ENVIRONMENTAL SITE ASSESSMENT

PHASE II
PILGRIM VILLAGE 2 – SENIOR SITE
BUFFALO, NEW YORK

Prepared for:
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May 2020

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

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1.0 INTRODUCTION

1.1 PURPOSE

Brydges Environment, Engineering, Energy/Panamerican Environmental, Inc. (BE3) performed a subsurface environmental site assessment (ESA) at the property just west of 1100 Michigan Avenue, Buffalo NY (see **Figure 1**). The property is referred to as Pilgrim Village Phase II Senior Site and is a portion of the Pilgrim Village residential apartment complex. This assessment was relegated to the specific area of the complex pertinent to future re-development by the client as a complex for residential units for a seniors complex and is shown on the attached figures. 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 just west of the southwest corner of Best and Michigan Streets. The entire complex has a total area of approximately 7.9 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 Best 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 adjacent 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 adjacent property. The primary contaminants associated with impacted fill or urban fill are specific SVOCs, mainly Polyaromatic hydrocarbon compounds (PAHs) and metals.

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. Thirteen near surface soil samples were collected at locations across the property. Eleven of these 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 thirteen (13) locations with eleven (11) of those chosen for laboratory analysis. 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-14 through BH-26 were advanced at specific locations across the property (refer to attached **Figure 2**). Note, the bore hole numbers were started at BH-14 so as not to confuse them with a recently completed boring program on the adjacent eastern part of the Pilgrim Village property which had borehole numbers from BH-1 through BH-13. 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 April 20, 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 eleven (11) subsurface/near-surface soil samples were collected in the fill material as follows:

- BH-14 at 0.5-2 feet bgs. Total depth of boring was 12 feet bgs into native reddish-brown clay. Fill was observed to 2.5-foot bgs and then sand which may be native or part of asphalt parking base
- BH-15 at 0-1 feet bgs. Total depth of boring was 12 feet bgs into native reddish-brown clay. Fill was observed to 3-foot bgs
- BH-16 at 0-1 feet bgs. Total depth of boring was 12 feet bgs into native reddish-brown clay. Fill was observed to 4-foot bgs
- BH-17 at 0-2 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 3-foot bgs
- BH-18 at 1-3 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay/silty sand. Fill was observed to 5-foot bgs
- BH-19 at 1-3 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 4-foot bgs
- BH-20 at 1-3 feet bgs –. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 5-foot bgs
- BH-21 at 1-3 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 4-foot bgs
- BH-22 No soil sample collected. Total depth of boring was 4 feet bgs – hit water line and ended drilling. Fill was observed to at least 4-foot bgs
- BH-23 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-24 at 1-3 feet bgs. Total depth of boring was 12 feet bgs into sandy gravel. Fill depth questionable at this location – appears to be at least 8 feet
- BH-25 at 0-2 feet bgs. Total depth of boring was 8 feet bgs into native reddish-brown clay. Fill was observed to 2-foot bgs
- BH-26 at 1-2 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 public utilities were located, and areas identified. Private utilities for the complex were not marked which resulted in encountering an apartment complex water line. 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, porcelain and cinder that varies in depth across the property ranging from 2 to 5 feet bgs with the exception of boring BH-24 that had fill as deep as 8 feet and possibly lower. 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 **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, porcelain, 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 results are presented in **Figure 2** along with exceedances from this assessment. 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** 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 previous C&S Engineering investigation 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 thirteen (13) boring locations shown on **Figure 2** however only eleven (11) were submitted to the laboratory for analysis. 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 eleven (11) subsurface soil samples only BH-17, BH-19 and BH-20 had SVOCs, mostly PAH compounds, above DEC SCOs. The PAHs Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluroranthene, Benzo(k)fluroranthene, Dibenz(a,h)anthracene, Chrysene, 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. All the borehole soil samples analyzed had levels above unrestricted SCOs for various metals including arsenic, copper, lead, mercury and zinc. Five (5) of the boreholes, BH-17, BH-18, BH-19, BH-20 and BH-25 were above unrestricted levels. Refer to **Table 1** for specific details on metal exceedances and concentrations/comparisons to SCOs.

Exceedances for metals from the Phase II ESA completed in 2019 above SCOs are presented on **Figure 2**.

4.0 CONCLUSIONS & RECOMMENDATIONS

The purpose of this assessment was to identify potential contamination in the near-surface soil at the property just west of 1100 Michigan Avenue, 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 five feet bgs across the property which the exception of BH-24 which was at 8 feet bgs. The fill material was typically found above 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.

May 8, 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-14 (0.5-2')	BH-16 (0-1')	BH-17 (0-2')	BH-18 (1-3')	BH-19 (1-3')	BH-20 (1-3')	BH-21 (1-3')	BH-22 (1-3')	BH-23 (0.5-2')	BH-25 (0-2')	BH-26 (1-2')	Unrestricted	Residential	Restricted Residential
Sample Date	4/20/20													
METALS														
Arsenic	4.33	7.44	8.84	11.40	11.10	14.20	5.98	4.84	3.99	7.99	5.34	13	16	16
Barium	16.3	89.9	430.0	278.0	132.0	215.0	108.0	114.0	99.7	178.0	151.0	350	350	400
Cadmium	0.38	0.72	0.39	1.58	0.75	1.23	0.49	0.40	0.33	0.86	0.61	2.5	2.5	4.3
Chromium	16.6	17.5	13.0	15.4	15.1	16.5	13.4	16.1	14.3	14.8	17.0	30	36	180
Copper	13.8	21.0	164	55.4	37.9	56.6	33.2	20.4	16.1	32.9	22.8	50	270	270
Lead	5.4	74.9	473	1650	710	852	239	135	72.6	705	200	63	400	400
Manganese	193.0	400.0	257.0	229.0	278.0	311.0	283.0	348.0	492.0	296.0	536.0	1600	2,000	2,000
Total Mercury	0.188	0.165	3.620	1.590	1.320	0.895	0.721	0.335	0.141	2.210	0.340	0.18	0.81	0.81
Nickel	17.2	18.8	11.2	14.5	13.5	15.1	12.0	13.2	11.3	12.8	15.7	30	140	310
Selenium	ND	ND	ND	ND	ND	ND	ND	1.16	1.87	ND	1.71	3.9	36	180
Silver	0.57	0.89	1.14	1.14	1.13	0.97	0.79	0.94	0.87	1.01	1.06	2	36	180
Zinc	20.7	99.4	186.0	339.0	249.0	328.0	136.0	117.0	111.0	489.0	183.0	109	2200	10,000
SEMIVOLATILE ORGANIC COMPOUNDS														
Acenaphthene	ND	ND	ND	ND	0.492	ND	ND	ND	ND	ND	ND	20	100	100
Anthracene	ND	ND	ND	ND	0.946	0.466	ND	ND	ND	ND	ND	100	100	100
Benz(a)anthracene	ND	ND	ND	0.365	2.47	1.08	ND	ND	ND	ND	ND	1	1	1
Benzo(a)pyrene	ND	ND	ND	0.354	2.30	0.929	ND	ND	ND	ND	ND	1	1	1
Benzo(b)fluoranthene	ND	ND	ND	0.344	1.58	0.788	ND	ND	ND	ND	ND	1	1	1
Benzo(g,h,i)perylene	ND	ND	ND	ND	0.948	0.582	ND	ND	ND	ND	ND	100	100	100
Benzo(k)fluoranthene	ND	ND	ND	ND	1.92	0.693	ND	ND	ND	ND	ND	0.8	1	3.9
Chrysene	ND	ND	ND	0.404	2.13	1.06	ND	ND	ND	ND	ND	1	1	3.9
Dibenz(a,h)anthracene	ND	ND	ND	ND	0.40	ND	ND	ND	ND	ND	ND	0.33	0.33	0.33
Fluoranthene	0.407	ND	0.773	0.632	3.40	1.97	0.457	ND	ND	ND	ND	100	100	100
Fluorene	ND	ND	ND	ND	0.512	ND	ND	ND	ND	ND	ND	30	100	100
Indeno(1,2,3-cd)pyrene	ND	ND	0.61	ND	0.908	0.451	ND	ND	ND	ND	ND	0.5	0.5	0.5
Phenanthrene	ND	ND	1.01	0.387	2.80	1.68	0.388	ND	ND	ND	ND	100	100	100
Pyrene	0.327	ND	0.612	0.545	3.10	1.72	0.349	ND	ND	ND	ND	100	100	100
PCBs/PESTICIDES														
Dibenzofuran	ND	ND	ND	ND	0.369	ND	ND	ND	ND	ND	ND	7	14	59

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

Figure – Boring Locations and Soil Sample Exceedances in ppm

Key: June 2019 C&S Soil Sampling Results

April 2020 BE3 Corp 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: 4/20/20

1. BH-14 location, east facing west

2. BH-14 location, north facing south

3. Soil cores BH-14

4. BH-15 location, east facing west

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BE3 Photolog

Date: 4/20/20

5. BH-15 location, north facing south

6. Soil cores BH-15

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7. BH-16 location, north facing south

8. BH-16 location, northeast facing southwest

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Date: 4/20/20

9. Soil cores BH-16

10. BH-17 location, north facing south

11. BH-17 location, northwest facing southeast

12. Soil cores BH-17

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Date: 4/20/20

13. BH-18 location, east facing west

14. BH-18 location, north facing south

15. Soil cores BH-18

16. BH-19 location, west facing east

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Date: 4/20/20

17. BH-19 location, east facing west

18. Soil cores BH-19

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19. BH-20 location, east facing west

20. BH-20 location, south facing north

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Date: 4/20/20

21. Soil cores BH-20

22. BH-21 location, north facing south

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23. BH-21 location, east facing west

24. Soil cores BH-21

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25. BH-22 location, north facing south

26. BH-22 location, east facing west

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27. Soil cores BH-22

28. BH-23 location, north facing south

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29. BH-23 location, east facing west

30. Soil cores BH-23

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31. BH-24 location, east facing west

32. BH-24 location, south facing north

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Date: 4/20/20

33. Soil cores BH-24

34. Soil cores BH-24

35. BH-25 location, west facing east

36. BH-25 location, north facing south

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Date: 4/20/20

37. Soil cores BH-25

38. BH-26 location, east facing west

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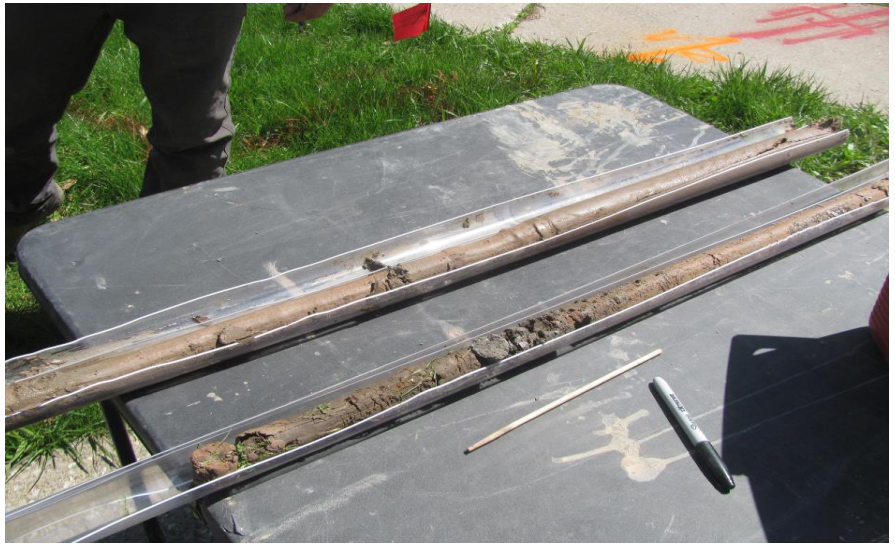
39. BH-26 location, southeast facing northwest



40. Soil cores BH-26

BE3 Photolog

Date: 4/20/20

41. BH-22 location, copper water line burst

42. BH-22 location, excavator digging to broken pipe

43. BH-22 location, broken copper pipe exposed

44. BH-22 location, broken copper pipe exposed

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Date: 4/20/20

45. BH-22 location, copper pipe fixed

46. BH-22 location, excavator filling in hole

47. BH-22 location, hole filled and graded

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APPENDIX 2

LAB DATA

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

BE3

For Lab Project ID

201697

Referencing

Pilgrim Village 2

Prepared

Tuesday, April 28, 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

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-14 0.5-2 Ft		
Lab Sample ID:	201697-01	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**4.33**	mg/Kg		4/24/2020 17:59
Barium	**16.3**	mg/Kg		4/24/2020 17:59
Beryllium	< 0.260	mg/Kg		4/24/2020 17:59
Cadmium	**0.376**	mg/Kg		4/24/2020 17:59
Chromium	**16.6**	mg/Kg		4/24/2020 17:59
Copper	**13.8**	mg/Kg		4/24/2020 17:59
Lead	**5.41**	mg/Kg	M	4/24/2020 17:59
Manganese	**193**	mg/Kg		4/24/2020 17:59
Nickel	**17.2**	mg/Kg	M	4/24/2020 17:59
Selenium	< 5.21	mg/Kg		4/27/2020 16:53
Silver	**0.567**	mg/Kg		4/24/2020 17:59
Zinc	**20.7**	mg/Kg		4/27/2020 15:45

