

HRS DOCUMENTATION RECORD COVER SHEET

Name of Site: Historic Potteries

EPA ID No. NJN000203535

Contact Persons

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New York, NY

Region 2 Site Assessment Team
Weston Solutions, Inc.
Edison, NJ

Pathways, Components or Threats Not Scored

The ground water, surface water, and air migration pathways, as well as the nearby population threat of the soil exposure component and the subsurface intrusion component of the soil exposure and subsurface intrusion pathway, are not scored in this Hazard Ranking System (HRS) documentation record because the resident population threat of the soil exposure component of the soil exposure and subsurface intrusion pathway is sufficient to qualify the site for the National Priorities List (NPL). The ground water, surface water, and air migration pathways, and the nearby population threat of the soil exposure component and the subsurface intrusion component of the soil exposure and subsurface intrusion pathway, may be considered during a future evaluation. At the time of the listing, the site score is sufficient without, and the listing of the site would not be changed by, the addition of the threats, components, and pathways mentioned above.

HRS DOCUMENTATION RECORD

Name of Site: Historic Potteries Date Prepared: September 2024

EPA Region: 2

Street Address of Site*: Mulberry Street & Breunig Avenue

City, County, State, Zip Code: Trenton (Mercer County), NJ 08638

General Location in the State: State capital (middle portion of state)

Topographic Map: Trenton East and Trenton West, NJ, PA

Latitude*: 40° 14' 11.5476" North (40.236541°)

Longitude*: 74° 44' 21.6996" West (-74.739361°)

Site Reference Point: The site location coordinates correspond to the intersection of Mulberry Street and Breunig Avenue. The intersection is near the northeastern corner of the area of observed contamination (AOC) at the site.

References: [Figure 1 of this HRS documentation record; Refs. 3, p. 1; 4, p. 1; 5, p. 1]

* The street address, coordinates, and contaminant locations presented in this HRS documentation record identify the general area where the site is located. They represent one or more locations EPA considers to be part of the site based on the screening information EPA used to evaluate the site for National Priority List (NPL) listing. EPA lists national priorities among the known "releases or threatened releases" of hazardous substances; thus, the focus is on the release, not precisely delineated boundaries. A site is defined as where a hazardous substance has been "deposited, stored, disposed, or placed, or has otherwise come to be located." Generally, HRS scoring and the subsequent listing of a release merely represent the initial determination that a certain area may need to be addressed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Accordingly, EPA contemplates that the preliminary description of facility boundaries at the time of scoring will be refined as more information is developed as to where the contamination has come to be located.

Scores

Ground Water ¹ Pathway	Not Scored
Surface Water Pathway	Not Scored
Soil Exposure and Subsurface Intrusion Pathway	98.27
Air Pathway	Not Scored
HRS SITE SCORE	49.13

¹ "Ground water" and "groundwater" are synonymous; the spelling is different due to "ground water" being codified as part of the HRS, while "groundwater" is the modern spelling.

WORKSHEET FOR COMPUTING HRS SITE SCORE
Historic Potteries
Trenton, NJ

	<u>S</u>	<u>S²</u>
1. Ground Water Migration Pathway Score (S_{gw}) (from Table 3-1, line 13)	Not Scored	
2a. Surface Water Overland/Flood Migration Component (from Table 4-1, line 30)	Not Scored	
2b. Ground Water to Surface Water Migration Component (from Table 4-25, line 28)	Not Scored	
2c. Surface Water Migration Pathway Score (S_{sw}) Enter the larger of lines 2a and 2b as the pathway score.	Not Scored	
3a. Soil Exposure Component Score (S_{se}) (from Table 5-1, line 22)	98.27	9,656.99
3b. Subsurface Intrusion Component Score (S_{ssi}) (from Table 5-11, line 12)	Not Scored	
3c. Soil Exposure and Subsurface Intrusion Pathway Score (S_{sessi}) (from Table 5-11, line 13)	98.27	9,656.99
4. Air Migration Pathway Score (S_a) (from Table 6-1, line 12)	Not Scored	
5. Total of $S_{gw}^2 + S_{sw}^2 + S_{sessi}^2 + S_a^2$	9,656.99	
6. HRS Site Score Divide the value on line 5 by 4 and take the square root	49.13	

