwarded to the local New York State Department of Labor (NYSDOL) Asbestos Control Bureau immediately upon completion of the survey (Buffalo Office: 65 Court Street, Rm. 405, Buffalo, NY 14202). **If requested to AMD in writing, a copy of the survey will be submitted on your behalf to the NYSDOL, otherwise a copy must be submitted by the owner.**

AMD Environmental Consultants, Inc. surveys are intended to determine, to a reasonable extent, the presence, location, quantity, and condition of accessible asbestos containing materials (surfacing, thermal systems insulation, and miscellaneous materials). The information contained herein is representative of conditions found onsite during the date/time this survey was conducted. Environmental conditions, renovation, vandalism, etc. may alter conditions from the date/time that this survey was conducted, potentially creating new hazards.

Please do not hesitate to contact me if I may provide any additional information.

Sincerely,

Anthony DeMiglio
President

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716 833-0043 Fax: 716 241-8689
www.amdenvironmental.com

Table of Contents

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716 833-0043 Fax: 716 241-8689
www.amdenvironmental.com

1.0 Asbestos Inspection

1.1 Introduction

AMD Environmental Consultants, Inc (AMD) was retained by Connor M. Kenney to inspect the buildings located at 91 Nora Lane in Buffalo, NY for the presence of materials suspected of containing asbestos in areas of planned renovations.

AMD was assigned to:

- Locate suspect asbestos containing materials (ACM),
- Sample these materials to determine asbestos content, and
- Identify the locations and estimated quantities of the confirmed asbestos containing materials.

The information following this introduction details the amount of asbestos present in this facility and the location of the ACBM (asbestos containing building materials). Although the report is a comprehensive analysis of the asbestos inspection work performed, it would be helpful to review all applicable federal, state and local rules, laws and regulations regarding the handling and treatment of ACBM.

The following is a list of suggested reading and information sources relating to asbestos:

- New York State Department of Labor Industrial Code Rule 56
- National Emission Standard for Hazardous Air Pollutants (NESHAPS)
- Occupational Safety and Health Administration
- (OSHA 1926.1101, 1910.134, 1910.1020, 1910.1200, 1910.145, 1910.95, 1926.58)
- Environmental Protection Agency rule CFR763.46 Asbestos Hazard Emergency Response Act

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
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www.amdenvironmental.com

1.2 Executive Summary

The scope of services included the identification of suspect asbestos containing building materials in areas of planned renovations; sampling and analysis of the suspect materials; and identifying the locations, estimated quantities, and condition of the confirmed asbestos containing materials.

Sampling and analysis of the suspect materials under Polarized Light Microscopy (PLM) ,and where necessary, under Transmission Electron Microscopy (TEM), revealed the following materials as asbestos containing building materials (ACBM):

ASBESTOS CONTAINING MATERIALS SUMMARY

HAN	Material Description	SID (Space Identification Number)	Estimated Quantity SF*	Friability/ Condition
300	All Flooring Materials (Linoleum and Floor Tiles) -See Note 1	Buildings 10, 11, 12, 13, 14, 15, 16	30,100 sq. ft. (4,300 sq. ft./ Building)	NF/D
300A	All Flooring Mastic -See Note 1	Buildings 10, 11, 12, 13, 14, 15, 16	Included in HAN 300	NF/D

*Quantities are approximate, and are only associated with areas of planned renovation. Additional asbestos containing materials may be located outside areas of planned renovation that were not surveyed, assessed or quantified during this inspection.

INSPECTION NOTES:

Note 1: Material was previously sampled and found to contain asbestos. See appendix C for AMD Environmental's 2015 Pre Demolition Asbestos Inspection Report.

KEY TERMS AND DEFINITIONS:

HAN= Homogenous Area Number; number assigned to categorize materials of like composition, texture and appearance

SID=Space Identification Number: Sample Locations

Friability/Condition:

F= Friable: a material that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure, or is capable of being released into the air by hand pressure.

NF= Non Friable: a material that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure, or is incapable of being released into the air by hand pressure.

I= Intact: Asbestos material that has not crumbled, been pulverized, or otherwise been damaged or disturbed, and the material's matrix has not noticeably deteriorated.

D= Damaged: Asbestos material that has deteriorated or sustained physical injury demonstrated by separation of the ACM into layers, separation of the ACM from the substrate, flaking, blistering, crumbling, water damage, scrapes, gouges, or other signs of physical injury.

SD=Significantly Damaged: Damaged asbestos where the damage is extensive and severe.

ACM=Asbestos Containing Material: material analyzed and confirmed by laboratory to contain above 1% of asbestos

PACM= Presumed Asbestos Containing Material: this material was assumed to contain asbestos to either save the client on lab fees or because the material was adhered to another asbestos containing material (or adjacent to other materials needing abatement) and must be managed as such.

AMD Environmental Consultants, Inc.
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Buffalo, NY 14202
Office: 716 833-0043 Fax: 716 241-8689
www.amdenvironmental.com

1.3 Purpose

The purpose of the asbestos inspection was to identify and quantify the types of asbestos containing building materials (ACBM) in areas of planned renovations. Samples of the suspect materials were collected for analysis by an independent laboratory, and the condition of each material noted in relation to its potential to be disturbed. The potential for fiber release was also considered.

The report is generated for the exclusive use of Connor M. Kenney and its representatives or agents, and is not designed to serve as a specification for abatement. Before requesting bids for abatement of materials identified in this report, the owner is strongly encouraged to contract with a consultant to provide this valuable service. A specification assures that all contractors are bidding on the same methodology and following the specific requirements for the work to be performed.

HOMOGENOUS MATERIALS & SAMPLE RESULTS

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/ Condition
See Appendix C for Homogeneous Materials List						

*Quantities are approximate, and are only associated with areas of planned renovation. Additional asbestos containing materials may be located outside areas of planned renovation that were not surveyed, assessed or quantified during this inspection.

The above listed table provides a list of the materials that were sampled and tested for asbestos by Polarized Light Microscopy (PLM) and or Transmission Electron Microscopy (TEM), as applicable. Any sample determined to be a non-friable organically bound material (NOB), and which was found to be negative by Polarized Light Microscopy (PLM) analysis, was then analyzed by Transmission Electron Microscopy (TEM) analysis at American Science Team New York Inc. (AmeriSci) in New York, New York. AmeriSci is an ELAP Certified laboratory (ID: 11480) and conducts analysis according to EPA Method 198.1, 198.4 and 198.6. See Section 2.0 for the laboratory's analytical results.

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716 833-0043 Fax: 716 241-8689
www.amdenvironmental.com

1.4 Methodology

All work performed by AMD Environmental Consultants, Inc. was conducted in accordance with applicable regulations, including New York State Department of Labor standards 12NYCRR Part 56, National Emission Standards for Hazardous Air Pollutants (NESHAPS), and Occupational Safety and Health Administration regulations 29CFR1910.1101 and 29CFR1910.134. All AMD personnel assigned to conduct inspections have completed the Environmental Protection Agency (EPA) required training and New York State Department of Labor Division of Safety and Health certification program.

Each suspect asbestos containing building material (ACBM) was assigned a homogenous area number (HAN). Homogeneous areas consist of materials of like composition, texture and appearance.

Based on the homogeneous areas, samples of suspect materials were collected. Techniques used for sample collection were designed to minimize damage to suspected areas, reduce any potential for fiber release, and ensure the safety of the inspector and building occupants. Samples were collected by AMD personnel using the following procedures:

1. The surface to be sampled was sprayed with amended water (detergent and water) as necessary

2. A plastic sample bag was held to the surface sampled

3. The sample was collected using tools appropriate to the friability of the material sampled

4. Sample bags were labeled with a unique sample identification number

5. Samples were recorded on a Chain of Custody form, and submitted under strict chain-of-custody procedures to American Science Team New York Inc. (AmeriSci) in New York, New York. AmeriSci is an ELAP and NYSDOH approved, certified laboratory for PLM and TEM analysis (ELAP ID: 11480).

Samples were first analyzed using PLM, Polarized Light Microscopy in accordance with US Environmental Protection Agency Interim Method, 40CFRPt763, Supt F, App A(7-1-87). For the sample results not considered definitive, additional analysis was performed under Transmission Electron Microscopy (TEM) in accordance with NYSDOH ELAP Item 198.4, for Non-friable Organically Bound Bulk Material (NOB). The results of these analyses confirmed whether or not a suspect materials actually contained asbestos. All materials sampled are summarized in Section 1.3 of this report; the presumed asbestos containing materials and materials containing asbestos above 1.0% are listed in Section 1.2.

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
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2.0 Site Map

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
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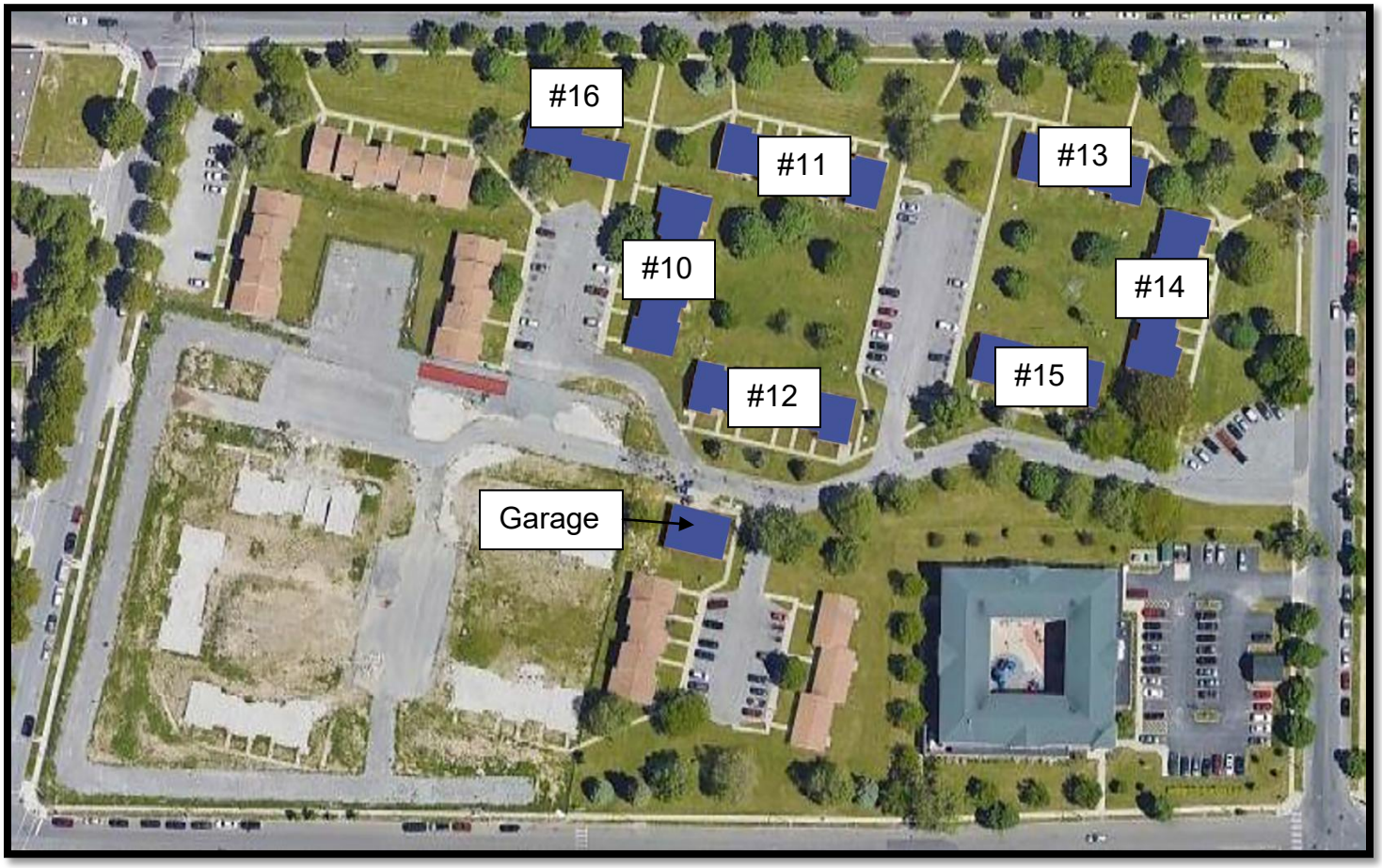
Pilgrim Village Apartments Demolition Buildings #10 - #16



AMD Environmental Consultants, Inc.
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Appendix A: Firm Certification and Personnel License(s)

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

AMD Environmental Consultants, Inc.
Suite L1
712 Main Street

Buffalo, NY 14202

FILE NUMBER: 10-56177
LICENSE NUMBER: 56177
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 10/25/2019
EXPIRATION DATE: 11/30/2020

Duly Authorized Representative – Anthony DeMiglio:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko, Director
For the Commissioner of Labor

SH 432 (8/12)

AMD Environmental Consultants, Inc.
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Appendix B: Laboratory Certification

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2021
Issued April 01, 2020

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

DR. THOMAS R. MCKEE
AMERISCI RICHMOND
13635 GENITO RD
MIDLOTHIAN, VA 23112

NY Lab Id No: 10984

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual
	EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual
Asbestos-Vermiculite-Containing Material	Item 198.8 of Manual

NEW YORK STATE | Department of Health

Serial No.: 61267

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

Page 1 of 1

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716 833-0043 Fax: 716 241-8689
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Appendix C:
2015 AMD Environmental Pre Demolition Asbestos Inspection

Pre-Demolition Asbestos Sampling Report

Pilgrim Village Apartments
Buildings 1, 2, 3, 4, 6
38 Holloway Blvd.
Buffalo, NY 14209
AMD Project: 15-0121JWA

Conditions as of : January 21, 2015

Prepared for:

David Sanford
R&P Oak Hill Development, LLC.
3556 Lakeshore Rd.
Buffalo, NY 14219

Prepared by:

AMD Environmental Consultants
4248 Ridge Lea Road
Amherst, NY 14226

January 28, 2015

David Sanford
R&P Oak Hill Development, LLC.
3556 Lakeshore Rd.
Buffalo, NY 14219

Re: Pre-Demolition Asbestos Sampling Report
Pilgrim Village Apartments / Buildings 1, 2, 3, 4, 6
38 Holloway Blvd.
Buffalo, NY 14209

Mr. Sanford:

I am pleased to present this summary of asbestos survey services at the above referenced address.