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.188**	mg/Kg		4/23/2020 09:17

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 287	ug/Kg		4/23/2020 13:55
1,2,4,5-Tetrachlorobenzene	< 287	ug/Kg		4/23/2020 13:55
1,2,4-Trichlorobenzene	< 287	ug/Kg		4/23/2020 13:55
1,2-Dichlorobenzene	< 287	ug/Kg		4/23/2020 13:55

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-14 0.5-2 Ft		
Lab Sample ID:	201697-01	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 287	ug/Kg	4/23/2020	13:55
1,4-Dichlorobenzene	< 287	ug/Kg	4/23/2020	13:55
2,2-Oxybis (1-chloropropane)	< 287	ug/Kg	4/23/2020	13:55
2,3,4,6-Tetrachlorophenol	< 287	ug/Kg	4/23/2020	13:55
2,4,5-Trichlorophenol	< 287	ug/Kg	4/23/2020	13:55
2,4,6-Trichlorophenol	< 287	ug/Kg	4/23/2020	13:55
2,4-Dichlorophenol	< 287	ug/Kg	4/23/2020	13:55
2,4-Dimethylphenol	< 287	ug/Kg	4/23/2020	13:55
2,4-Dinitrophenol	< 1150	ug/Kg	4/23/2020	13:55
2,4-Dinitrotoluene	< 287	ug/Kg	4/23/2020	13:55
2,6-Dinitrotoluene	< 287	ug/Kg	4/23/2020	13:55
2-Chloronaphthalene	< 287	ug/Kg	4/23/2020	13:55
2-Chlorophenol	< 287	ug/Kg	4/23/2020	13:55
2-Methylnapthalene	< 287	ug/Kg	4/23/2020	13:55
2-Methylphenol	< 287	ug/Kg	4/23/2020	13:55
2-Nitroaniline	< 287	ug/Kg	4/23/2020	13:55
2-Nitrophenol	< 287	ug/Kg	4/23/2020	13:55
3&4-Methylphenol	< 287	ug/Kg	4/23/2020	13:55
3,3'-Dichlorobenzidine	< 287	ug/Kg	4/23/2020	13:55
3-Nitroaniline	< 287	ug/Kg	4/23/2020	13:55
4,6-Dinitro-2-methylphenol	< 384	ug/Kg	4/23/2020	13:55
4-Bromophenyl phenyl ether	< 287	ug/Kg	4/23/2020	13:55
4-Chloro-3-methylphenol	< 287	ug/Kg	4/23/2020	13:55
4-Chloroaniline	< 287	ug/Kg	4/23/2020	13:55
4-Chlorophenyl phenyl ether	< 287	ug/Kg	4/23/2020	13:55
4-Nitroaniline	< 287	ug/Kg	4/23/2020	13:55
4-Nitrophenol	< 287	ug/Kg	4/23/2020	13:55
Acenaphthene	< 287	ug/Kg	4/23/2020	13:55
Acenaphthylene	< 287	ug/Kg	4/23/2020	13:55
Acetophenone	< 287	ug/Kg	4/23/2020	13:55

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-14 0.5-2 Ft		
Lab Sample ID:	201697-01	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	< 287	ug/Kg	4/23/2020	13:55
Atrazine	< 287	ug/Kg	4/23/2020	13:55
Benzaldehyde	< 287	ug/Kg	4/23/2020	13:55
Benzo (a) anthracene	< 287	ug/Kg	4/23/2020	13:55
Benzo (a) pyrene	< 287	ug/Kg	4/23/2020	13:55
Benzo (b) fluoranthene	< 287	ug/Kg	4/23/2020	13:55
Benzo (g,h,i) perylene	< 287	ug/Kg	4/23/2020	13:55
Benzo (k) fluoranthene	< 287	ug/Kg	4/23/2020	13:55
Bis (2-chloroethoxy) methane	< 287	ug/Kg	4/23/2020	13:55
Bis (2-chloroethyl) ether	< 287	ug/Kg	4/23/2020	13:55
Bis (2-ethylhexyl) phthalate	< 287	ug/Kg	4/23/2020	13:55
Butylbenzylphthalate	< 287	ug/Kg	4/23/2020	13:55
Caprolactam	< 287	ug/Kg	4/23/2020	13:55
Carbazole	< 287	ug/Kg	4/23/2020	13:55
Chrysene	< 287	ug/Kg	4/23/2020	13:55
Dibenz (a,h) anthracene	< 287	ug/Kg	4/23/2020	13:55
Dibenzofuran	< 287	ug/Kg	4/23/2020	13:55
Diethyl phthalate	< 287	ug/Kg	4/23/2020	13:55
Dimethyl phthalate	< 287	ug/Kg	4/23/2020	13:55
Di-n-butyl phthalate	< 287	ug/Kg	4/23/2020	13:55
Di-n-octylphthalate	< 287	ug/Kg	4/23/2020	13:55
Fluoranthene	**407**	ug/Kg	4/23/2020	13:55
Fluorene	< 287	ug/Kg	4/23/2020	13:55
Hexachlorobenzene	< 287	ug/Kg	4/23/2020	13:55
Hexachlorobutadiene	< 287	ug/Kg	4/23/2020	13:55
Hexachlorocyclopentadiene	< 1150	ug/Kg	4/23/2020	13:55
Hexachloroethane	< 287	ug/Kg	4/23/2020	13:55
Indeno (1,2,3-cd) pyrene	< 287	ug/Kg	4/23/2020	13:55
Isophorone	< 287	ug/Kg	4/23/2020	13:55
Naphthalene	< 287	ug/Kg	4/23/2020	13:55

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-14 0.5-2 Ft		
Lab Sample ID:	201697-01	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 287	ug/Kg		4/23/2020 13:55
N-Nitroso-di-n-propylamine	< 287	ug/Kg		4/23/2020 13:55
N-Nitrosodiphenylamine	< 287	ug/Kg		4/23/2020 13:55
Pentachlorophenol	< 574	ug/Kg		4/23/2020 13:55
Phenanthrene	< 287	ug/Kg		4/23/2020 13:55
Phenol	< 287	ug/Kg		4/23/2020 13:55
Pyrene	**327**	ug/Kg		4/23/2020 13:55

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**75.7**	39 - 88.1		4/23/2020 13:55
2-Fluorobiphenyl	**71.0**	42.5 - 81.1		4/23/2020 13:55
2-Fluorophenol	**71.3**	39.8 - 77.3		4/23/2020 13:55
Nitrobenzene-d5	**67.1**	40.1 - 77.1		4/23/2020 13:55
Phenol-d5	**73.5**	41.7 - 76.6		4/23/2020 13:55
Terphenyl-d14	**75.7**	41.6 - 96.8		4/23/2020 13:55

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45907.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-16 0-1 Ft		
Lab Sample ID:	201697-02	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**7.44**	mg/Kg		4/24/2020 18:13
Barium	**89.9**	mg/Kg		4/24/2020 18:13
Beryllium	< 0.309	mg/Kg		4/24/2020 18:13
Cadmium	**0.724**	mg/Kg		4/24/2020 18:13
Chromium	**17.5**	mg/Kg		4/24/2020 18:13
Copper	**21.0**	mg/Kg		4/24/2020 18:13
Lead	**74.9**	mg/Kg		4/24/2020 18:13
Manganese	**400**	mg/Kg		4/24/2020 18:13
Nickel	**18.8**	mg/Kg		4/24/2020 18:13
Selenium	< 1.24	mg/Kg		4/24/2020 18:13
Silver	**0.888**	mg/Kg		4/24/2020 18:13
Zinc	**99.4**	mg/Kg		4/27/2020 15:59

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.165**	mg/Kg		4/23/2020 09:19

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 352	ug/Kg		4/23/2020 14:24
1,2,4,5-Tetrachlorobenzene	< 352	ug/Kg		4/23/2020 14:24
1,2,4-Trichlorobenzene	< 352	ug/Kg		4/23/2020 14:24
1,2-Dichlorobenzene	< 352	ug/Kg		4/23/2020 14:24

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-16 0-1 Ft		
Lab Sample ID:	201697-02	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 352	ug/Kg	4/23/2020	14:24
1,4-Dichlorobenzene	< 352	ug/Kg	4/23/2020	14:24
2,2-Oxybis (1-chloropropane)	< 352	ug/Kg	4/23/2020	14:24
2,3,4,6-Tetrachlorophenol	< 352	ug/Kg	4/23/2020	14:24
2,4,5-Trichlorophenol	< 352	ug/Kg	4/23/2020	14:24
2,4,6-Trichlorophenol	< 352	ug/Kg	4/23/2020	14:24
2,4-Dichlorophenol	< 352	ug/Kg	4/23/2020	14:24
2,4-Dimethylphenol	< 352	ug/Kg	4/23/2020	14:24
2,4-Dinitrophenol	< 1410	ug/Kg	4/23/2020	14:24
2,4-Dinitrotoluene	< 352	ug/Kg	4/23/2020	14:24
2,6-Dinitrotoluene	< 352	ug/Kg	4/23/2020	14:24
2-Chloronaphthalene	< 352	ug/Kg	4/23/2020	14:24
2-Chlorophenol	< 352	ug/Kg	4/23/2020	14:24
2-Methylnapthalene	< 352	ug/Kg	4/23/2020	14:24
2-Methylphenol	< 352	ug/Kg	4/23/2020	14:24
2-Nitroaniline	< 352	ug/Kg	4/23/2020	14:24
2-Nitrophenol	< 352	ug/Kg	4/23/2020	14:24
3&4-Methylphenol	< 352	ug/Kg	4/23/2020	14:24
3,3'-Dichlorobenzidine	< 352	ug/Kg	4/23/2020	14:24
3-Nitroaniline	< 352	ug/Kg	4/23/2020	14:24
4,6-Dinitro-2-methylphenol	< 471	ug/Kg	4/23/2020	14:24
4-Bromophenyl phenyl ether	< 352	ug/Kg	4/23/2020	14:24
4-Chloro-3-methylphenol	< 352	ug/Kg	4/23/2020	14:24
4-Chloroaniline	< 352	ug/Kg	4/23/2020	14:24
4-Chlorophenyl phenyl ether	< 352	ug/Kg	4/23/2020	14:24
4-Nitroaniline	< 352	ug/Kg	4/23/2020	14:24
4-Nitrophenol	< 352	ug/Kg	4/23/2020	14:24
Acenaphthene	< 352	ug/Kg	4/23/2020	14:24
Acenaphthylene	< 352	ug/Kg	4/23/2020	14:24
Acetophenone	< 352	ug/Kg	4/23/2020	14:24

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-16 0-1 Ft		
Lab Sample ID:	201697-02	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	< 352	ug/Kg	4/23/2020	14:24
Atrazine	< 352	ug/Kg	4/23/2020	14:24
Benzaldehyde	< 352	ug/Kg	4/23/2020	14:24
Benzo (a) anthracene	< 352	ug/Kg	4/23/2020	14:24
Benzo (a) pyrene	< 352	ug/Kg	4/23/2020	14:24
Benzo (b) fluoranthene	< 352	ug/Kg	4/23/2020	14:24
Benzo (g,h,i) perylene	< 352	ug/Kg	4/23/2020	14:24
Benzo (k) fluoranthene	< 352	ug/Kg	4/23/2020	14:24
Bis (2-chloroethoxy) methane	< 352	ug/Kg	4/23/2020	14:24
Bis (2-chloroethyl) ether	< 352	ug/Kg	4/23/2020	14:24
Bis (2-ethylhexyl) phthalate	< 352	ug/Kg	4/23/2020	14:24
Butylbenzylphthalate	< 352	ug/Kg	4/23/2020	14:24
Caprolactam	< 352	ug/Kg	4/23/2020	14:24
Carbazole	< 352	ug/Kg	4/23/2020	14:24
Chrysene	< 352	ug/Kg	4/23/2020	14:24
Dibenz (a,h) anthracene	< 352	ug/Kg	4/23/2020	14:24
Dibenzofuran	< 352	ug/Kg	4/23/2020	14:24
Diethyl phthalate	< 352	ug/Kg	4/23/2020	14:24
Dimethyl phthalate	< 352	ug/Kg	4/23/2020	14:24
Di-n-butyl phthalate	< 352	ug/Kg	4/23/2020	14:24
Di-n-octylphthalate	< 352	ug/Kg	4/23/2020	14:24
Fluoranthene	< 352	ug/Kg	4/23/2020	14:24
Fluorene	< 352	ug/Kg	4/23/2020	14:24
Hexachlorobenzene	< 352	ug/Kg	4/23/2020	14:24
Hexachlorobutadiene	< 352	ug/Kg	4/23/2020	14:24
Hexachlorocyclopentadiene	< 1410	ug/Kg	4/23/2020	14:24
Hexachloroethane	< 352	ug/Kg	4/23/2020	14:24
Indeno (1,2,3-cd) pyrene	< 352	ug/Kg	4/23/2020	14:24
Isophorone	< 352	ug/Kg	4/23/2020	14:24
Naphthalene	< 352	ug/Kg	4/23/2020	14:24