**HRS Table 5-1, Soil Exposure Component Scoresheet
Historic Potteries
Trenton, NJ**

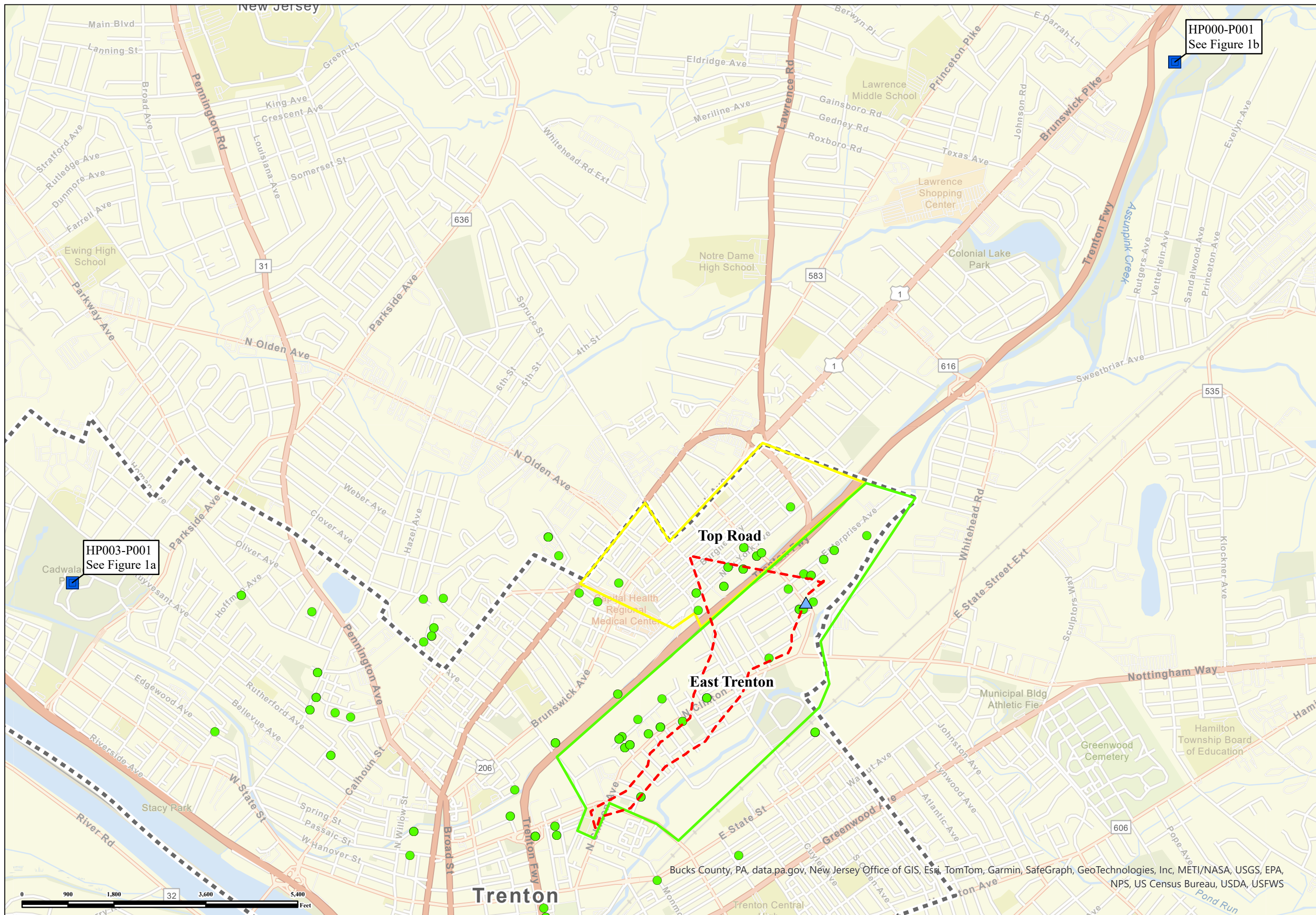
Factor Categories and Factors	Maximum Value	Value Assigned
Resident Population Threat		
Likelihood of Exposure:		
1. Likelihood of Exposure	550	550
Waste Characteristics:		
2. Toxicity	(a)	10,000
3. Hazardous Waste Quantity	(a)	10
4. Waste Characteristics	100	18
Targets:		
5. Resident Individual	50	45
6. Resident Population:		
6a. Level I Concentrations	(b)	0
6b. Level II Concentrations	(b)	768.96
6c. Resident Population (lines 6a + 6b)	(b)	768.96
7. Workers	15	5
8. Resources	5	0
9. Terrestrial Sensitive Environments	(c)	0
10. Targets (lines 5 + 6c + 7 + 8 + 9)	(b)	818.96
Resident Population Threat Score:		
11. Resident Population Threat (lines 1 x 4 x 10)	(b)	8,107,704
Nearby Population Threat		
Likelihood of Exposure:		
12. Attractiveness/Accessibility	100	NS
13. Area of Contamination	100	NS
14. Likelihood of Exposure	500	NS
Waste Characteristics:		
15. Toxicity	(a)	NS
16. Hazardous Waste Quantity	(a)	NS
17. Waste Characteristics	100	NS
Targets:		
18. Nearby Individual	1	NS
19. Population Within 1 Mile	(b)	NS
20. Targets (lines 18 + 19)	(b)	NS
Nearby Population Threat Score:		
21. Nearby Population Threat (lines 14 x 17 x 20)	(b)	NS
Soil Exposure Pathway Score		
22. Soil Exposure Pathway Score ^d (S _s), (lines [11 +21]/82,500, subject to a maximum of 100)	100	98.27

^aMaximum value applies to waste characteristics category.

^bMaximum value not applicable.

^cNo specific maximum value applies to factor. However, pathway score based solely on terrestrial sensitive environments is limited to maximum of 60.

^dDo not round to nearest integer.



SCALE

1:21,600

- LEGEND**
- Site Reference Point
Lat: 40.236541°
Long: -74.739361°
 - Historic Pottery Location
 - Background Sample Location
 - Top Road
 - East Trenton
 - Trenton Boundary
 - Area of Observed Contamination

Sources:
 • ESRI World Street Map: The source of this map image is Esri, used by EPA with Esri's permission.
 • Municipal Boundaries of NJ, NJ Office of Information Technology, Office of GIS.
 • Refs. 3, p. 1; 6, pp. 10, 13; 7, p. 2
 • See Tables 1, 2, 3, and 4 of this HRS documentation record.



Figure 1: Site Location Map

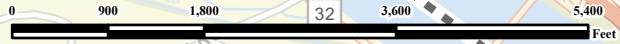
**Historic Potteries Site
Trenton, New Jersey**