Gerald Dunlap and Jonathan Wolf conducted representative pre-demolition asbestos sampling at the above referenced buildings on January 21, 2015 for areas to be affected by planned demolitions. Asbestos containing materials (ACM) were identified above 1% in materials that were sampled. For more detail refer to the summary on page 5.

New York State asbestos regulations (12 NYCRR 56-5) require that asbestos surveys are conducted in order to determine whether or not the building or structure, or portion(s) thereof to be demolished, renovated, remodeled, contains ACM, PACM or asbestos materials. These regulations also require that a copy of the pre-renovation survey be forwarded to the local New York State Department of Labor (NYSDOL) Asbestos Control Bureau immediately upon completion of the survey (NYSDOL contact info. at end of report). **If requested in writing, a copy of the survey will be submitted on your behalf to the NYSDOL, otherwise a copy must be submitted by the owner.**

AMD Environmental Consultants, Inc. surveys are intended to determine, to a reasonable extent, the presence, location, quantity, and condition of accessible asbestos containing materials (surfacing, thermal systems insulation, and miscellaneous materials). The information contained herein is representative of conditions found onsite during the date/time this survey was conducted. Environmental conditions, renovation, vandalism, etc. may alter conditions from the date/time that this survey was conducted, potentially creating new hazards.

Please do not hesitate to contact me if I may provide any additional information.

Sincerely,

Anthony DeMiglio
President

Table of Contents

Pre-Demolition Asbestos Sampling Report

Part 1: Asbestos Containing Materials Summary

Asbestos Containing Materials Summary

Pilgrim Village Apts. Buildings 1,2,3,4,6

AMDEC project: 15-0121JWA

Sample #	Material Description	Location	Estimated Amount	Condition
2,4,20,33,43 **Note 1**	All Flooring Materials (Linoleum and Tiles)	Buildings 1,2,3,4,6 Living Rooms, Hallways, Bed Rooms, Kitchens and Bathrooms and wherever present	21,500 Sq. Ft. (4,300 Sq.Ft./Bldg)	D
3,3A.19,19A	All Flooring Mastic (Black Mastic)	Buildings 1,2,3,4,6 Living Rooms, Hallways, Bed Rooms, Kitchens and Bathrooms and wherever present	21,500 Sq. Ft. (4,300 Sq.Ft./Bldg)	D

Quantities are estimated and subject to bidders verification.

Inspection Notes: Representative pre-demolition asbestos sampling at the above referenced buildings was conducting by sampling suspect materials in one unit per building. Occupancy by tenants prevented inspections of every unit; therefore representative sampling was conducted as per owner's request. Asbestos containing materials (ACM) were identified for all flooring and flooring mastic for buildings 1,2,3,4 and 6.

Note 1: All Floor Tiles (12"x12") must be treated as an asbestos containing material (ACM) because the materials were found to be adhered to another asbestos containing material (Floor Mastic).

Terms / Definitions Key

HAN Type:	**Homogeneous area**
I:	**Intact Condition**
D:	**Damaged Condition**
SD:	**Significantly Damaged Condition**
F:	**Friable**
NF:	**Non-Friable**
PLM:	**Analyzed by Polarized Light Microscopy**
TEM:	**Analyzed by Transmission Electron Microscopy**
NAD:	**No asbestos detected**
NA:	**Not applicable**
PS:	**Positive Stop**
Trace:	**Less than 1% asbestos (Non ACM)**
ACM:	**Asbestos Containing Material**
PACM:	**Presumed Asbestos Containing Material**

Part 2: Homogeneous Materials List

Homogenous Materials List

Pilgrim Village Apts. Buildings 1,2,3,4,6

AMDEC project: 15-0121JWA

Homogenous Area Number	Suspect Asbestos Containing Material	Confirmed ACM (Y/N)	Friability (F/NF)	Sample Number(s)
001-Bldgs. 1,2,3,4,6	Roofing Shingle Top Layer	No	NF	9,14A,26,35A,46
002-Bldgs. 1,2,3,4,6	Roofing Shingle Bottom Layer	No	NF	10,15,27,36,47
003-Bldgs. 1,2,3,4,6	Roofing Felt	No	NF	11,16,28,37,48
004-Bldgs. 1,2,3,4,6	Roofing Tar	No	NF	12,17,29,38,49
005-Bldgs. 1,2,3,4,6	Window / Door Caulk	No	NF	8,13,25,34A,50A
101-Bldgs. 1,2,3,4,6	**Linoleum Flooring (Beige Pattern)**	**YES**	**NF**	**2,4,4A 20,33,43,21,21A, 41,41A**
102-Bldgs.1,2,3,4,6	12”x12” Floor Tile (Tan/Beige Pattern)	No	NF	1,1A,18,18A,30, 30A,39,39A
103-Bldgs. 1,2,3,4,6	**Flooring Mastic (Black)**	**YES**	**NF**	**3,3A,19,19A,40, 40A**
104-Bldgs. 1,2,3,4,6	Cove Base Mastic	No	NF	5,5A,22,22A,42, 42A
105-Bldgs. 1,2,3,4,6	Joint Compound	No	F	6,6A,6B,23,23A, 23B,31,31A,31B,44 44A,44B
106-Bldgs. 1,2,3,4,6	Drywall	No	F	7,7A,7B,24,24A, 24B,32,32A,32B,45 45A,45B

The above listed table provides a list of the materials that were sampled and tested for asbestos by Polarized Light Microscopy (PLM) and or Transmission Electron Microscopy (TEM) as applicable. Any sample determined to be a non-friable organically bound material (NOB) and which was found to be negative by Polarized Light Microscopy (PLM) analysis, is then analyzed by Transmission Electron Microscopy (TEM) analysis at AmeriSci Laboratories in NYC. AmeriSci is an ELAP Certified laboratory (ID# 11480) and conducts analysis according to EPA Method 198.4.

Part 3: Laboratory Analytical Results

AmeriSci Job #: **115011685**

Client Name: AMD Environmental Consultants, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

150121JW.A; 38 Holloway Blvd; Bulk Samples

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	9	1	0.316	22.8	37.5	39.7	NAD	NAD
Location: Roofing Top Layer								
02	14A	1	0.231	25.6	44.8	29.6	NAD	NAD
Location: Roofing Top Layer								
03	26	1	0.159	21.5	37.7	40.9	NAD	NAD
Location: Roofing Top Layer								
04	35A	1	0.320	20.7	30.5	48.8	NAD	NAD
Location: Roofing Top Layer								
05	46	1	0.267	24.1	44.1	31.8	NAD	NAD
Location: Roofing Top Layer								
06	10	2	0.245	54.3	13.0	32.7	NAD	NAD
Location: Roofing Bottom Layer								
07	15	2	0.275	39.0	13.0	47.9	NAD	NAD
Location: Roofing Bottom Layer								
08	27	2	0.244	36.5	16.6	46.9	NAD	NAD
Location: Roofing Bottom Layer								
09	36	2	0.206	58.0	11.0	30.9	NAD	NAD
Location: Roofing Bottom Layer								
10	47	2	0.250	31.9	22.3	45.8	NAD	NAD
Location: Roofing Bottom Layer								
11	11	3	0.126	97.4	1.7	1.0	NAD	NAD
Location: Roofing Felt								
12	16	3	0.093	97.9	1.8	0.2	NAD	NAD
Location: Roofing Felt								
13	28	3	0.293	64.2	12.2	23.6	NAD	NAD
Location: Roofing Felt								
14	37	3	0.097	96.8	2.0	1.2	NAD	NAD
Location: Roofing Felt								
15	48	3	0.105	97.2	1.4	1.4	NAD	NAD
Location: Roofing Felt								
16	12	4	0.279	46.2	26.6	27.2	NAD	NAD
Location: Roofing Tar								

See Reporting notes on last page

AmeriSci Job #: **115011685**

Client Name: AMD Environmental Consultants, Inc.

Table I
Summary of Bulk Asbestos Analysis Results
150121JW.A; 38 Holloway Blvd; Bulk Samples

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	17	4	0.213	86.4	3.9	9.7	NAD	NAD
Location: Roofing Tar								
18	29	4	0.119	85.7	3.3	11.0	NAD	NAD
Location: Roofing Tar								
19	38	4	0.133	73.9	5.3	20.8	NAD	NAD
Location: Roofing Tar								
20	49	4	0.285	76.6	8.7	14.8	NAD	NAD
Location: Roofing Tar								
21	8	5	0.177	49.0	36.9	14.1	NAD	NAD
Location: Caulk Window/Door								
22	13	5	0.258	55.8	37.2	7.0	NAD	NAD
Location: Caulk Window/Door								
23	25	5	0.082	55.5	38.8	5.7	NAD	NAD
Location: Caulk Window/Door								
24	34A	5	0.092	56.7	37.9	5.4	NAD	NAD
Location: Caulk Window/Door								
25	50A	5	0.181	47.1	34.2	18.7	NAD	NAD
Location: Caulk Window/Door								
26	2	6	0.091	46.4	23.9	5.9	Chrysotile 23.8	NA
Location: Flooring Bath RM								
27	20	6	0.126	49.2	21.2	29.6	NA/PS	NA
Location: Flooring Bath RM								
28	33	6	0.117	48.9	23.2	28.0	NA/PS	NA
Location: Flooring Bath RM								
29	43	6	0.128	48.5	19.2	32.3	NA/PS	NA
Location: Flooring Bath RM								
30	1	7	0.146	16.6	81.3	2.0	NAD	Chrysotile Trace
Location: Flooring L/R & Hallway								
31	1A	7	0.208	16.3	81.8	1.8	NAD	Chrysotile Trace
Location: Drywall								
32	3	8	0.056	81.6	6.0	2.5	Chrysotile 9.9	NA
Location: Mastic L/R & Hallway								

See Reporting notes on last page

AmeriSci Job #: **115011685**

Client Name: AMD Environmental Consultants, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

150121JW.A; 38 Holloway Blvd; Bulk Samples

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	3A	8	0.065	71.7	11.4	16.9	NA/PS	NA
Location:	Mastic L/R & Hallway							
34	4	9	0.077	33.5	42.0	4.9	Chrysotile 19.6	NA
Location:	Flooring Kitchen							
35	4A	9	0.156	35.2	36.4	28.4	NA/PS	NA
Location:	Flooring Kitchen							
36	5	10	0.208	46.8	4.4	48.9	NAD	NAD
Location:	Base Cove Mastic							
37	5A	10	0.343	46.8	3.4	49.7	NAD	NAD
Location:	Base Cove Mastic							
38	6	11	----	----	----	----	NAD	NA
Location:	Joint Compound							
39	6A	11	----	----	----	----	NAD	NA
Location:	Joint Compound							
40	6B	11	----	----	----	----	NAD	NA
Location:	Joint Compound							
41	7	12	----	----	----	----	NAD	NA
Location:	Drywall							
42	7A	12	----	----	----	----	NAD	NA
Location:	Drywall							
43	7B	12	----	----	----	----	NAD	NA
Location:	Drywall							
44	18	13	0.324	16.7	81.8	1.5	NAD	NAD
Location:	Flooring 4R & Hallway							
45	18A	13	0.247	16.5	82.3	1.1	NAD	NAD
Location:	Flooring 4R & Hallway							
46	19	14	0.056	72.9	16.0	2.2	Chrysotile 8.9	NA
Location:	Mastic 4R & Hallway							
47	19A	14	----	----	----	----	NA/PS	NA
Location:	Mastic 4R & Hallway							
48	21	15	0.472	18.2	78.3	3.5	NAD	NAD
Location:	Flooring Kitchen							