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-16 0-1 Ft		
Lab Sample ID:	201697-02	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 352	ug/Kg		4/23/2020 14:24
N-Nitroso-di-n-propylamine	< 352	ug/Kg		4/23/2020 14:24
N-Nitrosodiphenylamine	< 352	ug/Kg		4/23/2020 14:24
Pentachlorophenol	< 704	ug/Kg		4/23/2020 14:24
Phenanthrene	< 352	ug/Kg		4/23/2020 14:24
Phenol	< 352	ug/Kg		4/23/2020 14:24
Pyrene	< 352	ug/Kg		4/23/2020 14:24

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2,4,6-Tribromophenol	**74.1**	39 - 88.1		4/23/2020 14:24
2-Fluorobiphenyl	**70.2**	42.5 - 81.1		4/23/2020 14:24
2-Fluorophenol	**67.9**	39.8 - 77.3		4/23/2020 14:24
Nitrobenzene-d5	**65.8**	40.1 - 77.1		4/23/2020 14:24
Phenol-d5	**69.6**	41.7 - 76.6		4/23/2020 14:24
Terphenyl-d14	**73.0**	41.6 - 96.8		4/23/2020 14:24

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45908.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-17 0-2 Ft		
Lab Sample ID:	201697-03	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**8.84**	mg/Kg		4/24/2020 18:17
Barium	**430**	mg/Kg		4/24/2020 18:17
Beryllium	< 0.304	mg/Kg		4/24/2020 18:17
Cadmium	**0.387**	mg/Kg		4/24/2020 18:17
Chromium	**13.0**	mg/Kg		4/24/2020 18:17
Copper	**164**	mg/Kg		4/24/2020 18:17
Lead	**473**	mg/Kg		4/24/2020 18:17
Manganese	**257**	mg/Kg		4/24/2020 18:17
Nickel	**11.2**	mg/Kg		4/24/2020 18:17
Selenium	< 1.22	mg/Kg		4/24/2020 18:17
Silver	**1.14**	mg/Kg		4/24/2020 18:17
Zinc	**186**	mg/Kg		4/27/2020 16:03

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**3.62**	mg/Kg		4/23/2020 09:50

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 336	ug/Kg		4/23/2020 14:53
1,2,4,5-Tetrachlorobenzene	< 336	ug/Kg		4/23/2020 14:53
1,2,4-Trichlorobenzene	< 336	ug/Kg		4/23/2020 14:53
1,2-Dichlorobenzene	< 336	ug/Kg		4/23/2020 14:53

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-17 0-2 Ft		
Lab Sample ID:	201697-03	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 336	ug/Kg	4/23/2020	14:53
1,4-Dichlorobenzene	< 336	ug/Kg	4/23/2020	14:53
2,2-Oxybis (1-chloropropane)	< 336	ug/Kg	4/23/2020	14:53
2,3,4,6-Tetrachlorophenol	< 336	ug/Kg	4/23/2020	14:53
2,4,5-Trichlorophenol	< 336	ug/Kg	4/23/2020	14:53
2,4,6-Trichlorophenol	< 336	ug/Kg	4/23/2020	14:53
2,4-Dichlorophenol	< 336	ug/Kg	4/23/2020	14:53
2,4-Dimethylphenol	< 336	ug/Kg	4/23/2020	14:53
2,4-Dinitrophenol	< 1340	ug/Kg	4/23/2020	14:53
2,4-Dinitrotoluene	< 336	ug/Kg	4/23/2020	14:53
2,6-Dinitrotoluene	< 336	ug/Kg	4/23/2020	14:53
2-Chloronaphthalene	< 336	ug/Kg	4/23/2020	14:53
2-Chlorophenol	< 336	ug/Kg	4/23/2020	14:53
2-Methylnapthalene	< 336	ug/Kg	4/23/2020	14:53
2-Methylphenol	< 336	ug/Kg	4/23/2020	14:53
2-Nitroaniline	< 336	ug/Kg	4/23/2020	14:53
2-Nitrophenol	< 336	ug/Kg	4/23/2020	14:53
3&4-Methylphenol	< 336	ug/Kg	4/23/2020	14:53
3,3'-Dichlorobenzidine	< 336	ug/Kg	4/23/2020	14:53
3-Nitroaniline	< 336	ug/Kg	4/23/2020	14:53
4,6-Dinitro-2-methylphenol	< 449	ug/Kg	4/23/2020	14:53
4-Bromophenyl phenyl ether	< 336	ug/Kg	4/23/2020	14:53
4-Chloro-3-methylphenol	< 336	ug/Kg	4/23/2020	14:53
4-Chloroaniline	< 336	ug/Kg	4/23/2020	14:53
4-Chlorophenyl phenyl ether	< 336	ug/Kg	4/23/2020	14:53
4-Nitroaniline	< 336	ug/Kg	4/23/2020	14:53
4-Nitrophenol	< 336	ug/Kg	4/23/2020	14:53
Acenaphthene	< 336	ug/Kg	4/23/2020	14:53
Acenaphthylene	< 336	ug/Kg	4/23/2020	14:53
Acetophenone	< 336	ug/Kg	4/23/2020	14:53

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-17 0-2 Ft		
Lab Sample ID:	201697-03	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	< 336	ug/Kg	4/23/2020	14:53
Atrazine	< 336	ug/Kg	4/23/2020	14:53
Benzaldehyde	< 336	ug/Kg	4/23/2020	14:53
Benzo (a) anthracene	< 336	ug/Kg	4/23/2020	14:53
Benzo (a) pyrene	< 336	ug/Kg	4/23/2020	14:53
Benzo (b) fluoranthene	< 336	ug/Kg	4/23/2020	14:53
Benzo (g,h,i) perylene	< 336	ug/Kg	4/23/2020	14:53
Benzo (k) fluoranthene	< 336	ug/Kg	4/23/2020	14:53
Bis (2-chloroethoxy) methane	< 336	ug/Kg	4/23/2020	14:53
Bis (2-chloroethyl) ether	< 336	ug/Kg	4/23/2020	14:53
Bis (2-ethylhexyl) phthalate	< 336	ug/Kg	4/23/2020	14:53
Butylbenzylphthalate	< 336	ug/Kg	4/23/2020	14:53
Caprolactam	< 336	ug/Kg	4/23/2020	14:53
Carbazole	< 336	ug/Kg	4/23/2020	14:53
Chrysene	< 336	ug/Kg	4/23/2020	14:53
Dibenz (a,h) anthracene	< 336	ug/Kg	4/23/2020	14:53
Dibenzofuran	< 336	ug/Kg	4/23/2020	14:53
Diethyl phthalate	< 336	ug/Kg	4/23/2020	14:53
Dimethyl phthalate	< 336	ug/Kg	4/23/2020	14:53
Di-n-butyl phthalate	< 336	ug/Kg	4/23/2020	14:53
Di-n-octylphthalate	< 336	ug/Kg	4/23/2020	14:53
Fluoranthene	**773**	ug/Kg	4/23/2020	14:53
Fluorene	< 336	ug/Kg	4/23/2020	14:53
Hexachlorobenzene	< 336	ug/Kg	4/23/2020	14:53
Hexachlorobutadiene	< 336	ug/Kg	4/23/2020	14:53
Hexachlorocyclopentadiene	< 1340	ug/Kg	4/23/2020	14:53
Hexachloroethane	< 336	ug/Kg	4/23/2020	14:53
Indeno (1,2,3-cd) pyrene	< 336	ug/Kg	4/23/2020	14:53
Isophorone	< 336	ug/Kg	4/23/2020	14:53
Naphthalene	< 336	ug/Kg	4/23/2020	14:53

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-17 0-2 Ft		
Lab Sample ID:	201697-03	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 336	ug/Kg	4/23/2020	14:53
N-Nitroso-di-n-propylamine	< 336	ug/Kg	4/23/2020	14:53
N-Nitrosodiphenylamine	< 336	ug/Kg	4/23/2020	14:53
Pentachlorophenol	< 671	ug/Kg	4/23/2020	14:53
Phenanthrene	**1010**	ug/Kg	4/23/2020	14:53
Phenol	< 336	ug/Kg	4/23/2020	14:53
Pyrene	**612**	ug/Kg	4/23/2020	14:53

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
2,4,6-Tribromophenol	**62.2**	39 - 88.1		4/23/2020	14:53
2-Fluorobiphenyl	**62.0**	42.5 - 81.1		4/23/2020	14:53
2-Fluorophenol	**58.0**	39.8 - 77.3		4/23/2020	14:53
Nitrobenzene-d5	**56.3**	40.1 - 77.1		4/23/2020	14:53
Phenol-d5	**60.2**	41.7 - 76.6		4/23/2020	14:53
Terphenyl-d14	**63.4**	41.6 - 96.8		4/23/2020	14:53

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45909.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-18 1-3 Ft		
Lab Sample ID:	201697-04	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**11.4**	mg/Kg		4/24/2020 18:21
Barium	**278**	mg/Kg		4/24/2020 18:21
Beryllium	< 0.304	mg/Kg		4/24/2020 18:21
Cadmium	**1.58**	mg/Kg		4/24/2020 18:21
Chromium	**15.4**	mg/Kg		4/24/2020 18:21
Copper	**55.4**	mg/Kg		4/24/2020 18:21
Lead	**1650**	mg/Kg		4/24/2020 18:21
Manganese	**229**	mg/Kg		4/24/2020 18:21
Nickel	**14.5**	mg/Kg		4/24/2020 18:21
Selenium	< 1.22	mg/Kg		4/24/2020 18:21
Silver	**1.14**	mg/Kg		4/24/2020 18:21
Zinc	**339**	mg/Kg		4/27/2020 16:08

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**1.59**	mg/Kg		4/23/2020 09:58

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 336	ug/Kg		4/23/2020 16:19
1,2,4,5-Tetrachlorobenzene	< 336	ug/Kg		4/23/2020 16:19
1,2,4-Trichlorobenzene	< 336	ug/Kg		4/23/2020 16:19
1,2-Dichlorobenzene	< 336	ug/Kg		4/23/2020 16:19

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-18 1-3 Ft		
Lab Sample ID:	201697-04	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 336	ug/Kg	4/23/2020	16:19
1,4-Dichlorobenzene	< 336	ug/Kg	4/23/2020	16:19
2,2-Oxybis (1-chloropropane)	< 336	ug/Kg	4/23/2020	16:19
2,3,4,6-Tetrachlorophenol	< 336	ug/Kg	4/23/2020	16:19
2,4,5-Trichlorophenol	< 336	ug/Kg	4/23/2020	16:19
2,4,6-Trichlorophenol	< 336	ug/Kg	4/23/2020	16:19
2,4-Dichlorophenol	< 336	ug/Kg	4/23/2020	16:19
2,4-Dimethylphenol	< 336	ug/Kg	4/23/2020	16:19
2,4-Dinitrophenol	< 1350	ug/Kg	4/23/2020	16:19
2,4-Dinitrotoluene	< 336	ug/Kg	4/23/2020	16:19
2,6-Dinitrotoluene	< 336	ug/Kg	4/23/2020	16:19
2-Chloronaphthalene	< 336	ug/Kg	4/23/2020	16:19
2-Chlorophenol	< 336	ug/Kg	4/23/2020	16:19
2-Methylnapthalene	< 336	ug/Kg	4/23/2020	16:19
2-Methylphenol	< 336	ug/Kg	4/23/2020	16:19
2-Nitroaniline	< 336	ug/Kg	4/23/2020	16:19
2-Nitrophenol	< 336	ug/Kg	4/23/2020	16:19
3&4-Methylphenol	< 336	ug/Kg	4/23/2020	16:19
3,3'-Dichlorobenzidine	< 336	ug/Kg	4/23/2020	16:19
3-Nitroaniline	< 336	ug/Kg	4/23/2020	16:19
4,6-Dinitro-2-methylphenol	< 450	ug/Kg	4/23/2020	16:19
4-Bromophenyl phenyl ether	< 336	ug/Kg	4/23/2020	16:19
4-Chloro-3-methylphenol	< 336	ug/Kg	4/23/2020	16:19
4-Chloroaniline	< 336	ug/Kg	4/23/2020	16:19
4-Chlorophenyl phenyl ether	< 336	ug/Kg	4/23/2020	16:19
4-Nitroaniline	< 336	ug/Kg	4/23/2020	16:19
4-Nitrophenol	< 336	ug/Kg	4/23/2020	16:19
Acenaphthene	< 336	ug/Kg	4/23/2020	16:19
Acenaphthylene	< 336	ug/Kg	4/23/2020	16:19
Acetophenone	< 336	ug/Kg	4/23/2020	16:19