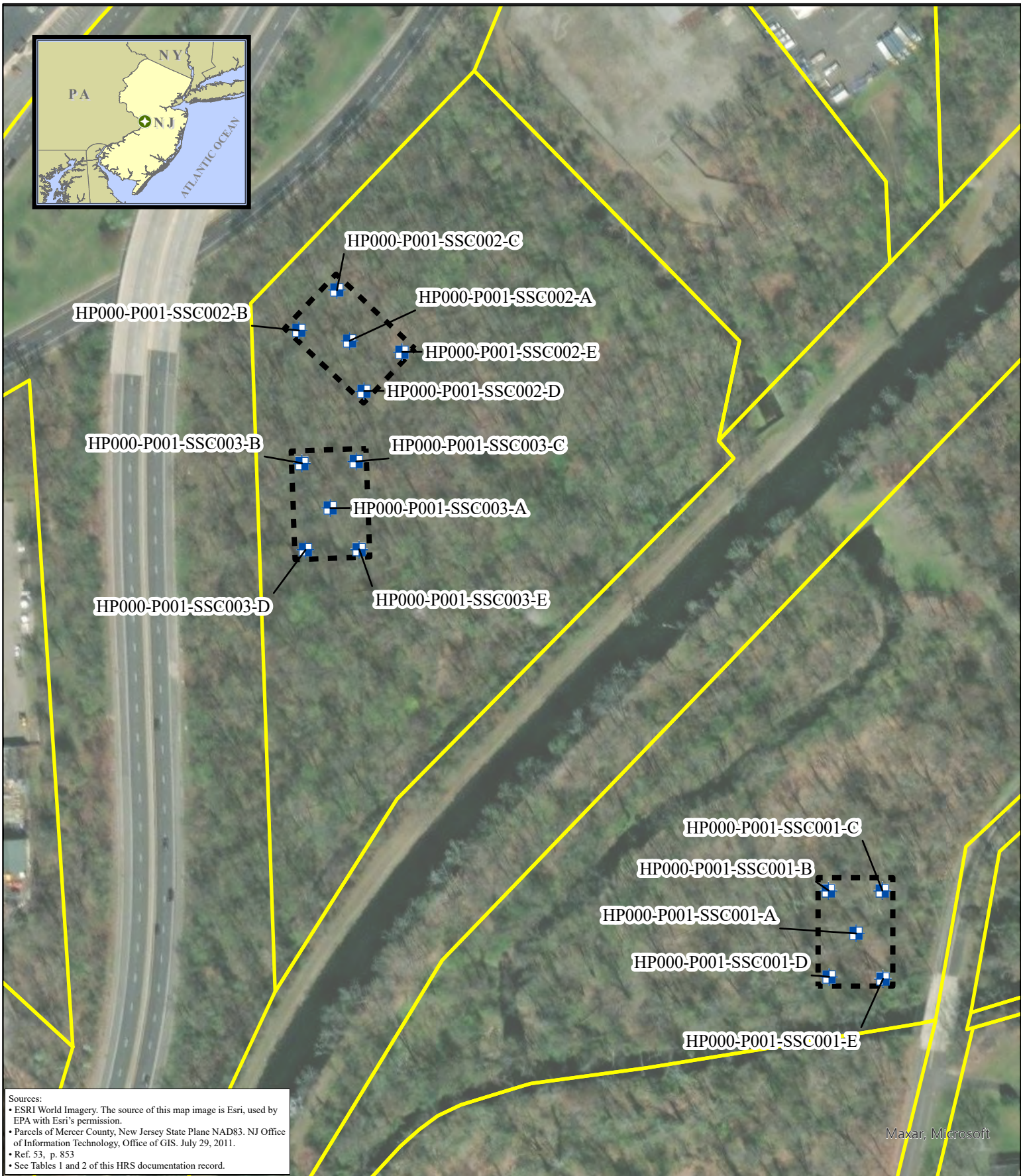
**UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY
SUPERFUND TECHNICAL ASSESSMENT
& RESPONSE TEAM V
CONTRACT # 68HE0319D0004**

GIS ANALYST:	K. HEULITT
EPA SAM:	J. DESIR
START V SPM:	G. GILLILAND
TD #:	TO-0043-0416



Bucks County, PA, data.pa.gov, New Jersey Office of GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



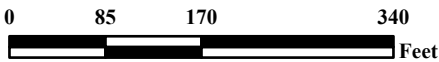


Maxar, Microsoft

Sources:
 • ESRI World Imagery. The source of this map image is Esri, used by EPA with Esri's permission.
 • Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
 • Ref. 53, p. 853
 • See Tables 1 and 2 of this HRS documentation record.

Legend

- Composite Sample Location
- Tax Parcel Boundary
- Sample Quadrant



In Association With
 Eco-Risk; Avatar Environmental, LLC;
 Pro-West & Associates, Inc.; On-Site Environmental, Inc.;
 Sovereign Consulting, Inc.; and TechLaw Consultants, Inc.

**Figure 1a: HP000-P001
 Background Sample Locations**

Historic Potteries Trenton, New Jersey	
U.S. ENVIRONMENTAL PROTECTION AGENCY SUPERFUND TECHNICAL ASSESSMENT & RESPONSE TEAM V CONTRACT # 68HE0319D0004	
GIS ANALYST:	K. HULLITT
EPA SAM:	J. DESIR
START V SPM:	G. GILLILAND
TD #:	TO-0043-0416

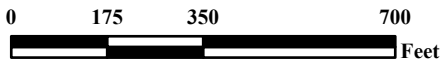


Sources:
 • ESRI World Imagery. The source of this map image is Esri, used by EPA with Esri's permission.
 • Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
 • Ref. 53, p. 951
 • See Tables 1 and 2 of this HRS documentation record.