See Reporting notes on last page

AmeriSci Job #: **115011685**

Client Name: AMD Environmental Consultants, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

150121JW.A; 38 Holloway Blvd; Bulk Samples

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
49	21A	15	0.200	20.2	77.1	2.7	NAD	NAD
Location:	Flooring Kitchen							
50	22	16	0.384	51.9	3.0	45.1	NAD	NAD
Location:	Base Cove Mastic							
51	22A	16	0.395	51.9	2.3	45.8	NAD	NAD
Location:	Base Cove Mastic							
52	23	17	----	----	----	----	NAD	NA
Location:	Joint Compound							
53	23A	17	----	----	----	----	NAD	NA
Location:	Joint Compound							
54	23B	17	----	----	----	----	NAD	NA
Location:	Joint Compound							
55	24	18	----	----	----	----	NAD	NA
Location:	Drywall							
56	24A	18	----	----	----	----	NAD	NA
Location:	Drywall							
57	24A	18	----	----	----	----	NAD	NA
Location:	Drywall							
58	30	19	0.250	16.6	82.0	1.4	NAD	NAD
Location:	Flooring Throut							
59	30A	19	0.227	16.6	82.2	1.1	NAD	NAD
Location:	Flooring Throut							
60	31	20	----	----	----	----	NAD	NA
Location:	Joint Compound							
61	31A	20	----	----	----	----	NAD	NA
Location:	Joint Compound							
62	31B	20	----	----	----	----	NAD	NA
Location:	Joint Compound							
63	32	21	----	----	----	----	NAD	NA
Location:	Drywall							
64	32A	21	----	----	----	----	NAD	NA
Location:	Drywall							

See Reporting notes on last page

AmeriSci Job #: **115011685**

Client Name: AMD Environmental Consultants, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

150121JW.A; 38 Holloway Blvd; Bulk Samples

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
65	32B	21	---	---	---	---	NAD	NA
Location: Drywall								
66	39	22	0.211	17.3	80.8	1.8	NAD	Chrysotile Trace
Location: Flooring L/R & Hallway								
67	39A	22	0.202	17.5	80.2	2.3	NAD	NAD
Location: Flooring L/R & Hallway								
68	40	23	0.114	50.6	16.6	32.7	NAD	NAD
Location: Mastic L/R & Hallway								
69	40A	23	0.105	49.0	15.4	35.7	NAD	NAD
Location: Mastic L/R & Hallway								
70	41	24	0.201	25.0	74.8	0.2	NAD	NAD
Location: Flooring Kitchen								
71	41A	24	0.323	39.2	60.1	0.7	NAD	NAD
Location: Flooring Kitchen								
72	42	25	0.152	53.2	19.4	27.5	NAD	NAD
Location: Base Cove Mastic								
73	42A	25	0.158	67.9	5.6	26.4	NAD	NAD
Location: Base Cove Mastic								
74	44	26	---	---	---	---	NAD	NA
Location: Joint Compound								
75	44A	26	---	---	---	---	NAD	NA
Location: Joint Compound								
76	44B	26	---	---	---	---	NAD	NA
Location: Joint Compound								
77	45	27	---	---	---	---	NAD	NA
Location: Drywall								
78	45A	27	---	---	---	---	NAD	NA
Location: Drywall								
79	45B	27	---	---	---	---	NAD	NA
Location: Drywall								

See Reporting notes on last page

AmeriSci Job #: **115011685**

Client Name: AMD Environmental Consultants, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

150121JW.A; 38 Holloway Blvd; Bulk Samples

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM

Reviewed by: _____ Date Reviewed: _____ Analyzed By: Jean L. Mayo _____ Date Analyzed: 1/28/2015

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%;
PLM analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) (NY ELAP Lab # 10984);
TEM analysis by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984);

** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.
Attn: Anthony DeMiglio
4248 Ridge Lea Rd
Suite 16
Amherst, NY 14226

Date Received 01/23/15 **AmeriSci Job #** 115011685
Date Examined 01/26/15 **P.O. #**
ELAP # 10984 **Page** 1 **of** 16
RE: 150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
9	115011685-01	*No*	NAD
1	**Location:** Roofing Top Layer		(by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 39.7 %			
Comment: Heat Sensitive (organic): 22.8%; Acid Soluble (inorganic): 37.5%; Inert (Non-asbestos): 39.7%			
14A	115011685-02	*No*	NAD
1	**Location:** Roofing Top Layer		(by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 29.6 %			
Comment: Heat Sensitive (organic): 25.6%; Acid Soluble (inorganic): 44.8%; Inert (Non-asbestos): 29.6%			
26	115011685-03	*No*	NAD
1	**Location:** Roofing Top Layer		(by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 40.9 %			
Comment: Heat Sensitive (organic): 21.5%; Acid Soluble (inorganic): 37.7%; Inert (Non-asbestos): 40.9%			
35A	115011685-04	*No*	NAD
1	**Location:** Roofing Top Layer		(by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 48.8 %			
Comment: Heat Sensitive (organic): 20.7%; Acid Soluble (inorganic): 30.5%; Inert (Non-asbestos): 48.8%			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
46 1	115011685-05 **Location:** Roofing Top Layer	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 31.8 % **Comment:** Heat Sensitive (organic): 24.1%; Acid Soluble (inorganic): 44.1%; Inert (Non-asbestos): 31.8%			
10 2	115011685-06 **Location:** Roofing Bottom Layer	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 32.7 % **Comment:** Heat Sensitive (organic): 54.3%; Acid Soluble (inorganic): 13.0%; Inert (Non-asbestos): 32.7%			
15 2	115011685-07 **Location:** Roofing Bottom Layer	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 47.9 % **Comment:** Heat Sensitive (organic): 39.0%; Acid Soluble (inorganic): 13.0%; Inert (Non-asbestos): 47.9%			
27 2	115011685-08 **Location:** Roofing Bottom Layer	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 46.9 % **Comment:** Heat Sensitive (organic): 36.5%; Acid Soluble (inorganic): 16.6%; Inert (Non-asbestos): 46.9%			
36 2	115011685-09 **Location:** Roofing Bottom Layer	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 30.9 % **Comment:** Heat Sensitive (organic): 58.0%; Acid Soluble (inorganic): 11.0%; Inert (Non-asbestos): 30.9%			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
47 2	115011685-10 **Location:** Roofing Bottom Layer	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 45.8 % **Comment:** Heat Sensitive (organic): 31.9%; Acid Soluble (inorganic): 22.3%; Inert (Non-asbestos): 45.8%			
11 3	115011685-11 **Location:** Roofing Felt	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1 % **Comment:** Heat Sensitive (organic): 97.4%; Acid Soluble (inorganic): 1.7%; Inert (Non-asbestos): 1.0%			
16 3	115011685-12 **Location:** Roofing Felt	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.2 % **Comment:** Heat Sensitive (organic): 97.9%; Acid Soluble (inorganic): 1.8%; Inert (Non-asbestos): 0.2%			
28 3	115011685-13 **Location:** Roofing Felt	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 23.6 % **Comment:** Heat Sensitive (organic): 64.2%; Acid Soluble (inorganic): 12.2%; Inert (Non-asbestos): 23.6%			
37 3	115011685-14 **Location:** Roofing Felt	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.2 % **Comment:** Heat Sensitive (organic): 96.8%; Acid Soluble (inorganic): 2.0%; Inert (Non-asbestos): 1.2%			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
48 3 **Location:** Roofing Felt	115011685-15	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.4 % **Comment:** Heat Sensitive (organic): 97.2%; Acid Soluble (inorganic): 1.4%; Inert (Non-asbestos): 1.4%			
12 4 **Location:** Roofing Tar	115011685-16	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 27.2 % **Comment:** Heat Sensitive (organic): 46.2%; Acid Soluble (inorganic): 26.6%; Inert (Non-asbestos): 27.2%			
17 4 **Location:** Roofing Tar	115011685-17	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 9.7 % **Comment:** Heat Sensitive (organic): 86.4%; Acid Soluble (inorganic): 3.9%; Inert (Non-asbestos): 9.7%			
29 4 **Location:** Roofing Tar	115011685-18	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11 % **Comment:** Heat Sensitive (organic): 85.7%; Acid Soluble (inorganic): 3.3%; Inert (Non-asbestos): 11.0%			
38 4 **Location:** Roofing Tar	115011685-19	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 20.8 % **Comment:** Heat Sensitive (organic): 73.9%; Acid Soluble (inorganic): 5.3%; Inert (Non-asbestos): 20.8%			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
49 4	115011685-20 **Location:** Roofing Tar	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 14.8 % **Comment:** Heat Sensitive (organic): 76.6%; Acid Soluble (inorganic): 8.7%; Inert (Non-asbestos): 14.8%			
8 5	115011685-21 **Location:** Caulk Window/Door	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 14.1 % **Comment:** Heat Sensitive (organic): 49.0%; Acid Soluble (inorganic): 36.9%; Inert (Non-asbestos): 14.1%			
13 5	115011685-22 **Location:** Caulk Window/Door	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7 % **Comment:** Heat Sensitive (organic): 55.8%; Acid Soluble (inorganic): 37.2%; Inert (Non-asbestos): 7.0%			
25 5	115011685-23 **Location:** Caulk Window/Door	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 5.7 % **Comment:** Heat Sensitive (organic): 55.5%; Acid Soluble (inorganic): 38.8%; Inert (Non-asbestos): 5.7%			
34A 5	115011685-24 **Location:** Caulk Window/Door	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 5.4 % **Comment:** Heat Sensitive (organic): 56.7%; Acid Soluble (inorganic): 37.9%; Inert (Non-asbestos): 5.4%			

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PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
50A 5	115011685-25 **Location:** Caulk Window/Door	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 18.7 % **Comment:** Heat Sensitive (organic): 47.1%; Acid Soluble (inorganic): 34.2%; Inert (Non-asbestos): 18.7%			
2 6	115011685-26 **Location:** Flooring Bath RM	***Yes***	23.8 % (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 23.8 % **Other Material:** Non-fibrous 5.9 % **Comment:** Heat Sensitive (organic): 46.4%; Acid Soluble (inorganic): 23.9%; Inert (Non-asbestos): 5.9%			
20 6	115011685-27 **Location:** Flooring Bath RM		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 49.2%; Acid Soluble (inorganic): 21.2%; Inert (Non-asbestos): 29.6%			
33 6	115011685-28 **Location:** Flooring Bath RM		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 48.9%; Acid Soluble (inorganic): 23.2%; Inert (Non-asbestos): 28.0%			
43 6	115011685-29 **Location:** Flooring Bath RM		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 48.5%; Acid Soluble (inorganic): 19.2%; Inert (Non-asbestos): 32.3%			

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PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1 7	115011685-30 **Location:** Flooring L/R & Hallway	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
	Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 2.1 % **Comment:** Heat Sensitive (organic): 16.6%; Acid Soluble (inorganic): 81.3%; Inert (Non-asbestos): 2.1%		
1A 7	115011685-31 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
	Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.9 % **Comment:** Heat Sensitive (organic): 16.3%; Acid Soluble (inorganic): 81.8%; Inert (Non-asbestos): 1.9%		
3 8	115011685-32 **Location:** Mastic L/R & Hallway	***Yes***	9.9 % (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
	Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 9.9 % **Other Material:** Non-fibrous 2.5 % **Comment:** Heat Sensitive (organic): 81.6%; Acid Soluble (inorganic): 6.0%; Inert (Non-asbestos): 2.5%		
3A 8	115011685-33 **Location:** Mastic L/R & Hallway		NA/PS
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 71.7%; Acid Soluble (inorganic): 11.4%; Inert (Non-asbestos): 16.9%		
4 9	115011685-34 **Location:** Flooring Kitchen	***Yes***	19.6 % (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
	Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 19.6 % **Other Material:** Non-fibrous 4.9 % **Comment:** Heat Sensitive (organic): 33.5%; Acid Soluble (inorganic): 42.0%; Inert (Non-asbestos): 4.9%		