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-18 1-3 Ft		
Lab Sample ID:	201697-04	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	< 336	ug/Kg	4/23/2020	16:19
Atrazine	< 336	ug/Kg	4/23/2020	16:19
Benzaldehyde	< 336	ug/Kg	4/23/2020	16:19
Benzo (a) anthracene	**365**	ug/Kg	4/23/2020	16:19
Benzo (a) pyrene	**354**	ug/Kg	4/23/2020	16:19
Benzo (b) fluoranthene	**344**	ug/Kg	4/23/2020	16:19
Benzo (g,h,i) perylene	< 336	ug/Kg	4/23/2020	16:19
Benzo (k) fluoranthene	< 336	ug/Kg	4/23/2020	16:19
Bis (2-chloroethoxy) methane	< 336	ug/Kg	4/23/2020	16:19
Bis (2-chloroethyl) ether	< 336	ug/Kg	4/23/2020	16:19
Bis (2-ethylhexyl) phthalate	< 336	ug/Kg	4/23/2020	16:19
Butylbenzylphthalate	< 336	ug/Kg	4/23/2020	16:19
Caprolactam	< 336	ug/Kg	4/23/2020	16:19
Carbazole	< 336	ug/Kg	4/23/2020	16:19
Chrysene	**404**	ug/Kg	4/23/2020	16:19
Dibenz (a,h) anthracene	< 336	ug/Kg	4/23/2020	16:19
Dibenzofuran	< 336	ug/Kg	4/23/2020	16:19
Diethyl phthalate	< 336	ug/Kg	4/23/2020	16:19
Dimethyl phthalate	< 336	ug/Kg	4/23/2020	16:19
Di-n-butyl phthalate	< 336	ug/Kg	4/23/2020	16:19
Di-n-octylphthalate	< 336	ug/Kg	4/23/2020	16:19
Fluoranthene	**632**	ug/Kg	4/23/2020	16:19
Fluorene	< 336	ug/Kg	4/23/2020	16:19
Hexachlorobenzene	< 336	ug/Kg	4/23/2020	16:19
Hexachlorobutadiene	< 336	ug/Kg	4/23/2020	16:19
Hexachlorocyclopentadiene	< 1350	ug/Kg	4/23/2020	16:19
Hexachloroethane	< 336	ug/Kg	4/23/2020	16:19
Indeno (1,2,3-cd) pyrene	< 336	ug/Kg	4/23/2020	16:19
Isophorone	< 336	ug/Kg	4/23/2020	16:19
Naphthalene	< 336	ug/Kg	4/23/2020	16:19

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-18 1-3 Ft		
Lab Sample ID:	201697-04	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 336	ug/Kg		4/23/2020 16:19
N-Nitroso-di-n-propylamine	< 336	ug/Kg		4/23/2020 16:19
N-Nitrosodiphenylamine	< 336	ug/Kg		4/23/2020 16:19
Pentachlorophenol	< 673	ug/Kg		4/23/2020 16:19
Phenanthrene	**387**	ug/Kg		4/23/2020 16:19
Phenol	< 336	ug/Kg		4/23/2020 16:19
Pyrene	**545**	ug/Kg		4/23/2020 16:19

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**74.6**	39 - 88.1		4/23/2020 16:19
2-Fluorobiphenyl	**71.6**	42.5 - 81.1		4/23/2020 16:19
2-Fluorophenol	**67.3**	39.8 - 77.3		4/23/2020 16:19
Nitrobenzene-d5	**65.1**	40.1 - 77.1		4/23/2020 16:19
Phenol-d5	**70.4**	41.7 - 76.6		4/23/2020 16:19
Terphenyl-d14	**69.7**	41.6 - 96.8		4/23/2020 16:19

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45912.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-19 1-3 Ft		
Lab Sample ID:	201697-05	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**11.1**	mg/Kg		4/24/2020 18:39
Barium	**132**	mg/Kg		4/24/2020 18:39
Beryllium	< 0.309	mg/Kg		4/24/2020 18:39
Cadmium	**0.745**	mg/Kg		4/24/2020 18:39
Chromium	**15.1**	mg/Kg		4/24/2020 18:39
Copper	**37.9**	mg/Kg		4/24/2020 18:39
Lead	**710**	mg/Kg		4/24/2020 18:39
Manganese	**278**	mg/Kg		4/24/2020 18:39
Nickel	**13.5**	mg/Kg		4/24/2020 18:39
Selenium	< 1.24	mg/Kg		4/24/2020 18:39
Silver	**1.13**	mg/Kg		4/24/2020 18:39
Zinc	**249**	mg/Kg		4/27/2020 16:12

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**1.32**	mg/Kg		4/23/2020 10:00

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 355	ug/Kg		4/23/2020 16:47
1,2,4,5-Tetrachlorobenzene	< 355	ug/Kg		4/23/2020 16:47
1,2,4-Trichlorobenzene	< 355	ug/Kg		4/23/2020 16:47
1,2-Dichlorobenzene	< 355	ug/Kg		4/23/2020 16:47

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-19 1-3 Ft		
Lab Sample ID:	201697-05	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 355	ug/Kg	4/23/2020	16:47
1,4-Dichlorobenzene	< 355	ug/Kg	4/23/2020	16:47
2,2-Oxybis (1-chloropropane)	< 355	ug/Kg	4/23/2020	16:47
2,3,4,6-Tetrachlorophenol	< 355	ug/Kg	4/23/2020	16:47
2,4,5-Trichlorophenol	< 355	ug/Kg	4/23/2020	16:47
2,4,6-Trichlorophenol	< 355	ug/Kg	4/23/2020	16:47
2,4-Dichlorophenol	< 355	ug/Kg	4/23/2020	16:47
2,4-Dimethylphenol	< 355	ug/Kg	4/23/2020	16:47
2,4-Dinitrophenol	< 1420	ug/Kg	4/23/2020	16:47
2,4-Dinitrotoluene	< 355	ug/Kg	4/23/2020	16:47
2,6-Dinitrotoluene	< 355	ug/Kg	4/23/2020	16:47
2-Chloronaphthalene	< 355	ug/Kg	4/23/2020	16:47
2-Chlorophenol	< 355	ug/Kg	4/23/2020	16:47
2-Methylnapthalene	< 355	ug/Kg	4/23/2020	16:47
2-Methylphenol	< 355	ug/Kg	4/23/2020	16:47
2-Nitroaniline	< 355	ug/Kg	4/23/2020	16:47
2-Nitrophenol	< 355	ug/Kg	4/23/2020	16:47
3&4-Methylphenol	< 355	ug/Kg	4/23/2020	16:47
3,3'-Dichlorobenzidine	< 355	ug/Kg	4/23/2020	16:47
3-Nitroaniline	< 355	ug/Kg	4/23/2020	16:47
4,6-Dinitro-2-methylphenol	< 476	ug/Kg	4/23/2020	16:47
4-Bromophenyl phenyl ether	< 355	ug/Kg	4/23/2020	16:47
4-Chloro-3-methylphenol	< 355	ug/Kg	4/23/2020	16:47
4-Chloroaniline	< 355	ug/Kg	4/23/2020	16:47
4-Chlorophenyl phenyl ether	< 355	ug/Kg	4/23/2020	16:47
4-Nitroaniline	< 355	ug/Kg	4/23/2020	16:47
4-Nitrophenol	< 355	ug/Kg	4/23/2020	16:47
Acenaphthene	**492**	ug/Kg	4/23/2020	16:47
Acenaphthylene	< 355	ug/Kg	4/23/2020	16:47
Acetophenone	< 355	ug/Kg	4/23/2020	16:47

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-19 1-3 Ft		
Lab Sample ID:	201697-05	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	**946**	ug/Kg	4/23/2020	16:47
Atrazine	< 355	ug/Kg	4/23/2020	16:47
Benzaldehyde	< 355	ug/Kg	4/23/2020	16:47
Benzo (a) anthracene	**2470**	ug/Kg	4/23/2020	16:47
Benzo (a) pyrene	**2300**	ug/Kg	4/23/2020	16:47
Benzo (b) fluoranthene	**1580**	ug/Kg	4/23/2020	16:47
Benzo (g,h,i) perylene	**948**	ug/Kg	4/23/2020	16:47
Benzo (k) fluoranthene	**1920**	ug/Kg	4/23/2020	16:47
Bis (2-chloroethoxy) methane	< 355	ug/Kg	4/23/2020	16:47
Bis (2-chloroethyl) ether	< 355	ug/Kg	4/23/2020	16:47
Bis (2-ethylhexyl) phthalate	< 355	ug/Kg	4/23/2020	16:47
Butylbenzylphthalate	< 355	ug/Kg	4/23/2020	16:47
Caprolactam	< 355	ug/Kg	4/23/2020	16:47
Carbazole	< 355	ug/Kg	4/23/2020	16:47
Chrysene	**2130**	ug/Kg	4/23/2020	16:47
Dibenz (a,h) anthracene	**400**	ug/Kg	4/23/2020	16:47
Dibenzofuran	**369**	ug/Kg	4/23/2020	16:47
Diethyl phthalate	< 355	ug/Kg	4/23/2020	16:47
Dimethyl phthalate	< 355	ug/Kg	4/23/2020	16:47
Di-n-butyl phthalate	< 355	ug/Kg	4/23/2020	16:47
Di-n-octylphthalate	< 355	ug/Kg	4/23/2020	16:47
Fluoranthene	**3400**	ug/Kg	4/23/2020	16:47
Fluorene	**512**	ug/Kg	4/23/2020	16:47
Hexachlorobenzene	< 355	ug/Kg	4/23/2020	16:47
Hexachlorobutadiene	< 355	ug/Kg	4/23/2020	16:47
Hexachlorocyclopentadiene	< 1420	ug/Kg	4/23/2020	16:47
Hexachloroethane	< 355	ug/Kg	4/23/2020	16:47
Indeno (1,2,3-cd) pyrene	**908**	ug/Kg	4/23/2020	16:47
Isophorone	< 355	ug/Kg	4/23/2020	16:47
Naphthalene	< 355	ug/Kg	4/23/2020	16:47

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-19 1-3 Ft		
Lab Sample ID:	201697-05	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 355	ug/Kg		4/23/2020 16:47
N-Nitroso-di-n-propylamine	< 355	ug/Kg		4/23/2020 16:47
N-Nitrosodiphenylamine	< 355	ug/Kg		4/23/2020 16:47
Pentachlorophenol	< 711	ug/Kg		4/23/2020 16:47
Phenanthrene	**2800**	ug/Kg		4/23/2020 16:47
Phenol	< 355	ug/Kg		4/23/2020 16:47
Pyrene	**3100**	ug/Kg		4/23/2020 16:47

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**76.4**	39 - 88.1		4/23/2020 16:47
2-Fluorobiphenyl	**70.5**	42.5 - 81.1		4/23/2020 16:47
2-Fluorophenol	**69.8**	39.8 - 77.3		4/23/2020 16:47
Nitrobenzene-d5	**60.6**	40.1 - 77.1		4/23/2020 16:47
Phenol-d5	**70.9**	41.7 - 76.6		4/23/2020 16:47
Terphenyl-d14	**71.9**	41.6 - 96.8		4/23/2020 16:47

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45913.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-20 1-3 Ft		
Lab Sample ID:	201697-06	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**14.2**	mg/Kg		4/24/2020 18:43
Barium	**215**	mg/Kg		4/24/2020 18:43
Beryllium	< 0.336	mg/Kg		4/24/2020 18:43
Cadmium	**1.23**	mg/Kg		4/24/2020 18:43
Chromium	**16.5**	mg/Kg		4/24/2020 18:43
Copper	**56.6**	mg/Kg		4/24/2020 18:43
Lead	**852**	mg/Kg		4/24/2020 18:43
Manganese	**311**	mg/Kg		4/24/2020 18:43
Nickel	**15.1**	mg/Kg		4/24/2020 18:43
Selenium	< 1.34	mg/Kg		4/24/2020 18:43
Silver	**0.967**	mg/Kg		4/24/2020 18:43
Zinc	**328**	mg/Kg		4/27/2020 16:26

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.895**	mg/Kg		4/23/2020 10:06

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 382	ug/Kg		4/23/2020 17:16
1,2,4,5-Tetrachlorobenzene	< 382	ug/Kg		4/23/2020 17:16
1,2,4-Trichlorobenzene	< 382	ug/Kg		4/23/2020 17:16
1,2-Dichlorobenzene	< 382	ug/Kg		4/23/2020 17:16