Maxar, Microsoft

Legend

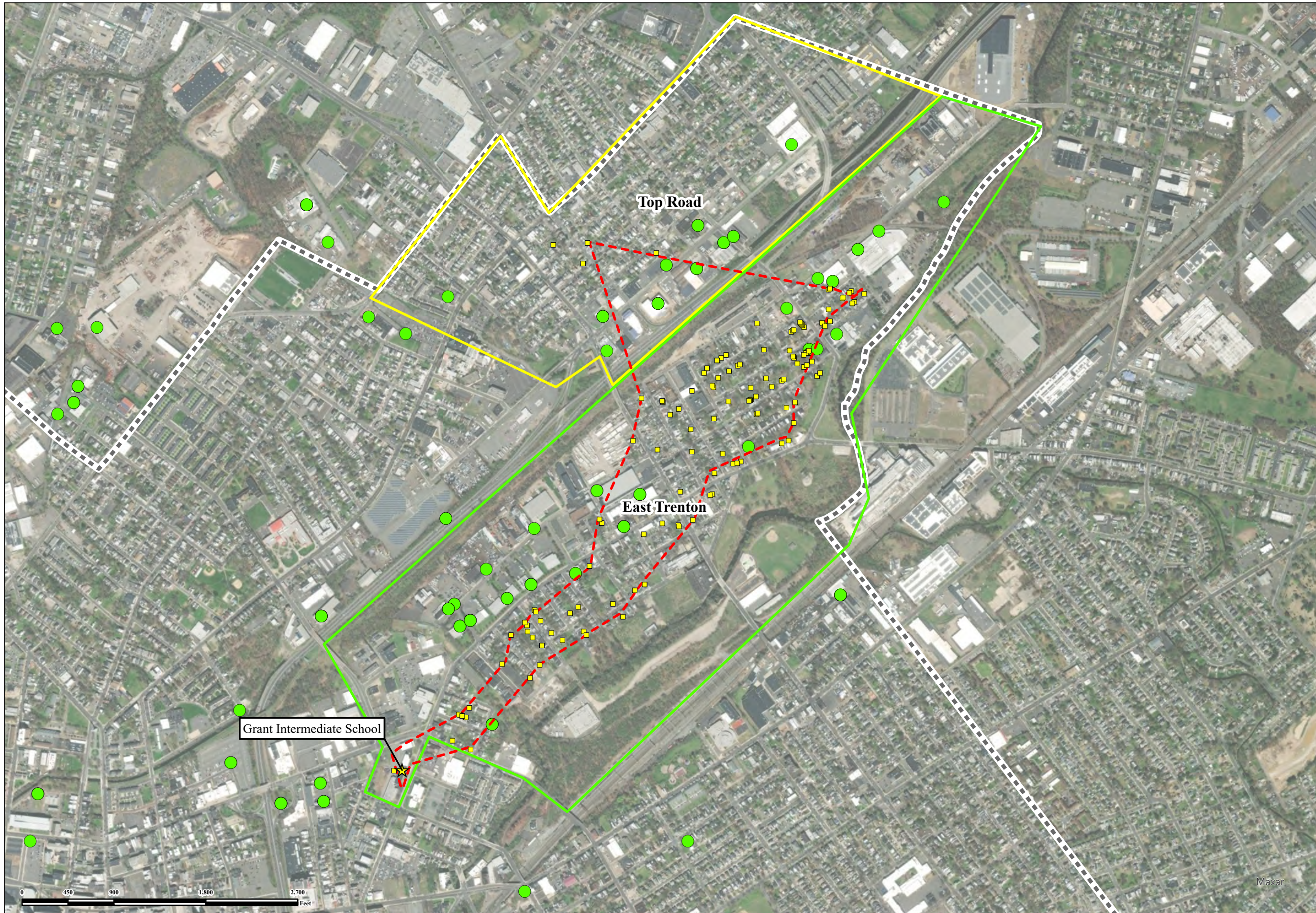
- Composite Sample Location
- Tax Parcel Boundary
- Sample Quadrant



In Association With
 Eco-Risk; Avatar Environmental, LLC;
 Pro-West & Associates, Inc.; On-Site Environmental, Inc.;
 Sovereign Consulting, Inc.; and TechLaw Consultants, Inc.

Figure 1b: HP003-P001 Background Sample Locations

Historic Potteries Trenton, New Jersey	
U.S. ENVIRONMENTAL PROTECTION AGENCY SUPERFUND TECHNICAL ASSESSMENT & RESPONSE TEAM V CONTRACT # 68HE0319D0004	
GIS ANALYST:	K. HELLITT
EPA SAM:	J. DESIR
START V SPM:	G. GILLILAND
TD #:	TO-0043-0416



SCALE
1:10,800

- LEGEND
- Sampled Property
 - ★ Sampled School Location
 - Historic Pottery Location
 - ▭ Top Road
 - ▭ East Trenton
 - ⋯ Trenton Boundary
 - ▭ Area of Observed Contamination

Sources:

- ESRI World Imagery. The source of this map image is Esri, used by EPA with Esri's permission.
- Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS, July 29, 2011.
- Municipal Boundaries of NJ. NJ Office of Information Technology, Office of GIS.
- Refs. 3, p. 1; 6, pp. 10, 13; 7, p. 2; 53, pp. 854-950, 952-956
- See Tables 2, 3, and 4 and Reference 53 of this HRS documentation record.