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PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
4A 9	115011685-35 **Location:** Flooring Kitchen		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 35.2%; Acid Soluble (inorganic): 36.4%; Inert (Non-asbestos): 28.4%			
5 10	115011685-36 **Location:** Base Cove Mastic	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 48.9 % **Comment:** Heat Sensitive (organic): 46.8%; Acid Soluble (inorganic): 4.4%; Inert (Non-asbestos): 48.9%			
5A 10	115011685-37 **Location:** Base Cove Mastic	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 49.7 % **Comment:** Heat Sensitive (organic): 46.8%; Acid Soluble (inorganic): 3.4%; Inert (Non-asbestos): 49.7%			
6 11	115011685-38 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
6A 11	115011685-39 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6B 11	115011685-40 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
7 12	115011685-41 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
7A 12	115011685-42 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
7B 12	115011685-43 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
18 13	115011685-44 **Location:** Flooring 4R & Hallway	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.5 % **Comment:** Heat Sensitive (organic): 16.7%; Acid Soluble (inorganic): 81.8%; Inert (Non-asbestos): 1.5%			

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PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
18A 13	115011685-45 **Location:** Flooring 4R & Hallway	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.1 % **Comment:** Heat Sensitive (organic): 16.5%; Acid Soluble (inorganic): 82.3%; Inert (Non-asbestos): 1.1%			
19 14	115011685-46 **Location:** Mastic 4R & Hallway	***Yes***	8.9 % (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 8.9 % **Other Material:** Non-fibrous 2.2 % **Comment:** Heat Sensitive (organic): 72.9%; Acid Soluble (inorganic): 16.0%; Inert (Non-asbestos): 2.2%			
19A 14	115011685-47 **Location:** Mastic 4R & Hallway		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
21 15	115011685-48 **Location:** Flooring Kitchen	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 3.5 % **Comment:** Heat Sensitive (organic): 18.2%; Acid Soluble (inorganic): 78.3%; Inert (Non-asbestos): 3.5%			
21A 15	115011685-49 **Location:** Flooring Kitchen	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 2.7 % **Comment:** Heat Sensitive (organic): 20.2%; Acid Soluble (inorganic): 77.1%; Inert (Non-asbestos): 2.7%			

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PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
22 16	115011685-50 **Location:** Base Cove Mastic	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 45.1 % **Comment:** Heat Sensitive (organic): 51.9%; Acid Soluble (inorganic): 3.0%; Inert (Non-asbestos): 45.1%			
22A 16	115011685-51 **Location:** Base Cove Mastic	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 45.8 % **Comment:** Heat Sensitive (organic): 51.9%; Acid Soluble (inorganic): 2.3%; Inert (Non-asbestos): 45.8%			
23 17	115011685-52 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
23A 17	115011685-53 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
23B 17	115011685-54 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
24 18 **Location:** Drywall	115011685-55	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
24A 18 **Location:** Drywall	115011685-56	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
24A 18 **Location:** Drywall	115011685-57	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/26/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
30 19 **Location:** Flooring Throut	115011685-58	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.4 % **Comment:** Heat Sensitive (organic): 16.6%; Acid Soluble (inorganic): 82.0%; Inert (Non-asbestos): 1.4%			
30A 19 **Location:** Flooring Throut	115011685-59	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.1 % **Comment:** Heat Sensitive (organic): 16.6%; Acid Soluble (inorganic): 82.2%; Inert (Non-asbestos): 1.1%			

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PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
31 20	115011685-60 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
31A 20	115011685-61 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
31B 20	115011685-62 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
32 21	115011685-63 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
32A 21	115011685-64 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
32B 21	115011685-65 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
39	115011685-66	*No*	NAD
22	**Location:** Flooring L/R & Hallway		(by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 1.9 %			
Comment: Heat Sensitive (organic): 17.3%; Acid Soluble (inorganic): 80.8%; Inert (Non-asbestos): 1.9%			
39A	115011685-67	*No*	NAD
22	**Location:** Flooring L/R & Hallway		(by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 2.3 %			
Comment: Heat Sensitive (organic): 17.5%; Acid Soluble (inorganic): 80.2%; Inert (Non-asbestos): 2.3%			
40	115011685-68	*No*	NAD
23	**Location:** Mastic L/R & Hallway		(by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 32.7 %			
Comment: Heat Sensitive (organic): 50.6%; Acid Soluble (inorganic): 16.6%; Inert (Non-asbestos): 32.7%			
40A	115011685-69	*No*	NAD
23	**Location:** Mastic L/R & Hallway		(by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 35.7 %			
Comment: Heat Sensitive (organic): 49.0%; Acid Soluble (inorganic): 15.4%; Inert (Non-asbestos): 35.7%			
41	115011685-70	*No*	NAD
24	**Location:** Flooring Kitchen		(by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 0.2 %			
Comment: Heat Sensitive (organic): 25.0%; Acid Soluble (inorganic): 74.8%; Inert (Non-asbestos): 0.2%			

See Reporting notes on last page

PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
41A 24	115011685-71 **Location:** Flooring Kitchen	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.7 % **Comment:** Heat Sensitive (organic): 39.2%; Acid Soluble (inorganic): 60.1%; Inert (Non-asbestos): 0.7%			
42 25	115011685-72 **Location:** Base Cove Mastic	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 27.5 % **Comment:** Heat Sensitive (organic): 53.2%; Acid Soluble (inorganic): 19.4%; Inert (Non-asbestos): 27.5%			
42A 25	115011685-73 **Location:** Base Cove Mastic	***No***	NAD (by NYS ELAP 198.6) by William M. Dunstan on 01/26/15
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 26.4 % **Comment:** Heat Sensitive (organic): 67.9%; Acid Soluble (inorganic): 5.6%; Inert (Non-asbestos): 26.4%			
44 26	115011685-74 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
44A 26	115011685-75 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

150121JW.A; 38 Holloway Blvd; Bulk Samples

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
44B 26	115011685-76 **Location:** Joint Compound	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
45 27	115011685-77 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
45A 27	115011685-78 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			
45B 27	115011685-79 **Location:** Drywall	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 01/27/15
Analyst Description: White/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5 %, Non-fibrous 95 %			

Reporting Notes:

Analyzed by: William M. Dunstan Wm M Dunstan Date 1/27/15

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600//M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:_____

Part 4: Sample Chain of Custody

AMERISCI

www.amerisci.com

CHAIN OF CUSTODY RECORD

115011685

AMERISCI NEW YORK
117 East 30th Street
New York, NY 10016
Toll Free (800) 705-5227
Phone (212) 679-8600
Fax (212) 679-9392

COMPANY: AMD Environmental	ADDRESS: 4248 Ridge Lea Road, Amherst, NY 14226	P.O.#:

PROJECT INFORMATION	ANALYSIS TYPE	TURNAROUND TIME (X) 6-8 HR	12 HR	24 HR	48 HR	72 HR	5 DAY	OTHER	AIR FILTER INFORMATION:	
JOB NAME: 38 HOLLOWAY BLVD.	TEM/AHERA								MCE	
JOB NUMBER: 15012JW.A	TEM/LEVEL II								PC	
JOB MANAGER: Anthony DeMiglio	TEM/BULK								25 mm	
JOB DESCRIPTION: BULK SAMPLES	TEM/DUST	[redacted]							37 mm	
	TEM/WATER	[redacted]							0.45 um	
	PCM	RUSH							0.80 um	
	PLM	RUSH					X		TEM:	
	OTHER:								OTHER:	

RESULTS TO: AMD Environmental	RETURN SAMPLES YES ____ NO X
EMAIL TO: JWolf@AMDEnv.com & SDunlap@AMDEnv.com	PHONE: 716-201-2772
INVOICE TO: AMD Environmental	FAX:
COMMENTS: NYS ELAP Positive Stop	SITE FAX:
	PAGER/CELL:

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME	X LITERS /MIN.	= TOTAL VOLUME	DATE COLLECTED
9,14,26,35A/46	> ROOFING TOP LAYER						1.21.15
10,15,27,36,47	> ROOFING BOTTOM LAYER						
11,16,28,37/48	> ROOFING FELT						
12,17,29,38/49	> ROOFING TAR						
8,13,25,34,50A	CAULK WINDOW/DOOR						
2,20,33,43	FLOORING BATH RM.						
1,1A	FLOORING L/R & HALLWAY						
3,3A	MASTIC —11—						
4,4A	FLOORING KITCHEN						
5,5A	BASE COVE MASTIC						
6,6A,6B	JOINT COMPOUND						
7,7A,7B	DRYWALL						
18,18A	FLOORING L/R & HALLWAY						
19,19A	MASTIC —11—						
21,21A	FLOORING KITCHEN						
22,22A	BASE COVE MASTIC						
23,23A,23B	JOINT COMPOUND						
24,24A,24B	DRYWALL						

SAMPLED BY: S. Dunlap	DATE/TIME: 1.21.15	RECEIVED BY	DATE/TIME
RELINQUISHED BY	DATE/TIME	RECEIVED IN LAB BY	DATE/TIME

RECEIVED
JAN 23 2015
By

AMERI SCI

www.ameriso.com

CHAIN OF CUSTODY RECORD

115011685

AMER SC NEW YORK
117 East 30th Street
New York, NY 10016
Toll Free (800) 705-5227
Phone (212) 679-8600
Fax (212) 679-9392

COMPANY: AMD Environmental	ADDRESS: 4248 Ridge Lea Road, Amherst, NY 14226	P.O.#:

PROJECT INFORMATION	ANALYSIS TYPE	TURNAROUND TIME (X) 6-8 HR	12 HR	24 HR	48 HR	72 HR	5 DAY	OTHER	AIR FILTER INFORMATION:	
JOB NAME: 38 HOLLOWAY BLVD	TEM/AHERA								MCE	
	TEM/LEVEL II								PC	
JOB NUMBER: 15012JW.A	TEM/BULK								25 mm	
	TEM/DUST								37 mm	
JOB MANAGER: Anthony DeMiglio	TEM/WATER								0.45 um	
	PCM	RUSH							0.80 um	
JOB DESCRIPTION: BULK SAMPLES	PLM	RUSH					X		TEM:	
	OTHER								OTHER:	

RESULTS TO: AMD Environmental	RETURN SAMPLES YES ____ NO X
EMAIL TO: JWolf@AMDEnv.com & SDunlap@AMDEnv.com	PHONE: 716-201-2772
INVOICE TO: AMD Environmental	FAX:
COMMENTS: NYS ELAP Positive Stop	SITE FAX:
	PAGER/CELL:

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME	X LITERS /MIN.	= TOTAL VOLUME	DATE COLLECTED
30,30A	FLOORING THROUGHOUT						1.21.15
31,31A,31B	JOINT COMPOUND						
32,32A,32B	DRYWALL						
39,39A	FLOORING L/R & HALLWAY						
40,40A	MASTIC " "						
41,41A	FLOORING KITCHEN						
42,42A	BASE COVE MASTIC						
44,44A,44B	JOINT COMPOUND						
45,45A,45B	DRYWALL						

SAMPLED BY: S Dunlap	DATE/TIME: 1.21.15	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY:	DATE/TIME:	RECEIVED IN LAB BY:	DATE/TIME:

RECEIVED
JAN 23 2015
By

Part 5: Firm Qualifications

New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

AMD Environmental Consultants, Inc.
Suite 16
4248 Ridge Lea Rd.