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-20 1-3 Ft		
Lab Sample ID:	201697-06	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 382	ug/Kg	4/23/2020	17:16
1,4-Dichlorobenzene	< 382	ug/Kg	4/23/2020	17:16
2,2-Oxybis (1-chloropropane)	< 382	ug/Kg	4/23/2020	17:16
2,3,4,6-Tetrachlorophenol	< 382	ug/Kg	4/23/2020	17:16
2,4,5-Trichlorophenol	< 382	ug/Kg	4/23/2020	17:16
2,4,6-Trichlorophenol	< 382	ug/Kg	4/23/2020	17:16
2,4-Dichlorophenol	< 382	ug/Kg	4/23/2020	17:16
2,4-Dimethylphenol	< 382	ug/Kg	4/23/2020	17:16
2,4-Dinitrophenol	< 1530	ug/Kg	4/23/2020	17:16
2,4-Dinitrotoluene	< 382	ug/Kg	4/23/2020	17:16
2,6-Dinitrotoluene	< 382	ug/Kg	4/23/2020	17:16
2-Chloronaphthalene	< 382	ug/Kg	4/23/2020	17:16
2-Chlorophenol	< 382	ug/Kg	4/23/2020	17:16
2-Methylnapthalene	< 382	ug/Kg	4/23/2020	17:16
2-Methylphenol	< 382	ug/Kg	4/23/2020	17:16
2-Nitroaniline	< 382	ug/Kg	4/23/2020	17:16
2-Nitrophenol	< 382	ug/Kg	4/23/2020	17:16
3&4-Methylphenol	< 382	ug/Kg	4/23/2020	17:16
3,3'-Dichlorobenzidine	< 382	ug/Kg	4/23/2020	17:16
3-Nitroaniline	< 382	ug/Kg	4/23/2020	17:16
4,6-Dinitro-2-methylphenol	< 511	ug/Kg	4/23/2020	17:16
4-Bromophenyl phenyl ether	< 382	ug/Kg	4/23/2020	17:16
4-Chloro-3-methylphenol	< 382	ug/Kg	4/23/2020	17:16
4-Chloroaniline	< 382	ug/Kg	4/23/2020	17:16
4-Chlorophenyl phenyl ether	< 382	ug/Kg	4/23/2020	17:16
4-Nitroaniline	< 382	ug/Kg	4/23/2020	17:16
4-Nitrophenol	< 382	ug/Kg	4/23/2020	17:16
Acenaphthene	< 382	ug/Kg	4/23/2020	17:16
Acenaphthylene	< 382	ug/Kg	4/23/2020	17:16
Acetophenone	< 382	ug/Kg	4/23/2020	17:16

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-20 1-3 Ft		
Lab Sample ID:	201697-06	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	**466**	ug/Kg	4/23/2020	17:16
Atrazine	< 382	ug/Kg	4/23/2020	17:16
Benzaldehyde	< 382	ug/Kg	4/23/2020	17:16
Benzo (a) anthracene	**1080**	ug/Kg	4/23/2020	17:16
Benzo (a) pyrene	**929**	ug/Kg	4/23/2020	17:16
Benzo (b) fluoranthene	**788**	ug/Kg	4/23/2020	17:16
Benzo (g,h,i) perylene	**582**	ug/Kg	4/23/2020	17:16
Benzo (k) fluoranthene	**693**	ug/Kg	4/23/2020	17:16
Bis (2-chloroethoxy) methane	< 382	ug/Kg	4/23/2020	17:16
Bis (2-chloroethyl) ether	< 382	ug/Kg	4/23/2020	17:16
Bis (2-ethylhexyl) phthalate	< 382	ug/Kg	4/23/2020	17:16
Butylbenzylphthalate	< 382	ug/Kg	4/23/2020	17:16
Caprolactam	< 382	ug/Kg	4/23/2020	17:16
Carbazole	< 382	ug/Kg	4/23/2020	17:16
Chrysene	**1060**	ug/Kg	4/23/2020	17:16
Dibenz (a,h) anthracene	< 382	ug/Kg	4/23/2020	17:16
Dibenzofuran	< 382	ug/Kg	4/23/2020	17:16
Diethyl phthalate	< 382	ug/Kg	4/23/2020	17:16
Dimethyl phthalate	< 382	ug/Kg	4/23/2020	17:16
Di-n-butyl phthalate	< 382	ug/Kg	4/23/2020	17:16
Di-n-octylphthalate	< 382	ug/Kg	4/23/2020	17:16
Fluoranthene	**1970**	ug/Kg	4/23/2020	17:16
Fluorene	< 382	ug/Kg	4/23/2020	17:16
Hexachlorobenzene	< 382	ug/Kg	4/23/2020	17:16
Hexachlorobutadiene	< 382	ug/Kg	4/23/2020	17:16
Hexachlorocyclopentadiene	< 1530	ug/Kg	4/23/2020	17:16
Hexachloroethane	< 382	ug/Kg	4/23/2020	17:16
Indeno (1,2,3-cd) pyrene	**451**	ug/Kg	4/23/2020	17:16
Isophorone	< 382	ug/Kg	4/23/2020	17:16
Naphthalene	< 382	ug/Kg	4/23/2020	17:16

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-20 1-3 Ft		
Lab Sample ID:	201697-06	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 382	ug/Kg		4/23/2020 17:16
N-Nitroso-di-n-propylamine	< 382	ug/Kg		4/23/2020 17:16
N-Nitrosodiphenylamine	< 382	ug/Kg		4/23/2020 17:16
Pentachlorophenol	< 764	ug/Kg		4/23/2020 17:16
Phenanthrene	**1680**	ug/Kg		4/23/2020 17:16
Phenol	< 382	ug/Kg		4/23/2020 17:16
Pyrene	**1720**	ug/Kg		4/23/2020 17:16

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**73.5**	39 - 88.1		4/23/2020 17:16
2-Fluorobiphenyl	**67.7**	42.5 - 81.1		4/23/2020 17:16
2-Fluorophenol	**64.7**	39.8 - 77.3		4/23/2020 17:16
Nitrobenzene-d5	**60.1**	40.1 - 77.1		4/23/2020 17:16
Phenol-d5	**67.4**	41.7 - 76.6		4/23/2020 17:16
Terphenyl-d14	**65.3**	41.6 - 96.8		4/23/2020 17:16

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45914.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-21 1-3 Ft		
Lab Sample ID:	201697-07	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**5.98**	mg/Kg		4/24/2020 18:47
Barium	**108**	mg/Kg		4/24/2020 18:47
Beryllium	< 0.285	mg/Kg		4/24/2020 18:47
Cadmium	**0.492**	mg/Kg		4/24/2020 18:47
Chromium	**13.4**	mg/Kg		4/24/2020 18:47
Copper	**33.2**	mg/Kg		4/24/2020 18:47
Lead	**239**	mg/Kg		4/24/2020 18:47
Manganese	**283**	mg/Kg		4/24/2020 18:47
Nickel	**12.0**	mg/Kg		4/24/2020 18:47
Selenium	< 1.14	mg/Kg		4/24/2020 18:47
Silver	**0.791**	mg/Kg		4/24/2020 18:47
Zinc	**136**	mg/Kg		4/27/2020 16:30

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.721**	mg/Kg		4/23/2020 10:02

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 303	ug/Kg		4/23/2020 17:45
1,2,4,5-Tetrachlorobenzene	< 303	ug/Kg		4/23/2020 17:45
1,2,4-Trichlorobenzene	< 303	ug/Kg		4/23/2020 17:45
1,2-Dichlorobenzene	< 303	ug/Kg		4/23/2020 17:45

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-21 1-3 Ft		
Lab Sample ID:	201697-07	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 303	ug/Kg	4/23/2020	17:45
1,4-Dichlorobenzene	< 303	ug/Kg	4/23/2020	17:45
2,2-Oxybis (1-chloropropane)	< 303	ug/Kg	4/23/2020	17:45
2,3,4,6-Tetrachlorophenol	< 303	ug/Kg	4/23/2020	17:45
2,4,5-Trichlorophenol	< 303	ug/Kg	4/23/2020	17:45
2,4,6-Trichlorophenol	< 303	ug/Kg	4/23/2020	17:45
2,4-Dichlorophenol	< 303	ug/Kg	4/23/2020	17:45
2,4-Dimethylphenol	< 303	ug/Kg	4/23/2020	17:45
2,4-Dinitrophenol	< 1210	ug/Kg	4/23/2020	17:45
2,4-Dinitrotoluene	< 303	ug/Kg	4/23/2020	17:45
2,6-Dinitrotoluene	< 303	ug/Kg	4/23/2020	17:45
2-Chloronaphthalene	< 303	ug/Kg	4/23/2020	17:45
2-Chlorophenol	< 303	ug/Kg	4/23/2020	17:45
2-Methylnapthalene	< 303	ug/Kg	4/23/2020	17:45
2-Methylphenol	< 303	ug/Kg	4/23/2020	17:45
2-Nitroaniline	< 303	ug/Kg	4/23/2020	17:45
2-Nitrophenol	< 303	ug/Kg	4/23/2020	17:45
3&4-Methylphenol	< 303	ug/Kg	4/23/2020	17:45
3,3'-Dichlorobenzidine	< 303	ug/Kg	4/23/2020	17:45
3-Nitroaniline	< 303	ug/Kg	4/23/2020	17:45
4,6-Dinitro-2-methylphenol	< 406	ug/Kg	4/23/2020	17:45
4-Bromophenyl phenyl ether	< 303	ug/Kg	4/23/2020	17:45
4-Chloro-3-methylphenol	< 303	ug/Kg	4/23/2020	17:45
4-Chloroaniline	< 303	ug/Kg	4/23/2020	17:45
4-Chlorophenyl phenyl ether	< 303	ug/Kg	4/23/2020	17:45
4-Nitroaniline	< 303	ug/Kg	4/23/2020	17:45
4-Nitrophenol	< 303	ug/Kg	4/23/2020	17:45
Acenaphthene	< 303	ug/Kg	4/23/2020	17:45
Acenaphthylene	< 303	ug/Kg	4/23/2020	17:45
Acetophenone	< 303	ug/Kg	4/23/2020	17:45

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-21 1-3 Ft		
Lab Sample ID:	201697-07	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	< 303	ug/Kg	4/23/2020	17:45
Atrazine	< 303	ug/Kg	4/23/2020	17:45
Benzaldehyde	< 303	ug/Kg	4/23/2020	17:45
Benzo (a) anthracene	< 303	ug/Kg	4/23/2020	17:45
Benzo (a) pyrene	< 303	ug/Kg	4/23/2020	17:45
Benzo (b) fluoranthene	< 303	ug/Kg	4/23/2020	17:45
Benzo (g,h,i) perylene	< 303	ug/Kg	4/23/2020	17:45
Benzo (k) fluoranthene	< 303	ug/Kg	4/23/2020	17:45
Bis (2-chloroethoxy) methane	< 303	ug/Kg	4/23/2020	17:45
Bis (2-chloroethyl) ether	< 303	ug/Kg	4/23/2020	17:45
Bis (2-ethylhexyl) phthalate	< 303	ug/Kg	4/23/2020	17:45
Butylbenzylphthalate	< 303	ug/Kg	4/23/2020	17:45
Caprolactam	< 303	ug/Kg	4/23/2020	17:45
Carbazole	< 303	ug/Kg	4/23/2020	17:45
Chrysene	< 303	ug/Kg	4/23/2020	17:45
Dibenz (a,h) anthracene	< 303	ug/Kg	4/23/2020	17:45
Dibenzofuran	< 303	ug/Kg	4/23/2020	17:45
Diethyl phthalate	< 303	ug/Kg	4/23/2020	17:45
Dimethyl phthalate	< 303	ug/Kg	4/23/2020	17:45
Di-n-butyl phthalate	< 303	ug/Kg	4/23/2020	17:45
Di-n-octylphthalate	< 303	ug/Kg	4/23/2020	17:45
Fluoranthene	**457**	ug/Kg	4/23/2020	17:45
Fluorene	< 303	ug/Kg	4/23/2020	17:45
Hexachlorobenzene	< 303	ug/Kg	4/23/2020	17:45
Hexachlorobutadiene	< 303	ug/Kg	4/23/2020	17:45
Hexachlorocyclopentadiene	< 1210	ug/Kg	4/23/2020	17:45
Hexachloroethane	< 303	ug/Kg	4/23/2020	17:45
Indeno (1,2,3-cd) pyrene	< 303	ug/Kg	4/23/2020	17:45
Isophorone	< 303	ug/Kg	4/23/2020	17:45
Naphthalene	< 303	ug/Kg	4/23/2020	17:45