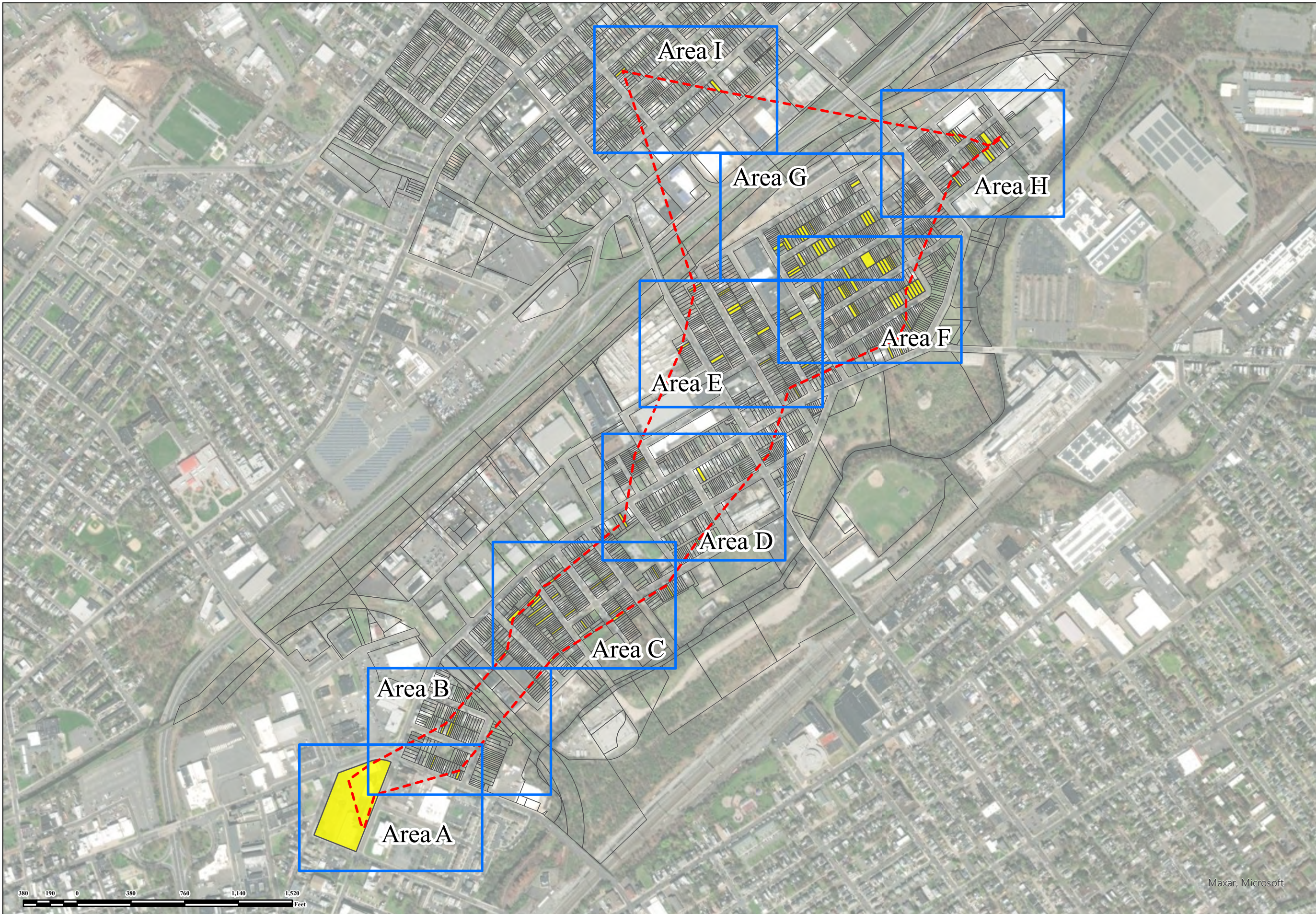
Figure 2: Site Map

Historic Potteries Site
Trenton, New Jersey

UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY
SUPERFUND TECHNICAL ASSESSMENT
& RESPONSE TEAM V
CONTRACT # 68HE0319D0004

GIS ANALYST:	K. HEULITT
EPA OSC:	J. DESIR
START V SPM:	G. GILLILAND
CHARGE #:	TO-0043-0416





SCALE

1:7,800

LEGEND

- Area of Observed Contamination
- Detail Map Extents
- Parcels
- Observed Contamination Properties**
- Level II Concentration

Sources:
 • ESRI World Imagery. The source of this map image is Esri, used by EPA with Esri's permission.
 • Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
 • See Figures 3a through 3i and Tables 2, 3, 4, 7, and 8 of this HRS documentation record.



Figure 3: Area of Observed Contamination

**Historic Potteries
Trenton, New Jersey**

**UNITED STATES ENVIRONMENTAL
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**Weston Solutions, Inc.
Federal East Division**

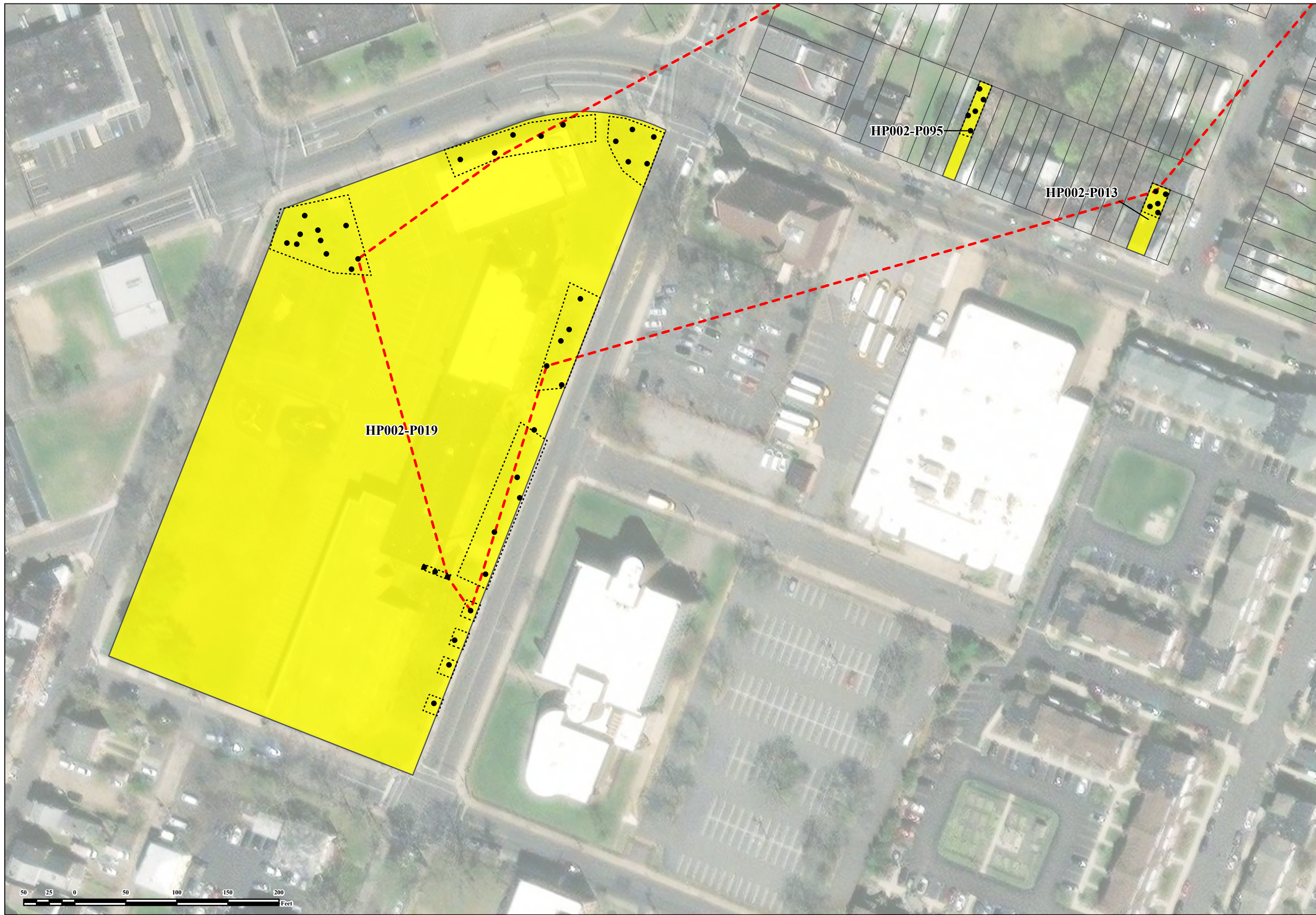
In Association With
 Eco-Risk, Avatar Environmental, LLC,
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GIS ANALYST:	K. HEULITT
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Maxar, Microsoft