Amherst, NY 14226

FILE NUMBER: 10-56177
LICENSE NUMBER: 56177
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 10/30/2014
EXPIRATION DATE: 11/30/2015

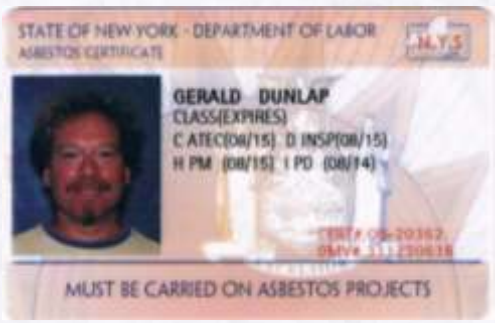
Duly Authorized Representative – Anthony DeMiglio:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko, Director
For the Commissioner of Labor

SH 432 (8/12)



Part 6: Lab Qualifications

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2015
Issued April 01, 2014

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

DR. THOMAS MCKEE
AMERISCI RICHMOND
13635 GENITO RD
MIDLOTHIAN, VA 23112

NY Lab Id No: 10984

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual
	EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual

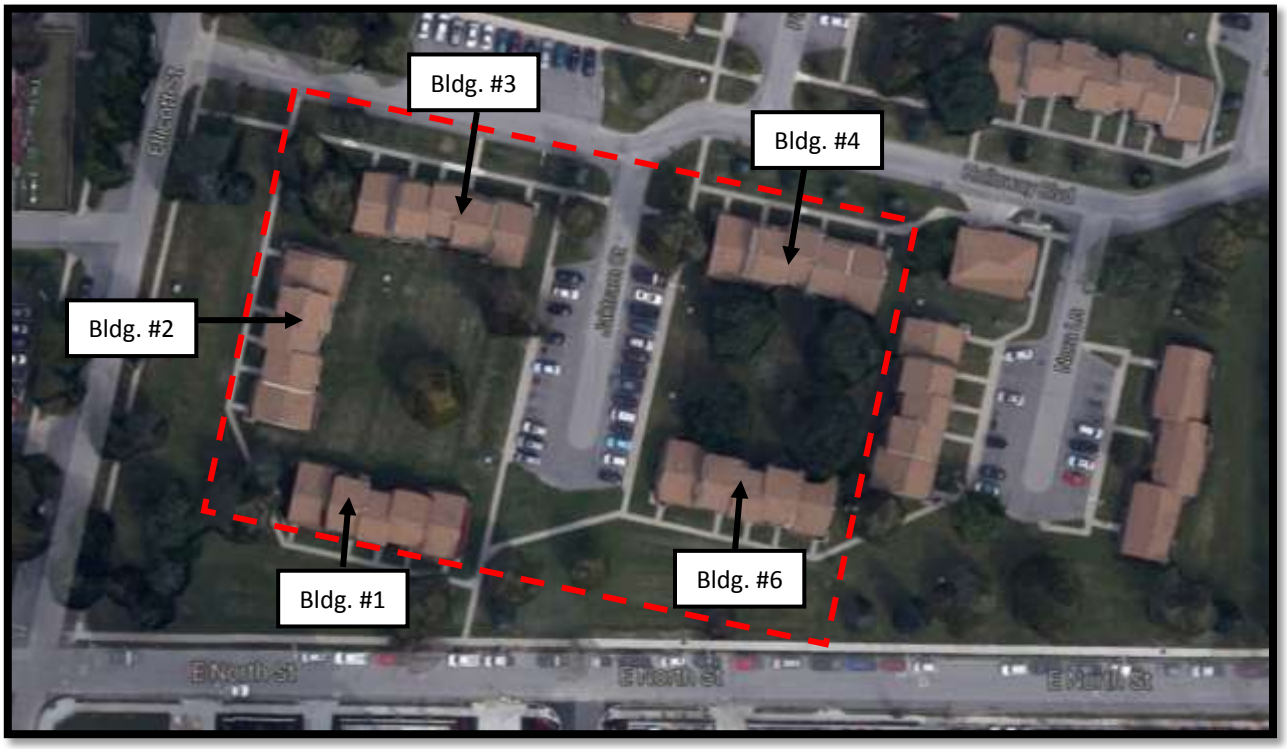
Serial No.: 50469

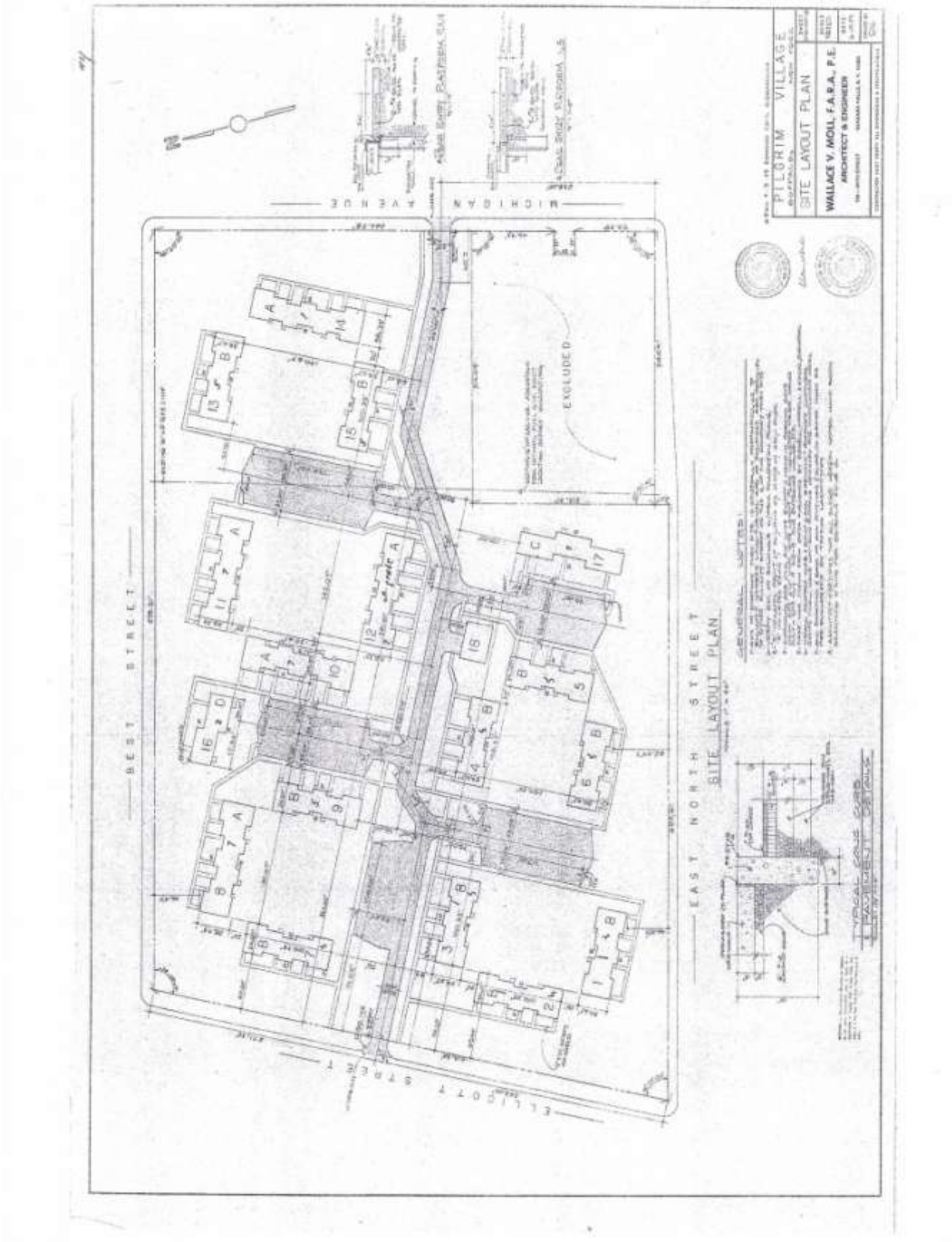
Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