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-21 1-3 Ft		
Lab Sample ID:	201697-07	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 303	ug/Kg		4/23/2020 17:45
N-Nitroso-di-n-propylamine	< 303	ug/Kg		4/23/2020 17:45
N-Nitrosodiphenylamine	< 303	ug/Kg		4/23/2020 17:45
Pentachlorophenol	< 606	ug/Kg		4/23/2020 17:45
Phenanthrene	**388**	ug/Kg		4/23/2020 17:45
Phenol	< 303	ug/Kg		4/23/2020 17:45
Pyrene	**349**	ug/Kg		4/23/2020 17:45

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**75.7**	39 - 88.1		4/23/2020 17:45
2-Fluorobiphenyl	**72.8**	42.5 - 81.1		4/23/2020 17:45
2-Fluorophenol	**69.5**	39.8 - 77.3		4/23/2020 17:45
Nitrobenzene-d5	**68.1**	40.1 - 77.1		4/23/2020 17:45
Phenol-d5	**71.5**	41.7 - 76.6		4/23/2020 17:45
Terphenyl-d14	**72.2**	41.6 - 96.8		4/23/2020 17:45

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45915.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-22 1-3 Ft		
Lab Sample ID:	201697-08	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**4.84**	mg/Kg		4/24/2020 18:52
Barium	**114**	mg/Kg		4/24/2020 18:52
Beryllium	< 0.283	mg/Kg		4/24/2020 18:52
Cadmium	**0.403**	mg/Kg		4/24/2020 18:52
Chromium	**16.1**	mg/Kg		4/24/2020 18:52
Copper	**20.4**	mg/Kg		4/24/2020 18:52
Lead	**135**	mg/Kg		4/24/2020 18:52
Manganese	**348**	mg/Kg		4/24/2020 18:52
Nickel	**13.2**	mg/Kg		4/24/2020 18:52
Selenium	**1.16**	mg/Kg		4/24/2020 18:52
Silver	**0.943**	mg/Kg		4/24/2020 18:52
Zinc	**117**	mg/Kg		4/27/2020 16:35

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.335**	mg/Kg		4/23/2020 09:35

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 332	ug/Kg		4/23/2020 18:13
1,2,4,5-Tetrachlorobenzene	< 332	ug/Kg		4/23/2020 18:13
1,2,4-Trichlorobenzene	< 332	ug/Kg		4/23/2020 18:13
1,2-Dichlorobenzene	< 332	ug/Kg		4/23/2020 18:13

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-22 1-3 Ft		
Lab Sample ID:	201697-08	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 332	ug/Kg	4/23/2020	18:13
1,4-Dichlorobenzene	< 332	ug/Kg	4/23/2020	18:13
2,2-Oxybis (1-chloropropane)	< 332	ug/Kg	4/23/2020	18:13
2,3,4,6-Tetrachlorophenol	< 332	ug/Kg	4/23/2020	18:13
2,4,5-Trichlorophenol	< 332	ug/Kg	4/23/2020	18:13
2,4,6-Trichlorophenol	< 332	ug/Kg	4/23/2020	18:13
2,4-Dichlorophenol	< 332	ug/Kg	4/23/2020	18:13
2,4-Dimethylphenol	< 332	ug/Kg	4/23/2020	18:13
2,4-Dinitrophenol	< 1330	ug/Kg	4/23/2020	18:13
2,4-Dinitrotoluene	< 332	ug/Kg	4/23/2020	18:13
2,6-Dinitrotoluene	< 332	ug/Kg	4/23/2020	18:13
2-Chloronaphthalene	< 332	ug/Kg	4/23/2020	18:13
2-Chlorophenol	< 332	ug/Kg	4/23/2020	18:13
2-Methylnapthalene	< 332	ug/Kg	4/23/2020	18:13
2-Methylphenol	< 332	ug/Kg	4/23/2020	18:13
2-Nitroaniline	< 332	ug/Kg	4/23/2020	18:13
2-Nitrophenol	< 332	ug/Kg	4/23/2020	18:13
3&4-Methylphenol	< 332	ug/Kg	4/23/2020	18:13
3,3'-Dichlorobenzidine	< 332	ug/Kg	4/23/2020	18:13
3-Nitroaniline	< 332	ug/Kg	4/23/2020	18:13
4,6-Dinitro-2-methylphenol	< 444	ug/Kg	4/23/2020	18:13
4-Bromophenyl phenyl ether	< 332	ug/Kg	4/23/2020	18:13
4-Chloro-3-methylphenol	< 332	ug/Kg	4/23/2020	18:13
4-Chloroaniline	< 332	ug/Kg	4/23/2020	18:13
4-Chlorophenyl phenyl ether	< 332	ug/Kg	4/23/2020	18:13
4-Nitroaniline	< 332	ug/Kg	4/23/2020	18:13
4-Nitrophenol	< 332	ug/Kg	4/23/2020	18:13
Acenaphthene	< 332	ug/Kg	4/23/2020	18:13
Acenaphthylene	< 332	ug/Kg	4/23/2020	18:13
Acetophenone	< 332	ug/Kg	4/23/2020	18:13

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-22 1-3 Ft		
Lab Sample ID:	201697-08	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	< 332	ug/Kg	4/23/2020	18:13
Atrazine	< 332	ug/Kg	4/23/2020	18:13
Benzaldehyde	< 332	ug/Kg	4/23/2020	18:13
Benzo (a) anthracene	< 332	ug/Kg	4/23/2020	18:13
Benzo (a) pyrene	< 332	ug/Kg	4/23/2020	18:13
Benzo (b) fluoranthene	< 332	ug/Kg	4/23/2020	18:13
Benzo (g,h,i) perylene	< 332	ug/Kg	4/23/2020	18:13
Benzo (k) fluoranthene	< 332	ug/Kg	4/23/2020	18:13
Bis (2-chloroethoxy) methane	< 332	ug/Kg	4/23/2020	18:13
Bis (2-chloroethyl) ether	< 332	ug/Kg	4/23/2020	18:13
Bis (2-ethylhexyl) phthalate	< 332	ug/Kg	4/23/2020	18:13
Butylbenzylphthalate	< 332	ug/Kg	4/23/2020	18:13
Caprolactam	< 332	ug/Kg	4/23/2020	18:13
Carbazole	< 332	ug/Kg	4/23/2020	18:13
Chrysene	< 332	ug/Kg	4/23/2020	18:13
Dibenz (a,h) anthracene	< 332	ug/Kg	4/23/2020	18:13
Dibenzofuran	< 332	ug/Kg	4/23/2020	18:13
Diethyl phthalate	< 332	ug/Kg	4/23/2020	18:13
Dimethyl phthalate	< 332	ug/Kg	4/23/2020	18:13
Di-n-butyl phthalate	< 332	ug/Kg	4/23/2020	18:13
Di-n-octylphthalate	< 332	ug/Kg	4/23/2020	18:13
Fluoranthene	< 332	ug/Kg	4/23/2020	18:13
Fluorene	< 332	ug/Kg	4/23/2020	18:13
Hexachlorobenzene	< 332	ug/Kg	4/23/2020	18:13
Hexachlorobutadiene	< 332	ug/Kg	4/23/2020	18:13
Hexachlorocyclopentadiene	< 1330	ug/Kg	4/23/2020	18:13
Hexachloroethane	< 332	ug/Kg	4/23/2020	18:13
Indeno (1,2,3-cd) pyrene	< 332	ug/Kg	4/23/2020	18:13
Isophorone	< 332	ug/Kg	4/23/2020	18:13
Naphthalene	< 332	ug/Kg	4/23/2020	18:13

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-22 1-3 Ft		
Lab Sample ID:	201697-08	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 332	ug/Kg		4/23/2020 18:13
N-Nitroso-di-n-propylamine	< 332	ug/Kg		4/23/2020 18:13
N-Nitrosodiphenylamine	< 332	ug/Kg		4/23/2020 18:13
Pentachlorophenol	< 663	ug/Kg		4/23/2020 18:13
Phenanthrene	< 332	ug/Kg		4/23/2020 18:13
Phenol	< 332	ug/Kg		4/23/2020 18:13
Pyrene	< 332	ug/Kg		4/23/2020 18:13

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**78.7**	39 - 88.1		4/23/2020 18:13
2-Fluorobiphenyl	**72.9**	42.5 - 81.1		4/23/2020 18:13
2-Fluorophenol	**72.1**	39.8 - 77.3		4/23/2020 18:13
Nitrobenzene-d5	**71.2**	40.1 - 77.1		4/23/2020 18:13
Phenol-d5	**74.3**	41.7 - 76.6		4/23/2020 18:13
Terphenyl-d14	**75.6**	41.6 - 96.8		4/23/2020 18:13

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45916.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-23 0.5-2 Ft		
Lab Sample ID:	201697-09	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**3.99**	mg/Kg		4/24/2020 18:56
Barium	**99.7**	mg/Kg		4/24/2020 18:56
Beryllium	< 0.300	mg/Kg		4/24/2020 18:56
Cadmium	**0.331**	mg/Kg		4/24/2020 18:56
Chromium	**14.3**	mg/Kg		4/24/2020 18:56
Copper	**16.1**	mg/Kg		4/24/2020 18:56
Lead	**72.6**	mg/Kg		4/24/2020 18:56
Manganese	**492**	mg/Kg		4/24/2020 18:56
Nickel	**11.3**	mg/Kg		4/24/2020 18:56
Selenium	**1.87**	mg/Kg		4/24/2020 18:56
Silver	**0.872**	mg/Kg		4/24/2020 18:56
Zinc	**111**	mg/Kg		4/27/2020 16:39

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.141**	mg/Kg		4/23/2020 09:39

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 305	ug/Kg		4/23/2020 18:42
1,2,4,5-Tetrachlorobenzene	< 305	ug/Kg		4/23/2020 18:42
1,2,4-Trichlorobenzene	< 305	ug/Kg		4/23/2020 18:42
1,2-Dichlorobenzene	< 305	ug/Kg		4/23/2020 18:42

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-23 0.5-2 Ft		
Lab Sample ID:	201697-09	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 305	ug/Kg	4/23/2020	18:42
1,4-Dichlorobenzene	< 305	ug/Kg	4/23/2020	18:42
2,2-Oxybis (1-chloropropane)	< 305	ug/Kg	4/23/2020	18:42
2,3,4,6-Tetrachlorophenol	< 305	ug/Kg	4/23/2020	18:42
2,4,5-Trichlorophenol	< 305	ug/Kg	4/23/2020	18:42
2,4,6-Trichlorophenol	< 305	ug/Kg	4/23/2020	18:42
2,4-Dichlorophenol	< 305	ug/Kg	4/23/2020	18:42
2,4-Dimethylphenol	< 305	ug/Kg	4/23/2020	18:42
2,4-Dinitrophenol	< 1220	ug/Kg	4/23/2020	18:42
2,4-Dinitrotoluene	< 305	ug/Kg	4/23/2020	18:42
2,6-Dinitrotoluene	< 305	ug/Kg	4/23/2020	18:42
2-Chloronaphthalene	< 305	ug/Kg	4/23/2020	18:42
2-Chlorophenol	< 305	ug/Kg	4/23/2020	18:42
2-Methylnapthalene	< 305	ug/Kg	4/23/2020	18:42
2-Methylphenol	< 305	ug/Kg	4/23/2020	18:42
2-Nitroaniline	< 305	ug/Kg	4/23/2020	18:42
2-Nitrophenol	< 305	ug/Kg	4/23/2020	18:42
3&4-Methylphenol	< 305	ug/Kg	4/23/2020	18:42
3,3'-Dichlorobenzidine	< 305	ug/Kg	4/23/2020	18:42
3-Nitroaniline	< 305	ug/Kg	4/23/2020	18:42
4,6-Dinitro-2-methylphenol	< 408	ug/Kg	4/23/2020	18:42
4-Bromophenyl phenyl ether	< 305	ug/Kg	4/23/2020	18:42
4-Chloro-3-methylphenol	< 305	ug/Kg	4/23/2020	18:42
4-Chloroaniline	< 305	ug/Kg	4/23/2020	18:42
4-Chlorophenyl phenyl ether	< 305	ug/Kg	4/23/2020	18:42
4-Nitroaniline	< 305	ug/Kg	4/23/2020	18:42
4-Nitrophenol	< 305	ug/Kg	4/23/2020	18:42
Acenaphthene	< 305	ug/Kg	4/23/2020	18:42
Acenaphthylene	< 305	ug/Kg	4/23/2020	18:42
Acetophenone	< 305	ug/Kg	4/23/2020	18:42