380 190 0 380 760 1,140 1,520 Feet



SCALE
1:1,080

- LEGEND
- Area of Observed Contamination
 - Composite Sample Location
 - Sample Quadrant
 - Parcels
- Observed Contamination Properties**
- Level II Concentration

Sources:

- ESRI World Imagery. The source of this map image is Esri, used by EPA with Esri's permission.
- Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
- Ref. 53, pp. 927, 945, 953
- See Tables 2, 3, 4, 7, and 8 of this HRS documentation record.



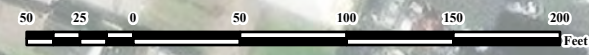
Figure 3a: Area of Observed Contamination - Area A

**Historic Potteries
Trenton, New Jersey**

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GIS ANALYST:	K. HEULITT
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SCALE
1:1,080

- LEGEND
- Area of Observed Contamination
 - Composite Sample Location
 - Sample Quadrant
 - Parcels
- Observed Contamination Properties**
- Level II Concentration

Sources:

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- Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
- Ref. 53, pp. 925, 927, 945, 949, 950, 953
- See Tables 2, 3, 4, 7, and 8 of this HRS documentation record.



Figure 3b: Area of Observed Contamination - Area B

**Historic Potteries
Trenton, New Jersey**

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SCALE
1:1,080

- LEGEND**
- Area of Observed Contamination
 - Composite Sample Location
 - Sample Quadrant
 - Parcels
- Observed Contamination Properties**
- Level II Concentration

Sources:
 • ESRI World Imagery. The source of this map image is Esri, used by EPA with Esri's permission.
 • Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
 • Ref. 53, pp. 861, 926, 931-932, 935, 937
 • See Tables 2, 3, 4, 7, and 8 of this HRS documentation record.



Figure 3d: Area of Observed Contamination - Area D

**Historic Potteries
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ID #:	40200.056.943.6416





SCALE
1:1,080

- LEGEND
- Area of Observed Contamination
 - Composite Sample Location
 - Sample Quadrant
 - Parcels
- Observed Contamination Properties**
- Level II Concentration

Sources:

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- Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
- Ref. 53, pp. 858-860, 868, 880, 884, 886, 889-891, 899-900, 906, 918-919, 933
- See Tables 2, 3, 4, 7, and 8 of this HRS documentation record.



Figure 3e: Area of Observed Contamination - Area E

**Historic Potteries
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START V SPM:	G. GILLILAND
ID #:	40200.056.943.6416





SCALE
1:1,080

- LEGEND
- Area of Observed Contamination
 - Composite Sample Location
 - Sample Quadrant
 - Parcels
- Observed Contamination Properties**
- Level II Concentration

Sources:

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- Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
- Ref. 53, pp. 863-867, 869-870, 873-879, 881-885, 895-897, 900-901, 903, 906-907, 909-910, 916
- See Tables 2, 3, 4, 7, and 8 of this HRS documentation record.



Figure 3f: Area of Observed Contamination - Area F

**Historic Potteries
Trenton, New Jersey**

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ID #:	40200.056.943.6416





SCALE
1:1,080

- LEGEND**
- Area of Observed Contamination
 - Composite Sample Location
 - Sample Quadrant
 - Parcels
- Observed Contamination Properties**
- Level II Concentration

Sources:

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- Ref. 53, pp. 862-867, 869-870, 873-874, 881, 896-897, 901, 904-905, 907, 910, 912, 916
- See Tables 2, 3, 4, 7, and 8 of this HRS documentation record.



Figure 3g: Area of Observed Contamination - Area G

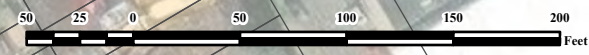
**Historic Potteries
Trenton, New Jersey**