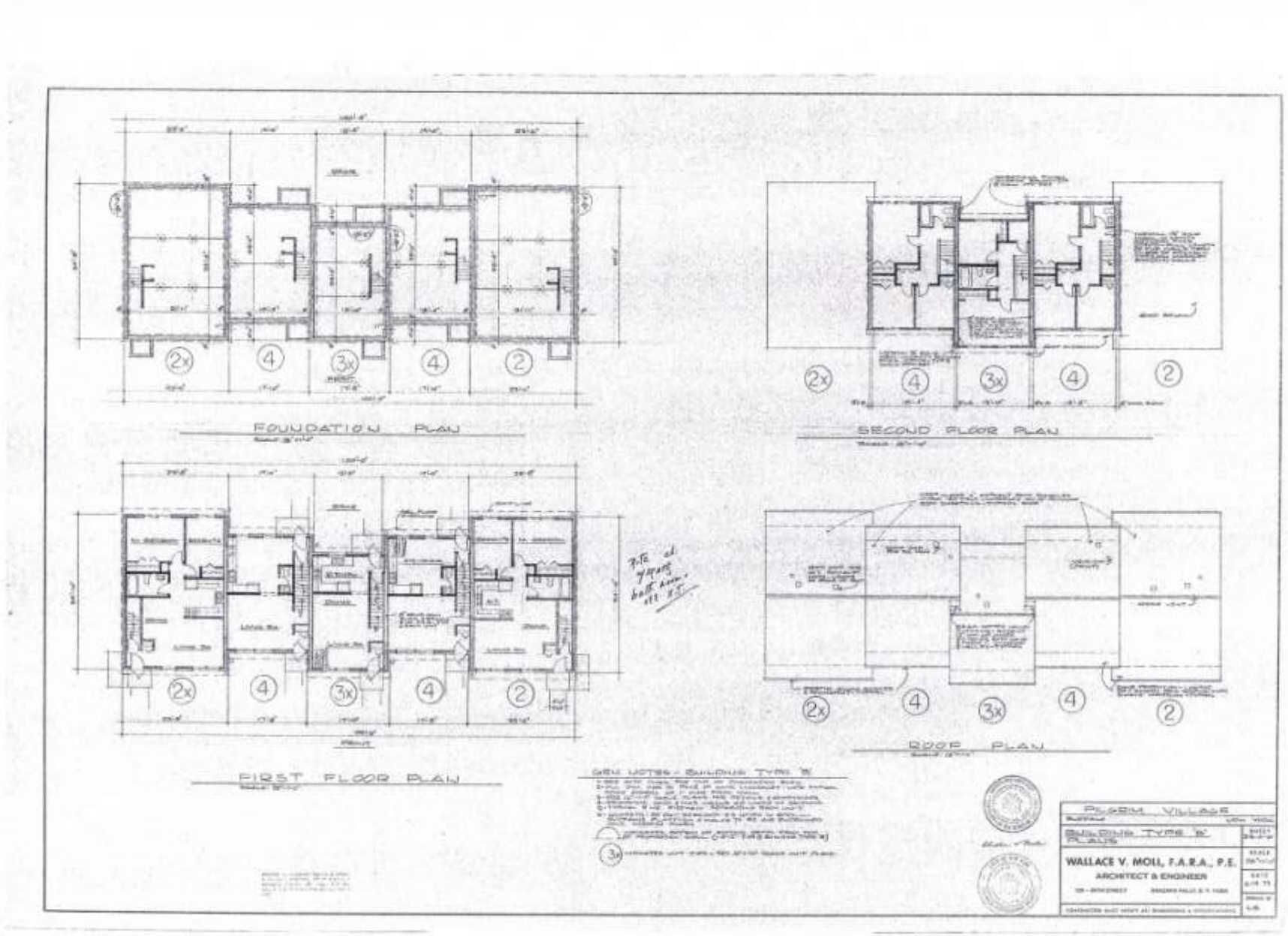
Page 1 of 1

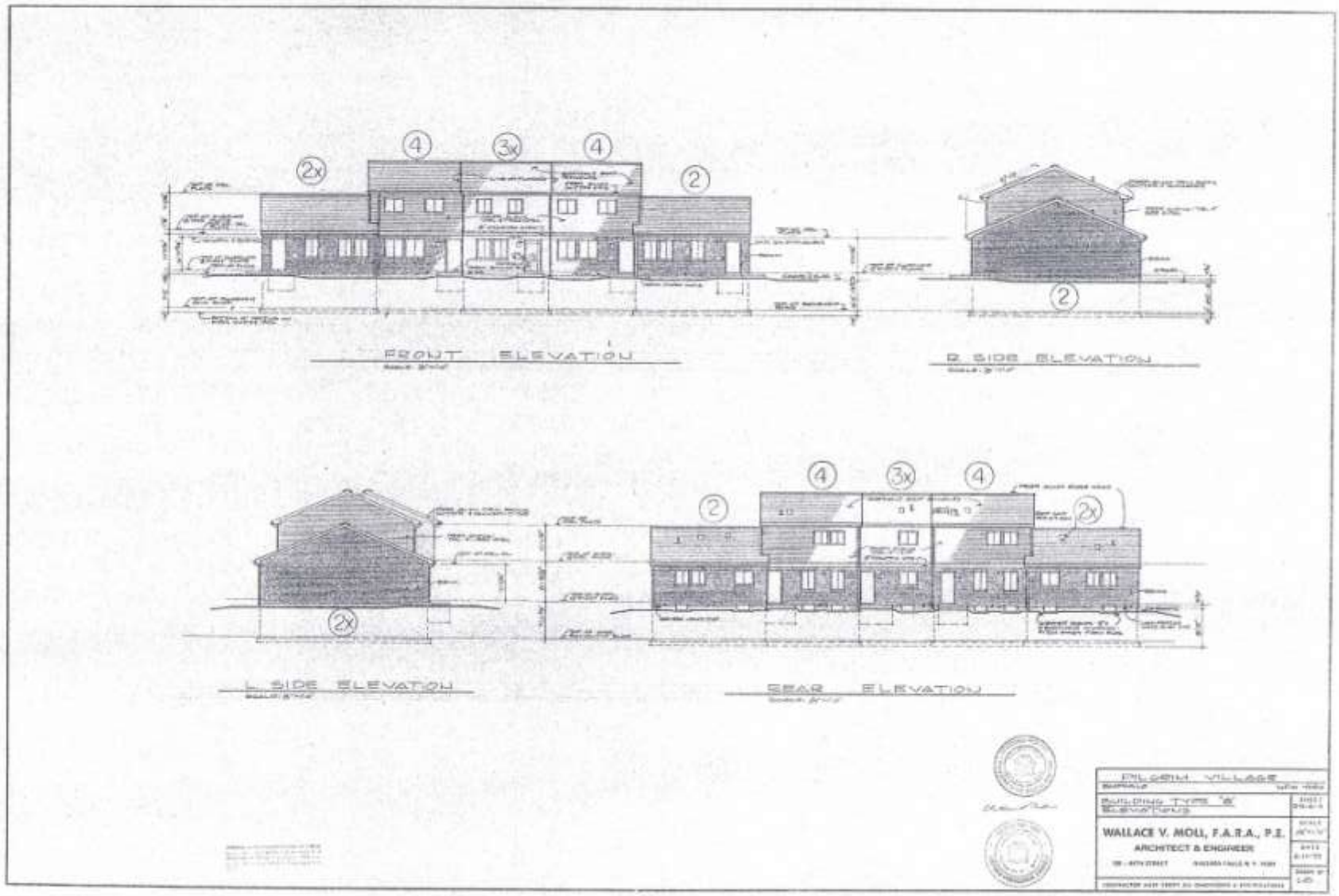
Appendix A: Site Map

Site Map Overview




PILGRIM VILLAGE
SITE LAYOUT PLAN
WALLACE V. MOLL, F.A.P.A., P.E.
ARCHITECT & ENGINEER
SITE LAYOUT PLAN
EXCLUDED
BEST STREET
EAST NORTH STREET
RICHIGAN AVENUE
ELLIOTT STREET


FOUNDATION PLAN
SECOND FLOOR PLAN
FIRST FLOOR PLAN
ROOF PLAN
PILGRIM VILLAGE
WALLACE V. MOLL, F.A.R.A., P.E.
ARCHITECT & ENGINEER


FRONT ELEVATION
R. SIDE ELEVATION
L. SIDE ELEVATION
REAR ELEVATION
PILGRIM VILLAGE
BUILDING TYPE "B"
ELEVATIONS
WALLACE V. MOLL, F.A.R.A., P.E.
ARCHITECT & ENGINEER

Appendix B: Site Pictures

Representative Linoleum, Floor Tiles and Mastic under flooring found in Buildings 1,2,3,4,6.

End of Report

Limited Polychlorinated Biphenyls (PCB) in Caulks/Sealants Sampling

Project Location:

Pilgrim Village Apartments
91 Nora Lane
Buffalo, NY 14209

Project ID: 20-1002DB-A

Conditions as of: October 2nd, 2020

Prepared for:

Connor M. Kenney
SAA/EVI
1631 Hertel Ave.
Buffalo, NY 14216

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
OFFICE (716) 833-0043 | FAX (716) 241-8689
www.amdenvironmental.com

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
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www.amdenvironmental.com

October 9, 2020

Connor M. Kenney
SAA/EVI
1631 Hertel Ave.
Buffalo, NY 14216

Re: Limited Polychlorinated Biphenyls (PCB) in Caulks/Sealants Sampling
Pilgrim Village Apartments
91 Nora Lane, Buffalo, NY 14209
AMD Project ID: 20-1002DB-A

Mr. Kenney:

I am pleased to present this summary of asbestos survey services at the above referenced address.

AMD Environmental Consultants conducted limited representative Polychlorinated Biphenyls (PCB) in caulks/sealants sampling in areas of planned renovations on the exterior door frames and window frames of representative units at the above referenced address on October 2nd, 2020. Polychlorinated Biphenyls (PCB'S) levels were not identified above the threshold limit. For more detail refer to the summary on page 5.

The sampling of Polychlorinated Biphenyls (PCBs) is enforced by the EPA with the authority of Section 6(e) of the Toxic Substances Control Act of 1976, a law that regulates newly introduces and pre-existing chemical substances and/or mixtures. Equipment including but not limited to transformers, capacitors, voltage regulators, hydraulic systems, as well as small capacitors in fluorescent light ballasts, and caulking compounds are required to undergo sampling and analysis to determine if PCB levels are below the regulated threshold provided by the EPA.

AMD Environmental Consultants, Inc. surveys are intended to determine, to a reasonable extent, the presence of Polychlorinated Biphenyls in solidified and/or liquefied state. The information contained herein is representative of conditions found onsite during the date/time this survey was conducted. Environmental conditions, renovation, vandalism, etc. may alter conditions from the date/time that this survey was conducted, potentially creating new hazards.

Please do not hesitate to contact me if I may provide any additional information.

Sincerely,

Anthony DeMiglio
President

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716 833-0043 Fax: 716 241-8689
www.amdenvironmental.com

Table of Contents

AMD Environmental Consultants, Inc.
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Buffalo, NY 14202
Office: 716 833-0043 Fax: 716 241-8689
www.amdenvironmental.com

1.0 Polychlorinated Biphenyls (PCB) Inspection

1.1 Introduction

AMD Environmental was retained by Connor M. Kenney to inspect representative units of Pilgrim Village Apartments in Buffalo, NY for the presence of caulking/sealant materials suspected of containing Polychlorinated Biphenyls (PCBs) in areas of planned renovations.

The information following this introduction details the amount of PCB in caulks present in this facility and the location of the PCB containing materials. Although the report is a comprehensive analysis of the PCB inspection work performed, it would be helpful to review all applicable federal, state and local rules, laws and regulations regarding the handling and treatment of PCB's.

The following is a list of suggested reading and information sources relating to PCB's:

- Compliance Monitoring Strategy for the Toxic Substances Control Act (TSCA)
- PCB Regulations: Part 761 in Title 40 of the Code of Federal Regulations
- Disposal of PCB Bulk Product : Part 761.62 in Title 40 of the Code of Federal Regulations
- New York State Department of Environmental Conservation - 6 NYCRR Part 371

AMD Environmental Consultants, Inc.
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Buffalo, NY 14202
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www.amdenvironmental.com

1.2 Executive Summary Results Table

Polychlorinated Biphenyls (PCB) in Caulks/Sealants Sampling Summary Table

Type	Location	Results (µg/kg)	Results reported In ppm	Hazardous Waste (Y/N)
Window/Door Caulk	Exterior of Unit 90 Pilgrim Village Apts.	< 384	<0.384	No
Window/Door Caulk	Exterior of Unit 46 Pilgrim Village Apts.	< 417	< 0.417	No
Window/Door Caulk	Exterior of Unit 68 Pilgrim Village Apts.	< 411	< 0.411	No

During the PCB sampling conducted on October 2nd. Three (3) representative samples were collected for analysis. The Laboratory analysis performed on samples revealed the following:

- **The window/door caulk materials sampled on the date of inspection were found to be below the 50 ppm threshold for PCB's by laboratory analysis.**

AMD Environmental Consultants, Inc.
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Buffalo, NY 14202
Office: 716 833-0043 Fax: 716 241-8689
www.amdenvironmental.com

1.3 Purpose

Polychlorinated Biphenyls (PCBs) are synthetic organic chemical compounds often sought out for the use of electric and heating equipment due to their chemical stability and inflammable properties. Products that contain PCB range from plasticizers and caulking products to oils used in paints and motor and hydraulic systems. Manufacturing of the man-made chemical ceased in 1977 when the United States ruled to ban the production of PBC for use in any commercial and industrial application. Prior to the ban, approximately 1.5 billion pounds of PCB products were produced in the United States.

PCBs are labeled as bio-accumulative toxins by cause of their harmful effects on human health, including the growth of malignant and benign tumors, fetal death, mutations, and liver disease. PCBs are formed by durable bonds that do not break down easily and are cycled through water, air, and soil systems when released into the environment. Contamination of this chemical has spread far and wide, and has been known to accumulate on above soil parts of plants and to be taken up by small organisms.

In 1976, United States Congress enacted Section 6(e) of the Toxic Substances Control Act (TSCA) to include prohibition and regulation of Polychlorinated Biphenyls (PBCs) among other chemical substrates and/or mixtures.

1.4 Methodology

AMD Environmental Consultants collected samples of at least 10g of Caulk/Sealant. Samples were recorded and handled according to strict chain-of-custody protocol sample sizes and submitted to a Schneider Laboratories Global, Inc. in Richmond, VA for analysis by EPA Method 8082.

Materials with PCB levels <50 ppm for bulk and <10 ug/100cm2 for surface concentrations are effectively regulated in the same way under C.F.R. part 761. If concentrations are above these limits, the waste is considered to be hazardous wastes and will need to be disposed of appropriately and accordingly to federal regulation. This does not include small capacitors as defined in paragraph (3) of NYCRR Part 371 and PCB Articles drained in accordance with subparagraphs (2)(ii) and (iii) of Part 371 Section (e).

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
O: 716 833-0043 | F:716 241-8689
www.amdenvironmental.com

2.0 Laboratory Results

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: AMD Environmental Consultants (4689)
Address: 712 Main St
Suite L1
Buffalo, NY 14202

Attn:

Project: Pilgrim Village
Location: 91 Nora Lane, Buffalo, NY
Number: 20-1002 DB-A

Order #: 388883

Matrix Bulk
Received 10/06/20
Reported 10/07/20

PO Number:

Sample ID / Parameter	Cust. Sample ID / Method	Result	RL*	Units	Analysis Date	Analyst
388883-001	600-1					
Semi-volatile Organic Compounds						
Aroclor - 1016	SW846 8082A	**<384**	383	µg/kg	10/06/20	THN
Aroclor - 1221	SW846 8082A	**<384**	383	µg/kg	10/06/20	THN
Aroclor - 1232	SW846 8082A	**<384**	383	µg/kg	10/06/20	THN
Aroclor - 1242	SW846 8082A	**<384**	383	µg/kg	10/06/20	THN
Aroclor - 1248	SW846 8082A	**<384**	383	µg/kg	10/06/20	THN
Aroclor - 1254	SW846 8082A	**<384**	383	µg/kg	10/06/20	THN
Aroclor - 1260	SW846 8082A	**<384**	383	µg/kg	10/06/20	THN
Aroclor - 1262	SW846 8082A	**<384**	383	µg/kg	10/06/20	THN
Aroclor - 1268	SW846 8082A	**<384**	383	µg/kg	10/06/20	THN
PCB - Surrogate Recoveries						
DCB	MI					
TCMX	89%					
388883-002	600-2					
Semi-volatile Organic Compounds						
Aroclor - 1016	SW846 8082A	**<417**	417	µg/kg	10/06/20	THN
Aroclor - 1221	SW846 8082A	**<417**	417	µg/kg	10/06/20	THN
Aroclor - 1232	SW846 8082A	**<417**	417	µg/kg	10/06/20	THN
Aroclor - 1242	SW846 8082A	**<417**	417	µg/kg	10/06/20	THN
Aroclor - 1248	SW846 8082A	**<417**	417	µg/kg	10/06/20	THN
Aroclor - 1254	SW846 8082A	**<417**	417	µg/kg	10/06/20	THN
Aroclor - 1260	SW846 8082A	**<417**	417	µg/kg	10/06/20	THN
Aroclor - 1262	SW846 8082A	**<417**	417	µg/kg	10/06/20	THN
Aroclor - 1268	SW846 8082A	**<417**	417	µg/kg	10/06/20	THN
PCB - Surrogate Recoveries						
DCB	84%					
TCMX	99%					

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = µg/kg and Water PPM = mg/L | PPB = µg/L. The test results reported relate only to the samples submitted.

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: AMD Environmental Consultants (4689)
Address: 712 Main St
Suite L1
Buffalo, NY 14202

Attn:

Project: Pilgrim Village
Location: 91 Nora Lane, Buffalo, NY
Number: 20-1002 DB-A

Order #: 388883

Matrix Bulk
Received 10/06/20
Reported 10/07/20

PO Number:

Sample ID / Parameter	Cust. Sample ID / Method	Result	RL*	Units	Analysis Date	Analyst
388883-003	600-3					
Semi-volatile Organic Compounds						
Aroclor - 1016	SW846 8082A	**<411**	410	µg/kg	10/06/20	THN
Aroclor - 1221	SW846 8082A	**<411**	410	µg/kg	10/06/20	THN
Aroclor - 1232	SW846 8082A	**<411**	410	µg/kg	10/06/20	THN
Aroclor - 1242	SW846 8082A	**<411**	410	µg/kg	10/06/20	THN
Aroclor - 1248	SW846 8082A	**<411**	410	µg/kg	10/06/20	THN
Aroclor - 1254	SW846 8082A	**<411**	410	µg/kg	10/06/20	THN
Aroclor - 1260	SW846 8082A	**<411**	410	µg/kg	10/06/20	THN
Aroclor - 1262	SW846 8082A	**<411**	410	µg/kg	10/06/20	THN
Aroclor - 1268	SW846 8082A	**<411**	410	µg/kg	10/06/20	THN
PCB - Surrogate Recoveries						
DCB	MI					
TCMX	88%					

388883-10/07/20 01:15 PM

Reviewed By: **Jennifer Lee**
Manager

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = µg/kg and Water PPM = mg/L | PPB = µg/L. The test results reported relate only to the samples submitted.