Sample Identifier:	BH-23 0.5-2 Ft		
Lab Sample ID:	201697-09	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	< 305	ug/Kg	4/23/2020	18:42
Atrazine	< 305	ug/Kg	4/23/2020	18:42
Benzaldehyde	< 305	ug/Kg	4/23/2020	18:42
Benzo (a) anthracene	< 305	ug/Kg	4/23/2020	18:42
Benzo (a) pyrene	< 305	ug/Kg	4/23/2020	18:42
Benzo (b) fluoranthene	< 305	ug/Kg	4/23/2020	18:42
Benzo (g,h,i) perylene	< 305	ug/Kg	4/23/2020	18:42
Benzo (k) fluoranthene	< 305	ug/Kg	4/23/2020	18:42
Bis (2-chloroethoxy) methane	< 305	ug/Kg	4/23/2020	18:42
Bis (2-chloroethyl) ether	< 305	ug/Kg	4/23/2020	18:42
Bis (2-ethylhexyl) phthalate	< 305	ug/Kg	4/23/2020	18:42
Butylbenzylphthalate	< 305	ug/Kg	4/23/2020	18:42
Caprolactam	< 305	ug/Kg	4/23/2020	18:42
Carbazole	< 305	ug/Kg	4/23/2020	18:42
Chrysene	< 305	ug/Kg	4/23/2020	18:42
Dibenz (a,h) anthracene	< 305	ug/Kg	4/23/2020	18:42
Dibenzofuran	< 305	ug/Kg	4/23/2020	18:42
Diethyl phthalate	< 305	ug/Kg	4/23/2020	18:42
Dimethyl phthalate	< 305	ug/Kg	4/23/2020	18:42
Di-n-butyl phthalate	< 305	ug/Kg	4/23/2020	18:42
Di-n-octylphthalate	< 305	ug/Kg	4/23/2020	18:42
Fluoranthene	< 305	ug/Kg	4/23/2020	18:42
Fluorene	< 305	ug/Kg	4/23/2020	18:42
Hexachlorobenzene	< 305	ug/Kg	4/23/2020	18:42
Hexachlorobutadiene	< 305	ug/Kg	4/23/2020	18:42
Hexachlorocyclopentadiene	< 1220	ug/Kg	4/23/2020	18:42
Hexachloroethane	< 305	ug/Kg	4/23/2020	18:42
Indeno (1,2,3-cd) pyrene	< 305	ug/Kg	4/23/2020	18:42
Isophorone	< 305	ug/Kg	4/23/2020	18:42
Naphthalene	< 305	ug/Kg	4/23/2020	18:42

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-23 0.5-2 Ft		
Lab Sample ID:	201697-09	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 305	ug/Kg		4/23/2020 18:42
N-Nitroso-di-n-propylamine	< 305	ug/Kg		4/23/2020 18:42
N-Nitrosodiphenylamine	< 305	ug/Kg		4/23/2020 18:42
Pentachlorophenol	< 610	ug/Kg		4/23/2020 18:42
Phenanthrene	< 305	ug/Kg		4/23/2020 18:42
Phenol	< 305	ug/Kg		4/23/2020 18:42
Pyrene	< 305	ug/Kg		4/23/2020 18:42

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**74.3**	39 - 88.1		4/23/2020 18:42
2-Fluorobiphenyl	**69.0**	42.5 - 81.1		4/23/2020 18:42
2-Fluorophenol	**65.5**	39.8 - 77.3		4/23/2020 18:42
Nitrobenzene-d5	**63.5**	40.1 - 77.1		4/23/2020 18:42
Phenol-d5	**67.9**	41.7 - 76.6		4/23/2020 18:42
Terphenyl-d14	**69.1**	41.6 - 96.8		4/23/2020 18:42

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45917.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-25 0-2 Ft		
Lab Sample ID:	201697-10	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**7.99**	mg/Kg		4/24/2020 19:01
Barium	**178**	mg/Kg		4/24/2020 19:01
Beryllium	< 0.294	mg/Kg		4/24/2020 19:01
Cadmium	**0.857**	mg/Kg		4/24/2020 19:01
Chromium	**14.8**	mg/Kg		4/24/2020 19:01
Copper	**32.9**	mg/Kg		4/24/2020 19:01
Lead	**705**	mg/Kg		4/24/2020 19:01
Manganese	**296**	mg/Kg		4/24/2020 19:01
Nickel	**12.8**	mg/Kg		4/24/2020 19:01
Selenium	< 1.18	mg/Kg		4/24/2020 19:01
Silver	**1.01**	mg/Kg		4/24/2020 19:01
Zinc	**489**	mg/Kg		4/27/2020 16:44

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**2.21**	mg/Kg		4/23/2020 10:04

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 326	ug/Kg		4/23/2020 19:11
1,2,4,5-Tetrachlorobenzene	< 326	ug/Kg		4/23/2020 19:11
1,2,4-Trichlorobenzene	< 326	ug/Kg		4/23/2020 19:11
1,2-Dichlorobenzene	< 326	ug/Kg		4/23/2020 19:11

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-25 0-2 Ft		
Lab Sample ID:	201697-10	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 326	ug/Kg	4/23/2020	19:11
1,4-Dichlorobenzene	< 326	ug/Kg	4/23/2020	19:11
2,2-Oxybis (1-chloropropane)	< 326	ug/Kg	4/23/2020	19:11
2,3,4,6-Tetrachlorophenol	< 326	ug/Kg	4/23/2020	19:11
2,4,5-Trichlorophenol	< 326	ug/Kg	4/23/2020	19:11
2,4,6-Trichlorophenol	< 326	ug/Kg	4/23/2020	19:11
2,4-Dichlorophenol	< 326	ug/Kg	4/23/2020	19:11
2,4-Dimethylphenol	< 326	ug/Kg	4/23/2020	19:11
2,4-Dinitrophenol	< 1300	ug/Kg	4/23/2020	19:11
2,4-Dinitrotoluene	< 326	ug/Kg	4/23/2020	19:11
2,6-Dinitrotoluene	< 326	ug/Kg	4/23/2020	19:11
2-Chloronaphthalene	< 326	ug/Kg	4/23/2020	19:11
2-Chlorophenol	< 326	ug/Kg	4/23/2020	19:11
2-Methylnapthalene	< 326	ug/Kg	4/23/2020	19:11
2-Methylphenol	< 326	ug/Kg	4/23/2020	19:11
2-Nitroaniline	< 326	ug/Kg	4/23/2020	19:11
2-Nitrophenol	< 326	ug/Kg	4/23/2020	19:11
3&4-Methylphenol	< 326	ug/Kg	4/23/2020	19:11
3,3'-Dichlorobenzidine	< 326	ug/Kg	4/23/2020	19:11
3-Nitroaniline	< 326	ug/Kg	4/23/2020	19:11
4,6-Dinitro-2-methylphenol	< 436	ug/Kg	4/23/2020	19:11
4-Bromophenyl phenyl ether	< 326	ug/Kg	4/23/2020	19:11
4-Chloro-3-methylphenol	< 326	ug/Kg	4/23/2020	19:11
4-Chloroaniline	< 326	ug/Kg	4/23/2020	19:11
4-Chlorophenyl phenyl ether	< 326	ug/Kg	4/23/2020	19:11
4-Nitroaniline	< 326	ug/Kg	4/23/2020	19:11
4-Nitrophenol	< 326	ug/Kg	4/23/2020	19:11
Acenaphthene	< 326	ug/Kg	4/23/2020	19:11
Acenaphthylene	< 326	ug/Kg	4/23/2020	19:11
Acetophenone	< 326	ug/Kg	4/23/2020	19:11

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-25 0-2 Ft		
Lab Sample ID:	201697-10	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	< 326	ug/Kg	4/23/2020	19:11
Atrazine	< 326	ug/Kg	4/23/2020	19:11
Benzaldehyde	< 326	ug/Kg	4/23/2020	19:11
Benzo (a) anthracene	< 326	ug/Kg	4/23/2020	19:11
Benzo (a) pyrene	< 326	ug/Kg	4/23/2020	19:11
Benzo (b) fluoranthene	< 326	ug/Kg	4/23/2020	19:11
Benzo (g,h,i) perylene	< 326	ug/Kg	4/23/2020	19:11
Benzo (k) fluoranthene	< 326	ug/Kg	4/23/2020	19:11
Bis (2-chloroethoxy) methane	< 326	ug/Kg	4/23/2020	19:11
Bis (2-chloroethyl) ether	< 326	ug/Kg	4/23/2020	19:11
Bis (2-ethylhexyl) phthalate	< 326	ug/Kg	4/23/2020	19:11
Butylbenzylphthalate	< 326	ug/Kg	4/23/2020	19:11
Caprolactam	< 326	ug/Kg	4/23/2020	19:11
Carbazole	< 326	ug/Kg	4/23/2020	19:11
Chrysene	< 326	ug/Kg	4/23/2020	19:11
Dibenz (a,h) anthracene	< 326	ug/Kg	4/23/2020	19:11
Dibenzofuran	< 326	ug/Kg	4/23/2020	19:11
Diethyl phthalate	< 326	ug/Kg	4/23/2020	19:11
Dimethyl phthalate	< 326	ug/Kg	4/23/2020	19:11
Di-n-butyl phthalate	< 326	ug/Kg	4/23/2020	19:11
Di-n-octylphthalate	< 326	ug/Kg	4/23/2020	19:11
Fluoranthene	< 326	ug/Kg	4/23/2020	19:11
Fluorene	< 326	ug/Kg	4/23/2020	19:11
Hexachlorobenzene	< 326	ug/Kg	4/23/2020	19:11
Hexachlorobutadiene	< 326	ug/Kg	4/23/2020	19:11
Hexachlorocyclopentadiene	< 1300	ug/Kg	4/23/2020	19:11
Hexachloroethane	< 326	ug/Kg	4/23/2020	19:11
Indeno (1,2,3-cd) pyrene	< 326	ug/Kg	4/23/2020	19:11
Isophorone	< 326	ug/Kg	4/23/2020	19:11
Naphthalene	< 326	ug/Kg	4/23/2020	19:11

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-25 0-2 Ft		
Lab Sample ID:	201697-10	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 326	ug/Kg	4/23/2020	19:11
N-Nitroso-di-n-propylamine	< 326	ug/Kg	4/23/2020	19:11
N-Nitrosodiphenylamine	< 326	ug/Kg	4/23/2020	19:11
Pentachlorophenol	< 652	ug/Kg	4/23/2020	19:11
Phenanthrene	< 326	ug/Kg	4/23/2020	19:11
Phenol	< 326	ug/Kg	4/23/2020	19:11
Pyrene	< 326	ug/Kg	4/23/2020	19:11

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2,4,6-Tribromophenol	**62.0**	39 - 88.1		4/23/2020	19:11
2-Fluorobiphenyl	**66.9**	42.5 - 81.1		4/23/2020	19:11
2-Fluorophenol	**61.2**	39.8 - 77.3		4/23/2020	19:11
Nitrobenzene-d5	**61.2**	40.1 - 77.1		4/23/2020	19:11
Phenol-d5	**61.5**	41.7 - 76.6		4/23/2020	19:11
Terphenyl-d14	**58.9**	41.6 - 96.8		4/23/2020	19:11

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45918.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-26 1-2 Ft		
Lab Sample ID:	201697-11	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**5.34**	mg/Kg		4/24/2020 19:05
Barium	**151**	mg/Kg		4/24/2020 19:05
Beryllium	< 0.294	mg/Kg		4/24/2020 19:05
Cadmium	**0.610**	mg/Kg		4/24/2020 19:05
Chromium	**17.0**	mg/Kg		4/24/2020 19:05
Copper	**22.8**	mg/Kg		4/24/2020 19:05
Lead	**200**	mg/Kg		4/24/2020 19:05
Manganese	**536**	mg/Kg		4/24/2020 19:05
Nickel	**15.7**	mg/Kg		4/24/2020 19:05
Selenium	**1.71**	mg/Kg		4/24/2020 19:05
Silver	**1.06**	mg/Kg		4/24/2020 19:05
Zinc	**183**	mg/Kg		4/27/2020 16:48

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/24/2020

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.340**	mg/Kg	DM	4/23/2020 09:43

Method Reference(s): EPA 7471B
Preparation Date: 4/22/2020
Data File: Hg200423A

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 299	ug/Kg		4/23/2020 19:39
1,2,4,5-Tetrachlorobenzene	< 299	ug/Kg		4/23/2020 19:39
1,2,4-Trichlorobenzene	< 299	ug/Kg		4/23/2020 19:39
1,2-Dichlorobenzene	< 299	ug/Kg		4/23/2020 19:39

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-26 1-2 Ft		
Lab Sample ID:	201697-11	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