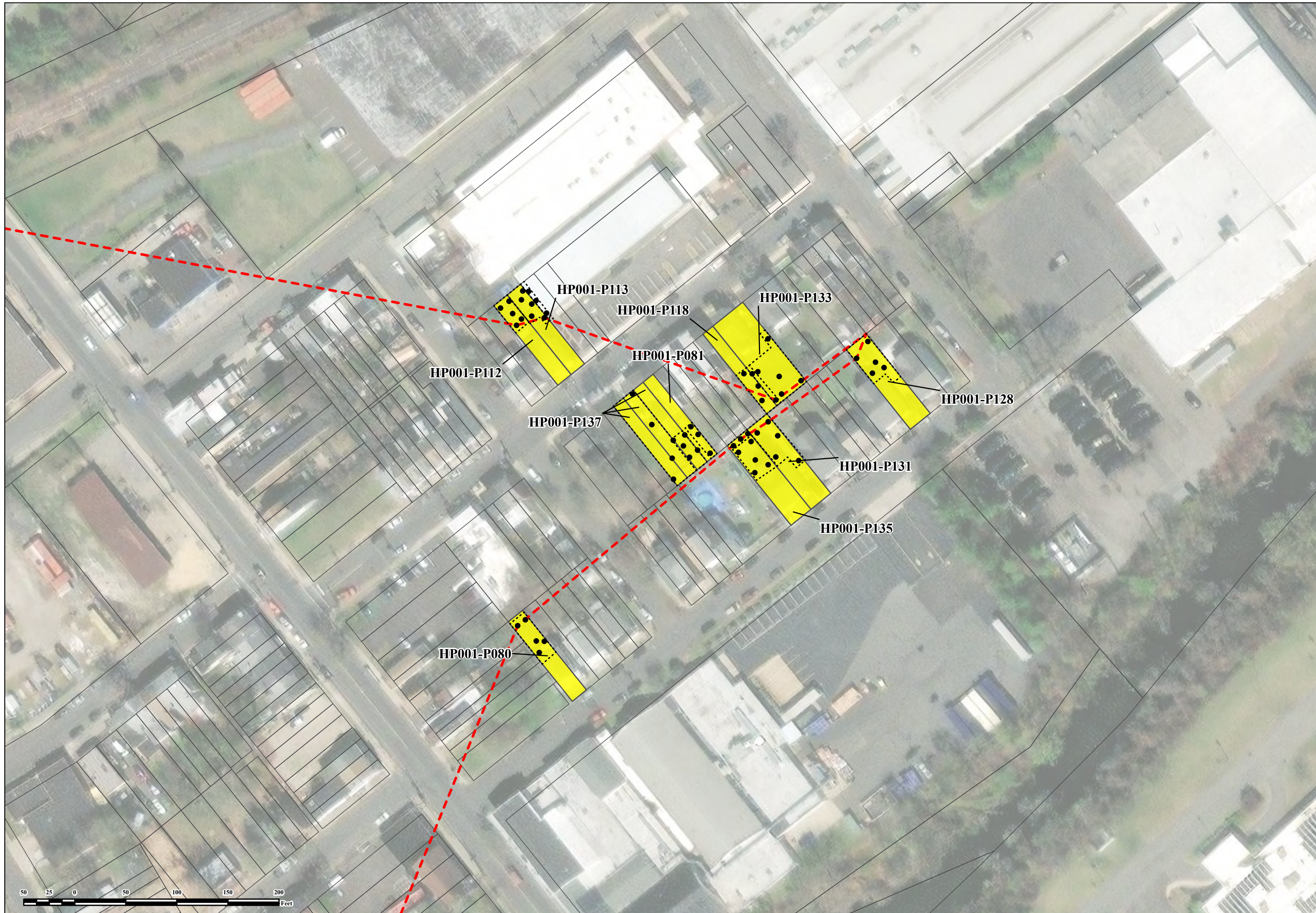
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& RESPONSE TEAM V
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GIS ANALYST:	K. HEULITT
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START V SPM:	G. GILLILAND
TD #:	40200.056.943.6416





SCALE
1:1,080

- LEGEND**
- Area of Observed Contamination
 - Composite Sample Location
 - Sample Quadrant
 - Parcels
- Observed Contamination Properties**
- Level II Concentration

Sources:

- ESRI World Imagery. The source of this map image is Esri, used by EPA with Esri's permission.
- Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
- Ref. 53, pp. 871-872, 892-893, 898, 908, 911, 913, 915, 917
- See Tables 2, 3, 4, 7, and 8 of this HRS documentation record.



Figure 3h: Area of Observed Contamination - Area H

**Historic Potteries
Trenton, New Jersey**

**UNITED STATES ENVIRONMENTAL
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GIS ANALYST:	K. HEULITT
EPA SAM:	J. PETTY
START V SPM:	G. GILLILAND
TD #:	40200.056.943.6416





SCALE

1:1,080

LEGEND

- Area of Observed Contamination
- Composite Sample Location
- Sample Quadrant
- Parcels

Observed Contamination Properties

- Level II Concentration

Sources:
 • ESRI World Imagery. The source of this map image is Esri, used by EPA with Esri's permission.
 • Parcels of Mercer County, New Jersey State Plane NAD83. NJ Office of Information Technology, Office of GIS. July 29, 2011.
 • Ref. 53, pp. 855, 857
 • See Tables 2, 3, 4, 7, and 8 of this HRS documentation record.



Figure 3i: Area of Observed Contamination - Area I

**Historic Potteries
Trenton, New Jersey**

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GIS ANALYST:	K. HEULITT
EPA SAM:	J. PETTY
START V SPM:	G. GILLILAND
ID #:	40200.056.943.6416



REFERENCES

1. U.S. Environmental Protection Agency (EPA). Hazard Ranking System, Title 40 Code of Federal Regulations (CFR) Part 300, Appendix A (55 Federal Register [FR] 51583, Dec. 14, 1990, as amended at 82 FR 2779, Jan. 9, 2017; 83 FR 38037, Aug. 3, 2018), as published in the Code of Federal Regulations on July 1, 2019, with two attachments. Attachment A: Federal Register Vol. 55, No. 241, December 14, 1990. Hazard Ranking System Preamble. Attachment B: Federal Register Vol. 82, No. 5, January 9, 2017. Addition of a Subsurface Intrusion Component to the Hazard Ranking System Preamble. [197 pages]
2. EPA. Superfund Chemical Data Matrix (SCDM) Query: Soil Exposure Factor Values and Benchmarks for Lead. Query accessed August 6, 2024. A complete copy of SCDM is available at <http://www.epa.gov/superfund/superfund-chemical-data-matrix-scdm>. [2 pages]
3. EPA. Superfund Site Information: Historic Potteries, EPA ID: NJN000203535, Site Information and Aliases. Available at <https://cumulis.epa.gov/supercpad/cursites/csinfo.cfm?id=0203535>. Accessed and downloaded June 26, 2024. [2 pages]
4. U.S. Department of the Interior Geological Survey (USGS). Trenton East Quadrangle, NJ -PA, 7.5-minute Series (Topographic). 2023. [1 map]
5. USGS. Trenton West Quadrangle, NJ -PA, 7.5-minute Series (Topographic). 2023. [1 map]
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SITE DESCRIPTION