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: AMD Environmental Consultants (4689)
Address: 712 Main St
Suite L1
Buffalo, NY 14202

Attn:

Project: Pilgrim Village
Location: 91 Nora Lane, Buffalo, NY
Number: 20-1002 DB-A

Order #: 388883

Matrix Bulk
Received 10/06/20
Reported 10/07/20

PO Number:

Sample ID / Parameter	Cust. Sample ID / Method	Location	Result	RL*	Units	Analysis Date	Analyst

State Certifications

Method	Parameter	New York	Virginia
SW846 8082A	Aroclor - 1016	ELAP Certified	VELAP Certified
SW846 8082A	Aroclor - 1221	ELAP Certified	VELAP Certified
SW846 8082A	Aroclor - 1232	ELAP Certified	VELAP Certified
SW846 8082A	Aroclor - 1242	ELAP Certified	VELAP Certified
SW846 8082A	Aroclor - 1248	ELAP Certified	VELAP Certified
SW846 8082A	Aroclor - 1254	ELAP Certified	VELAP Certified
SW846 8082A	Aroclor - 1260	ELAP Certified	VELAP Certified
SW846 8082A	Aroclor - 1262	ELAP Certified	VELAP Certified
SW846 8082A	Aroclor - 1268	ELAP Certified	VELAP Certified

State	Certificate Number
New York	ELAP 61372
Virginia	VELAP 10779

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = µg/kg and Water PPM = mg/L | PPB = µg/L. The test results reported relate only to the samples submitted.

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
O: 716 833-0043 | F:716 241-8689
www.amdenvironmental.com

3.0 Chain of Custody

SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com e-mail: info@slabinc.com

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fghraizi 10/6/2020 10:32:21 AM
Federal Express 816061930217

Submitting Co:	AMD Environmental	Lab WO#		Phone	
	712 Main Street	Acct #		Fax \ Email	
	Buffalo, NY 14202	**State of Collection		**Cert. Required	☐ Yes ☐ No
Project Name:	Pilgrim Village				
Project Location:	91 Nora Lane Buffalo, NY				
Project Number:	20-1002DBA-1				
Purchase Order #					
TAT Requested (Business Day)	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ 5 ☐ 10				

Special Instructions [include requests for special reporting or data packages]

Sample #	**Date Sampled	**Time Sampled	# Containers	Lab Use: Chlorine (Cl)	Lab Use: Temp *	Lab Use: pH	Matrix: Drinking Water	Matrix: Waste Water	Matrix: Ground Water	Matrix: Soil / Sludge	Matrix: Wipe	Matrix: Oil or Air	Matrix: Bulk	Analysis Request: BTEX ☐ MTBE ☐ Naphthalene ☐	Purgeable Aromatics 8021 ☐	Petrol Hydrocarbons GC 8015M Diesel ☐ 8015M Gas ☐	TPH 418.1 ☐	Corrosivity ☐ Reactivity ☐ Flashpoint, Closed Cup ☐	Volatile Organics 624 ☐ 8260 ☐	Semivolatile Organics 625 ☐ 8270 ☐	PAHs 610 ☐ 8270 ☐ 8310 By HPLC ☐	TCLP Semi-Vols ☐ BNAs ☐ Pest ☐ Herb ☐ VOAs ☐ Full ☐	Pesticides 608 ☐ 8081 ☐ Herbicides 8151 ☐ PCB's 8082 ☒	Other	
600-1																						✓		
600-2																						✓		
600-3																						✓		

All soil and aqueous samples must be sent in adequate quantity for duplicate analysis to be performed per EPA requirements. Failure to perform a sample duplicate analysis, due to a lack of sample quantity, will lead to a disclaimer on the report.

Sampled by	Relinquished to lab by	Sample Disposal
NAME David Batt	NAME David Batt	If samples over req. weight (Refer to Fee Schedule)
SIGNATURE [signature]	SIGNATURE [signature]	☐ Return to Sender (Shipping fees)
DATE/TIME 10/2/20	DATE/TIME 10/2/20	☐ Disposal by lab ($50 fee)

Shipping Methods: ☐ FX ☐ UPS ☐ USM ☐ HD ☐ DB

WB: _____

Preserved ☐ Yes ☐ No ☐ Ambient temp ☐ Ice ☐ R ☐ S ☐ X ☐ Receive a physical copy of report.

* Temperature taken with IR Gun A **Required.

Chain-of-Custody documentation continued internally within lab. Terms and conditions page 2.

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
O: 716 833-0043 | F:716 241-8689
www.amdenvironmental.com

Appendix A- Laboratory Certification

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2021
Issued April 01, 2020

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. FAYEZ ABOUZAKI
SCHNEIDER LABORATORIES GLOBAL, INC
2512 WEST CARY STREET
RICHMOND, VA 23220-5117

NY Lab Id No: 11413

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Metals I	
Barium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
Cadmium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
Calcium, Total	EPA 6010D
Chromium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
Copper, Total	EPA 6010D
Iron, Total	EPA 6010D
Lead, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
	EPA 7000B
	EPA 200.9 Rev. 2.2 (1994)
Magnesium, Total	EPA 6010D
Manganese, Total	EPA 6010D
Nickel, Total	EPA 6010D
Potassium, Total	EPA 6010D
Silver, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
Sodium, Total	EPA 6010D
Metals II	
Aluminum, Total	EPA 6010D
Antimony, Total	EPA 6010D
Arsenic, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D

Metals II	
Beryllium, Total	EPA 6010D
Mercury, Total	EPA 245.1, Rev. 3.0 (1994)
	EPA 7470A
Selenium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010D
Vanadium, Total	EPA 6010D
Zinc, Total	EPA 6010D
Metals III	
Cobalt, Total	EPA 6010D
Molybdenum, Total	EPA 6010D
Thallium, Total	EPA 6010D
Tin, Total	EPA 6010D
Titanium, Total	EPA 6010D
Sample Preparation Methods	
	EPA 3010A
	EPA 3005A
	EPA 3020A

NEW YORK STATE Department of Health

Serial No.: 61371

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NELAP RECOGNIZED TNI ACCREDITATION BODY

Page 1 of 1

APPENDIX H

RI FISH AND WILDLIFE RESOURCES IMPACT ANALYSIS

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Appendix 3C **Fish and Wildlife Resources Impact Analysis Decision Key**	If YES Go to:	If NO Go to:
1. Is the site or area of concern a discharge or spill event?	13	2
2. Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13	3
3. Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4	9
4. Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5
5. Has the contamination gone off-site?	6	14
6. Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7	14
7. Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8
8. Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14
9. Does the site or any adjacent or downgradient property contain any of the following resources? i. Any endangered, threatened or special concern species or rare plants or their habitat ii. Any DEC designated significant habitats or rare NYS Ecological Communities iii. Tidal or freshwater wetlands iv. Stream, creek or river v. Pond, lake, lagoon vi. Drainage ditch or channel vii. Other surface water feature viii. Other marine or freshwater habitat ix. Forest x. Grassland or grassy field xi. Parkland or woodland xii. Shrubby area xiii. Urban wildlife habitat xiv. Other terrestrial habitat	11	10
10. Is the lack of resources due to the contamination?	3.10.1	14
11. Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14	12
12. Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	12
13. Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.)	Section 3.10.1	14
14. No Fish and Wildlife Resources Impact Analysis needed.		

APPENDIX I

ALTERNATIVE COST ESTIMATES

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

PILGRIM VILLAGE FAMILY
REMEDIAL ALTERNATIVE COST ESTIMATES

ALTERNATIVE 1- REMDIATE TO TRACK 1 - UNRESTRICTED USE			
Item	**Unit Cost**	**Quantity**	**Total**
Mobilization/Demobilization (LS)	$10,000	1	$10,000
Excavation/Transport/Disposal at Landfill (LS)	$1,600,000	1	$1,600,000
Disposal Sampling (LS)	$40,000	1	$40,000
Imported Clean Fill Assess Sampling (LS)	$25,000	1	$25,000
Import/Place Clean Fill (Tons)	$25	31360	$784,000
Groundwater Treatment (LS)	$100,000	1	$100,000
Building Demolition & Asbestos Removal	$250,000	1	$250,000
Remediation Total			**$2,809,000**
Engineering			**$197,325**
Total Cost	**$3,006,325.00**		

Assumptions:

1) Excavation of 5' of impacted soil to unrestricted SCOs and all assumed non-hazardous (2.67 Ac Total)

2) Backfill excavation green space areas with clean approved offsite fill and clean fill to the bottom of the hardscape minimum 1' asphalt/concrete.

3) Asssume existing buildings to be demolished and minimal groundwater tretment required.

ALTERNATIVE 2- REMEDIATE TO TRACK 2 - RESIDENTIAL			
Item	**Unit Cost**	**Quantity**	**Total**
Mobilization/Demobilization (LS)	$10,000	1	$10,000
Excavation/Transport/Disposal at Landfill (LS)	$1,300,000	1	$1,300,000
Disposal Sampling (LS)	$40,000	1	$40,000
Imported Clean Fill Assess Sampling (LS)	$25,000	1	$25,000
Import/Place Clean Fill (Tons)	$25	25000	$625,000
Groundwater Monitoring or Control (LS)	$30,000	1	$30,000
Building Demolition & Asbestos Removal	$250,000	1	$250,000
Remediation Total			**$2,280,000**
Engineering			**$197,325**
Total Cost	**$2,477,325**		

Assumptions:

1) Excavation of up to 5' of impacted soil to Residential SCOs and all assumed non-hazardous (2.67 Ac Total)

2) Backfill excavation green space areas with clean approved offsite fill and clean fill to the bottom of the hardscape minimum 1' asphalt/concrete.

3) Asssume existing buildings to be demolished and only groundwater control/monitoring required.

PILGRIM VILLAGE FAMILY
REMEDIAL ALTERNATIVE COST ESTIMATES

ALTERNATIVE 3- REMEDIATE TO TRACK 4 - RESTRICTED RESIDENTIAL			
Item	**Unit Cost**	**Quantity**	**Total**
Mobilization/Demobilization (LS)	$10,000	1	$10,000
Excavation/Transport/Disposal at Landfill (Tons)	$650,000	1	$650,000
Disposal Sampling (LS)	$12,000	1	$12,000
Imported Clean Fill Assess Sampling (LS)	$11,000	1	$11,000
Import/Place Clean Fill (Tons)	$25	7500	$187,500
Hardscape (SF)	$4	45200	$180,800
Building Demolition & Asbestos Removal	$250,000	1	$250,000
Remediation Total			**$1,301,300**
Engineering			**$197,325**
Total Cost	**$1,498,625**		

Assumptions:

1) Excavation of 2' of impacted soil green-space areas and excavate 1' from future hardscape areas and all assumed non-hazardous (2.96 Ac Total)

2) Backfill excavation green space areas with clean approved offsite fill and clean fill to the bottom of the hardscape minimum 1' asphalt/concrete.

3) Asssume existing buildings to be demolished and minimal groundwater tretment required.