1,3-Dichlorobenzene	< 299	ug/Kg	4/23/2020	19:39
1,4-Dichlorobenzene	< 299	ug/Kg	4/23/2020	19:39
2,2-Oxybis (1-chloropropane)	< 299	ug/Kg	4/23/2020	19:39
2,3,4,6-Tetrachlorophenol	< 299	ug/Kg	4/23/2020	19:39
2,4,5-Trichlorophenol	< 299	ug/Kg	4/23/2020	19:39
2,4,6-Trichlorophenol	< 299	ug/Kg	4/23/2020	19:39
2,4-Dichlorophenol	< 299	ug/Kg	4/23/2020	19:39
2,4-Dimethylphenol	< 299	ug/Kg	4/23/2020	19:39
2,4-Dinitrophenol	< 1200	ug/Kg	4/23/2020	19:39
2,4-Dinitrotoluene	< 299	ug/Kg	4/23/2020	19:39
2,6-Dinitrotoluene	< 299	ug/Kg	4/23/2020	19:39
2-Chloronaphthalene	< 299	ug/Kg	4/23/2020	19:39
2-Chlorophenol	< 299	ug/Kg	4/23/2020	19:39
2-Methylnapthalene	< 299	ug/Kg	4/23/2020	19:39
2-Methylphenol	< 299	ug/Kg	4/23/2020	19:39
2-Nitroaniline	< 299	ug/Kg	4/23/2020	19:39
2-Nitrophenol	< 299	ug/Kg	4/23/2020	19:39
3&4-Methylphenol	< 299	ug/Kg	4/23/2020	19:39
3,3'-Dichlorobenzidine	< 299	ug/Kg	4/23/2020	19:39
3-Nitroaniline	< 299	ug/Kg	4/23/2020	19:39
4,6-Dinitro-2-methylphenol	< 400	ug/Kg	4/23/2020	19:39
4-Bromophenyl phenyl ether	< 299	ug/Kg	4/23/2020	19:39
4-Chloro-3-methylphenol	< 299	ug/Kg	4/23/2020	19:39
4-Chloroaniline	< 299	ug/Kg	4/23/2020	19:39
4-Chlorophenyl phenyl ether	< 299	ug/Kg	4/23/2020	19:39
4-Nitroaniline	< 299	ug/Kg	4/23/2020	19:39
4-Nitrophenol	< 299	ug/Kg	4/23/2020	19:39
Acenaphthene	< 299	ug/Kg	4/23/2020	19:39
Acenaphthylene	< 299	ug/Kg	4/23/2020	19:39
Acetophenone	< 299	ug/Kg	4/23/2020	19:39

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-26 1-2 Ft		
Lab Sample ID:	201697-11	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Anthracene	< 299	ug/Kg	4/23/2020	19:39
Atrazine	< 299	ug/Kg	4/23/2020	19:39
Benzaldehyde	< 299	ug/Kg	4/23/2020	19:39
Benzo (a) anthracene	< 299	ug/Kg	4/23/2020	19:39
Benzo (a) pyrene	< 299	ug/Kg	4/23/2020	19:39
Benzo (b) fluoranthene	< 299	ug/Kg	4/23/2020	19:39
Benzo (g,h,i) perylene	< 299	ug/Kg	4/23/2020	19:39
Benzo (k) fluoranthene	< 299	ug/Kg	4/23/2020	19:39
Bis (2-chloroethoxy) methane	< 299	ug/Kg	4/23/2020	19:39
Bis (2-chloroethyl) ether	< 299	ug/Kg	4/23/2020	19:39
Bis (2-ethylhexyl) phthalate	< 299	ug/Kg	4/23/2020	19:39
Butylbenzylphthalate	< 299	ug/Kg	4/23/2020	19:39
Caprolactam	< 299	ug/Kg	4/23/2020	19:39
Carbazole	< 299	ug/Kg	4/23/2020	19:39
Chrysene	< 299	ug/Kg	4/23/2020	19:39
Dibenz (a,h) anthracene	< 299	ug/Kg	4/23/2020	19:39
Dibenzofuran	< 299	ug/Kg	4/23/2020	19:39
Diethyl phthalate	< 299	ug/Kg	4/23/2020	19:39
Dimethyl phthalate	< 299	ug/Kg	4/23/2020	19:39
Di-n-butyl phthalate	< 299	ug/Kg	4/23/2020	19:39
Di-n-octylphthalate	< 299	ug/Kg	4/23/2020	19:39
Fluoranthene	< 299	ug/Kg	4/23/2020	19:39
Fluorene	< 299	ug/Kg	4/23/2020	19:39
Hexachlorobenzene	< 299	ug/Kg	4/23/2020	19:39
Hexachlorobutadiene	< 299	ug/Kg	4/23/2020	19:39
Hexachlorocyclopentadiene	< 1200	ug/Kg	4/23/2020	19:39
Hexachloroethane	< 299	ug/Kg	4/23/2020	19:39
Indeno (1,2,3-cd) pyrene	< 299	ug/Kg	4/23/2020	19:39
Isophorone	< 299	ug/Kg	4/23/2020	19:39
Naphthalene	< 299	ug/Kg	4/23/2020	19:39

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 201697

Client: **BE3**

Project Reference: Pilgrim Village 2

Sample Identifier:	BH-26 1-2 Ft		
Lab Sample ID:	201697-11	**Date Sampled:**	4/20/2020
Matrix:	Soil	**Date Received:**	4/22/2020

Nitrobenzene	< 299	ug/Kg		4/23/2020 19:39
N-Nitroso-di-n-propylamine	< 299	ug/Kg		4/23/2020 19:39
N-Nitrosodiphenylamine	< 299	ug/Kg		4/23/2020 19:39
Pentachlorophenol	< 599	ug/Kg		4/23/2020 19:39
Phenanthrene	< 299	ug/Kg		4/23/2020 19:39
Phenol	< 299	ug/Kg		4/23/2020 19:39
Pyrene	< 299	ug/Kg		4/23/2020 19:39

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
2,4,6-Tribromophenol	**63.2**	39 - 88.1		4/23/2020 19:39
2-Fluorobiphenyl	**66.0**	42.5 - 81.1		4/23/2020 19:39
2-Fluorophenol	**60.7**	39.8 - 77.3		4/23/2020 19:39
Nitrobenzene-d5	**61.3**	40.1 - 77.1		4/23/2020 19:39
Phenol-d5	**63.7**	41.7 - 76.6		4/23/2020 19:39
Terphenyl-d14	**63.1**	41.6 - 96.8		4/23/2020 19:39

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/23/2020
Data File: B45919.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

CHAIN OF CUSTODY

PARADIGM

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	BE 3	CLIENT:	SAME	201097
ADDRESS:	1270 NIAGARA	ADDRESS:		Quotation #:
CITY:	BUFFALO STATE: N.Y. ZIP: 14213	CITY:	STATE: ZIP:	Email: pgorton@be3corp.com
PHONE:	716-308-8220	PHONE:		
ATTN:	PETE GORTON	ATTN:		

PROJECT REFERENCE

PILGRIM VILLAGE 2

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
4-20-20	855		X	BH-14 0.5-2 FT	SO	1	X	X		01
	915			BH-15 0-1 FT					*HOLD*	
	940			BH-16 0-1 FT						02
	953			BH-17 0-2 FT						03
	1015			BH-18 1-3 FT						04
	1030			BH-19 1-3 FT						05
	1045			BH-20 1-3 FT						06
	1105			BH-21 1-3 FT						07
	1125			BH-22 1-3 FT						08
	1150			BH-23 0.5-2 FT					5°C; cud 4/22/2020 1454	09

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required	X	None Required X
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 :

Jesse Zientek	4-20-20 / 2:00 PM	Total Cost:
Sampled By	Date/Time	
Relinquished By	4-21-20 / 8:20 AM Date/Time	
Brian Zeuch	4-21-20 8:20	P.I.F.
Received By	Date/Time	
Received @ Lab By	4/22/2020 1510 Date/Time	

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

See additional page for sample conditions.

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

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	BE3	CLIENT:	SAME	201697
ADDRESS:	1270 Niagara	ADDRESS:		Quotation #:
CITY:	Buffalo STATE: NY ZIP: 14213	CITY: STATE: ZIP:		
PHONE:	716-308-8220	PHONE:		Email: pgorton@be3corp.com
ATTN:	PETE GORDON	ATTN:		

PROJECT REFERENCE

Pilgrim Village 2

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
4-20-20	1200		X	BH-24 1-3FT	SO	1			*HOLD*	
↓	1225		↓	BH-25 0-2FT	↓	↓				10
↓	1255		↓	BH-26 1-2FT	↓	↓				11

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	☐			
Date Needed _____ please indicate date needed: _____		Other ☐ please indicate package needed: _____		Other EDD ☐ please indicate EDD needed : _____

Jesse Zientek	4-20-20 / 2:00pm	Total Cost:
Sampled By	Date/Time	
[signature]	4-21-20 / 8:20 AM	
Relinquished By	Date/Time	
[signature]	4-21-20 8:30	
Received By	Date/Time	P.I.F.
[signature]	4/22/2020 1510	
Received @ Lab By	Date/Time	

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:** MolyVail

Lab Project ID: 201697 **Date:** 4/22/2020

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		wet
Comments	5°C iced		
Compliant Sample Quantity/Type	X		
Comments			

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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: 42.903325 N Long: 78.863948 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-14**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	0-0.5 Asphalt
1					
2					0.5-2 feet - Gravelly silty sand
3					
4					
5					
6					
7					
8					
9					
10					2-10 feet light brown sand
11					
12					10-12 feet gravelly sand, course, wet, grey
13					
14					
15					
16					
17					
18					
19					
20					

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

Geoprobe
Bore Hole Log

BE3CORP PANAMERICAN
ENVIRONMENT • ENGINEERING • ENERGY
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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: 42.54219 N Long: 78.51835 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-15**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					0-3 feet sandy clayey silt, pieces of brick
4					3-4 feet red brown clay
5					
6					
7					
8					4-8 sand, wet @ 8 ft
9					
10					
11					
12					8-12 feet sand transition to gravelly sand
13					
14					
15					
16					
17					
18					
19					
20					

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

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: 42.54224 N Long: 78.51847 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-16**	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 sandy clayey silt, with brick, ceramic
5					
6					4-6 feet Dark brown silty clay
7					
8					6-8 feet red brown clay
9					
10					
11					
12					8-12 feet red brown clay, stiff
13					
14					
15					
16					
17					
18					
19					
20					

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

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: 42.54235 N Long: 78.51855 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-17**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					0-3 feet sandy clayey silt, with brick, cinder, gravel
4					3-4 feet transition to dark borwn silty clay
5					
6					
7					
8					4-8 feet red brown clay
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

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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: 42.54228 N Long: 78.51880 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-18**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					
3					0-3 feet sandy clayey silt
4					
5					3-5 feet sandy clayey silt, with mulch, concrete stone, cinder, gravel
6					
7					
					5-7.5 feet red brown clay
8					7.5-8 feet silty sand
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 1-3 feet

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: 42.54216 N Long: 78.51864 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-19**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
					0-1.5 feet sandy clayey silt
2					
3					
4					1.5-4 feet silty clay with some sand lens
5					
6					
7					
8					4-8 feet red brown clay, stiff
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 1-3 feet

Geoprobe
Bore Hole Log

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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: 42.54206 N Long: 78.51888 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-20**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	0-0.5 feet asphalt gravel
1					
2					0.5-2 feet sandy clayey silt, brown
3					
4					2-4 feet sandy clayey silt black
5					4-5 feet SAS, with brick, glass
6					
7					
8					5-8 feet red brown clay
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 1-3 feet

Geoprobe
Bore Hole Log

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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: 42.54187 N Long: 78.51882 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-21**	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 sandy clayey silt, fill
5					4-5 feet sandy silt, soft
6					5-6 feet silty sand, soft
7					
8					6-8 feet red brown clay
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 1-3 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: 42.54216 N Long: 78.51882 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-22**	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 sandy silty clay, with pieces of coal
5					
6					Hit water line
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 1-3 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: 42.54200 N Long: 78.51855 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-23**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					0-2 silty clay
3					
4					
5					
6					
7					
8					red brown clay
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 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: 42.542 N Long: 78.518 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-24**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					0.2 feet sandy clayey silt
3					
4					2-4 feet silty sand
5					
6					
7					
8					4-8 feet silty sandy gravel, fill
9					
10					
11					
12					8-12 feet sandy gravel, wet (not sure if native)
13					
14					
15					
16					
17					
18					
19					
20					

Comments: 0 PPM on PID
Soil Sample from 0-2 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: 42.54196 N Long: 78.51849 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-25**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					0-2 feet sandy clayey silt, fill with coal
3					
4					
5					2-5 feet red brown clay
6					
7					
8					5-8 feet borwn clayey silt, wet
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

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Project:		Pilgrim Village Northeast Section	
Client:	SAA/EVI	Location:	1100 Michigan Ave, Buffalo, NY
Contractor:	TREC Env.	Lat/Long:	Lat: 42.54178 N Long: 78.51833 W
Date Started:	4/20/2020	Equipment Model:	Geoprobe 54LT and 4ft Sampler
Date Completed:	4/20/2020	Geologist/Technician:	P. Gorton
Operator:	Trec	Ground Water:	
Bore Hole Number:	**BH-26**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0				0.0	
1					
2					0-2 feet sandy clayey silt, fill
3					
4					
5					
6					2-6 feet red brown clay
7					
8					6-8 feet clayey silt, wet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

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