APPENDIX J

RI CAMP DUST DATA

BE3CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Work Location Map

Site Name: Pilgrim Village **Date: Monday, January 11th, 2021**

Work Location/Dust Monitor Location Map

LEGEND

- Up — Dust Monitor Location (Upwind)
- Dn — Dust Monitor / PID Location (Downwind)
- Work Location

Site Name: Pilgrim Village **Date:** Monday, January 11th, 2021

Upwind Data

Model:	Guardian 2
Serial Number:	0504671
Start Date/Time:	1/11/21 10:10 AM
Duration	2:10

Date / Time	PM10 15min Avg (µg/m³)
1/11/2021 10:10	19.3
1/11/2021 10:20	10.3
1/11/2021 10:30	11
1/11/2021 10:40	11.5
1/11/2021 10:50	9.8
1/11/2021 11:00	9.5
1/11/2021 11:10	13.2
1/11/2021 11:20	15
1/11/2021 11:30	11.7
1/11/2021 11:40	8.6
1/11/2021 11:50	9.5
1/11/2021 12:00	9.5
1/11/2021 12:10	11.8
1/11/2021 12:20	11.3

Site Name: Pilgrim Village **Date:** Monday, January 11th 2021

Downwind Data

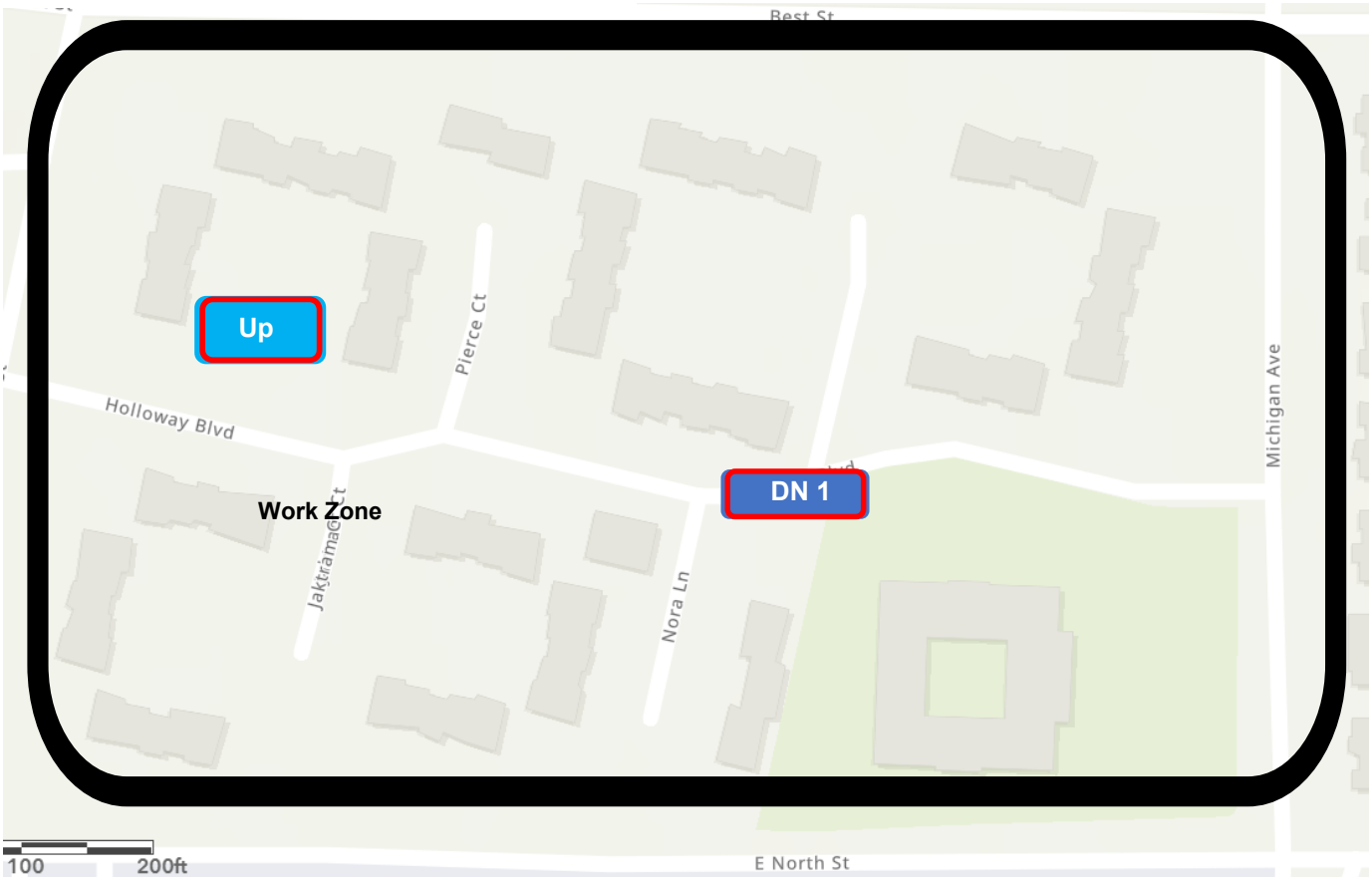
Model:	Guardian 2
Serial Number:	0504672
Start Date/Time:	1/11/21 10:10 AM
Duration	2:00

Date/Time	PM10 15min Average (µg/m³)
1/11/2021 10:10	5.3
1/11/2021 10:20	5.7
1/11/2021 10:30	6.8
1/11/2021 10:40	8.2
1/11/2021 10:50	7.6
1/11/2021 11:00	7.6
1/11/2021 11:10	9.7
1/11/2021 11:20	9.3
1/11/2021 11:30	8.1
1/11/2021 11:40	6
1/11/2021 11:50	5.4
1/11/2021 12:00	5.3
1/11/2021 12:10	7.2

Work Location Map

Site Name: Pilgrim Village **Date: Tuesday, January 19th, 2021**

Work Location/Dust Monitor Location Map



LEGEND

- Up — Dust Monitor Location (Upwind)
- Dn — Dust Monitor / PID Location (Downwind)
- Work Location

Site Name: Pilgrim Village **Date:** Tuesday, January 19th, 2021

Upwind Data

Model:	Guardian 2
Serial Number:	0504671
Start Date/Time:	1/19/21 9:30 AM
Duration	5:00

Date / Time	PM10 15min Avg (µg/m³)
1/19/2021 9:30	59.1
1/19/2021 9:40	12.8
1/19/2021 9:50	11.1
1/19/2021 10:20	9
1/19/2021 10:30	10.1
1/19/2021 10:40	8.3
1/19/2021 10:50	13
1/19/2021 11:00	7.9
1/19/2021 11:10	7.9
1/19/2021 11:20	7.6
1/19/2021 11:30	7.7
1/19/2021 11:40	8.4
1/19/2021 11:50	7.8
1/19/2021 12:00	40.8
1/19/2021 12:10	8.7
1/19/2021 12:20	9.3
1/19/2021 12:30	50
1/19/2021 12:40	18.3
1/19/2021 12:50	10.4
1/19/2021 13:00	16.9
1/19/2021 13:10	16
1/19/2021 13:20	18.3
1/19/2021 13:30	5.8
1/19/2021 13:40	4.6
1/19/2021 13:50	4.1
1/19/2021 14:00	3.4
1/19/2021 14:10	4.2
1/19/2021 14:20	3.4
1/19/2021 14:30	3.8

Site Name: Pilgrim Village **Date:** Tuesday, January 19th 2021

Downwind Data

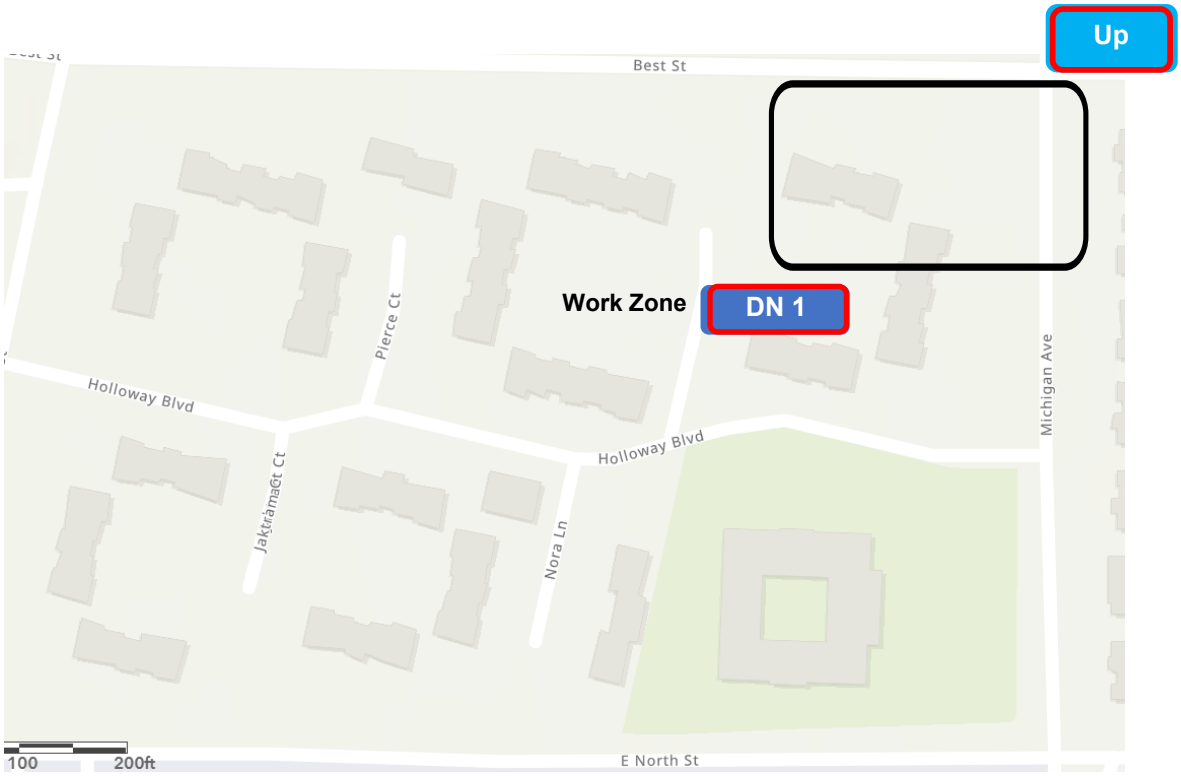
Model:	Guardian 2
Serial Number:	0504672
Start Date/Time:	1/19/21 9:30 AM
Duration	5:00

Date/Time	PM10 15min Average (µg/m³)
1/19/2021 9:30	8.2
1/19/2021 9:40	6.1
1/19/2021 9:50	5.8
1/19/2021 10:20	4.2
1/19/2021 10:30	3.9
1/19/2021 10:40	3.6
1/19/2021 10:50	3.8
1/19/2021 11:00	3.7
1/19/2021 11:10	4.1
1/19/2021 11:20	4.5
1/19/2021 11:30	7.2
1/19/2021 11:40	5.3
1/19/2021 11:50	4.7
1/19/2021 12:00	5.6
1/19/2021 12:10	5.2
1/19/2021 12:20	4.8
1/19/2021 12:30	6.3
1/19/2021 12:40	10.3
1/19/2021 12:50	7.7
1/19/2021 13:00	5.5
1/19/2021 13:10	5
1/19/2021 13:20	3.9
1/19/2021 13:30	3.9
1/19/2021 13:40	3.6
1/19/2021 13:50	3.8
1/19/2021 14:00	3.6
1/19/2021 14:10	3.5
1/19/2021 14:20	3
1/19/2021 14:30	3.7

Work Location Map

Site Name: Pilgrim Village **Date: Wednesday, February 3rd, 2021**

Work Location/Dust Monitor Location Map



LEGEND

- Up — Dust Monitor Location (Upwind)
- Dn — Dust Monitor / PID Location (Downwind)
- Work Location

Site Name: Pilgrim Village **Date:** Wednesday, February 3rd, 2021

Upwind Data

Model:	Guardian 2
Serial Number:	0504671
Start Date/Time:	2/3/21 9:20 AM
Duration	2:30

Date / Time	PM10 15min Avg (µg/m³)
2/3/2021 9:20	5.9
2/3/2021 9:30	4.7
2/3/2021 9:40	5.6
2/3/2021 9:50	6.2
2/3/2021 10:00	7.8
2/3/2021 10:10	7.3
2/3/2021 10:20	7.1
2/3/2021 10:30	8.2
2/3/2021 10:40	9.3
2/3/2021 10:50	10.5
2/3/2021 11:00	11
2/3/2021 11:10	10.8
2/3/2021 11:20	9.7
2/3/2021 11:30	8.4
2/3/2021 11:40	6.8
2/3/2021 11:50	7.9

Site Name: Pilgrim Village **Date:** Wednesday, February 3rd 2021

Downwind Data

Model:	Guardian 2
Serial Number:	0504672
Start Date/Time:	2/3/21 9:20AM
Duration	2:30

Date/Time	PM10 15min Average (µg/m³)
2/3/2021 9:20	2.6
2/3/2021 9:30	2.2
2/3/2021 9:40	2.4
2/3/2021 9:50	2.6
2/3/2021 10:00	2.8
2/3/2021 10:10	3.8
2/3/2021 10:20	4.8
2/3/2021 10:30	6.5
2/3/2021 10:40	7.5
2/3/2021 10:50	8.6
2/3/2021 11:00	6.8
2/3/2021 11:10	6.5
2/3/2021 11:20	5.9
2/3/2021 11:30	5.7
2/3/2021 11:40	4.8
2/3/2021 11:50	5.2