The Historic Potteries site (EPA ID No. NJN000203535) in Trenton, NJ, as scored for HRS purposes, consists of the release of a hazardous substance (i.e., lead) from historical pottery operations resulting in an area of observed contamination (AOC) that is delineated based on the presence of lead in the top 2 feet of soil on residential properties and school grounds [see **Section 5.1.0** of this HRS documentation record]. The affected properties include a school with a student population of 542 and full-time faculty level of 45, and 84 occupied residential properties with an estimated total population of 226.96 [see **Section 5.1.1.3** of this HRS documentation record]. **Figure 1** of this HRS documentation record presents a Site Location Map showing former pottery locations and approximate known extent of the contaminated soil AOC, **Figures 1a and 1b** of this HRS documentation record present the background sampling locations used for defining the AOC, **Figure 2** of this HRS documentation record shows the site study area and the locations of properties sampled by EPA, and **Figures 3 through 3i** of this HRS documentation record provide additional detail regarding the AOC including sampling locations and levels of contamination.

The Historic Potteries site is in the East Trenton and Top Road neighborhoods of Trenton, Mercer County, New Jersey [Refs. 3, p. 1; 6, pp. 10, 13]. In 2018, EPA began an investigation in East Trenton and found lead levels above the EPA Removal Management Level (RML) on residential properties [Refs. 6, p. 6; 11, p. 1; 12, pp. 5–6]. Due to the history of the area, where numerous industrial-scale potteries formerly operated, EPA began investigating the pottery industry as the potential source of the elevated lead levels in 2020 [Refs. 6, pp. 8–11; 7, pp. 2–5; 11, p. 1; 12, p. 5]. Through its research, EPA identified about 80 locations throughout Trenton where one or more pottery manufacturing businesses had formerly operated; about half of these locations housed large-scale operations and more than 30 were located in and around the East Trenton/Top Road area [Refs. 6, pp. 8–10]. These industrial-scale potteries operated in the area over variable timeframes between the 1850s and the mid-20th century [Refs. 6, p. 10; 7, pp. 2–5; 8, p. 2; 9, pp. 1, 3; 37, p. 5; 44, pp. 1, 6–39]. In 1850, just one industrial pottery was operating in Trenton [Ref. 7, p. 4; 8, p. 2; 44, p. 37]. However, the industry grew increasingly prominent in the city from the 1850s until the 1920s (in 1924, more than 50 facilities were operating simultaneously in Trenton), when it began to shrink considerably during the Great Depression [Refs. 7, pp. 4–5; 8, p. 2; 9, p. 1; 10, p. 3; 38, pp. 74–76; 44, pp. 6–42].

The reasons for the growth of the pottery industry in Trenton from the 1850s until the 1920s were the city's central location with respect to markets (New York and Philadelphia) and its role as a hub in the regional transportation network of canals and railroads [Refs. 6, p. 8; 7, p. 4; 43, pp. 1, 3]. The surge of industrial pottery development occurred primarily along the Delaware and Raritan Canal, which was built in 1834 and separates East Trenton and Top Road; the canal and adjacent railroad tracks provided easy delivery of raw materials (e.g., central New Jersey clays and eastern Pennsylvania coals) to the potteries and transport of finished goods from the potteries [Ref. 7, pp. 4–5; 11, p. 2; 43, pp. 1, 3–5, 7, 8; 51, p. 2]. Historical maps from 1835, 1874, and 1882 provide evidence of the industrial pottery development in the East Trenton/Top Road area—the 1835 map shows the area to be significantly less developed, whereas the 1874 and 1882 maps show industrial potteries in clusters along the canal and adjacent railroad tracks, and individual potteries at other locations in the East Trenton/Top Road area [Refs. 45, p.1; 46, pp. 1–4; 47, p. 1]. Historical maps from 1930 show additional potteries in the area, including in the easternmost portion of the East Trenton/Top Road area [Ref. 48, pp. 2, 31–38, 50]. Several of the former pottery locations in the East Trenton/Top Road area are within the documented AOC, and most others within the East Trenton/Top Road area are clustered near the documented AOC in areas that were not sampled by EPA [Ref. 46, pp. 1–4; 47, p. 1; 48, pp. 2–11; see **Figure 2 and Section 5.1.0** of this HRS documentation Record]. Development of the East Trenton and Top Road residential neighborhoods coincided with the industrial growth as a means to support the potteries and other industries [Ref. 18, p. 5; 47, p. 1; 48, pp. 2, 31–38, 50; 51, p. 2]. As the industry waned, some of the historical pottery locations in the East Trenton/Top Road area were converted to other uses including residential [Refs. 6, pp. 10, 13; 43, p. 2; 47, p. 1; 48, pp. 2, 31–38, 50].

Potteries in Trenton manufactured tableware, sanitary ware, electrical porcelain, and art ceramics [Refs. 7, p. 12; 9, pp. 1, 3; 10, p. 2; 37, pp. 5–8; 38, pp. 74–76; 44, pp. 6–42]. Lead was used in the ceramic glazes required for the manufacture of many of these products, which were subject to high temperatures in the firing kilns [Refs. 7, pp. 6–7, 13; 38, pp. 35–42; 39, pp. 47–52, 60–65, 72; 40, pp. 35–36, 45–57; 41, pp. 2–3]. The number of pottery kilns in Trenton increased from 1 to 258 between 1852 and 1903 [Ref. 38, p. 76]. Depictions of the Trenton kilns show smoke emanating from their stacks and moving with the wind; lead would have been released in these kiln emissions

and then settle into the soil downwind from the kilns (the prevailing wind direction in Trenton is northwesterly, and a large majority of wind direction is distributed across the western half from northerly to southerly) [Refs. 6, pp. 9, 11, 13; 7, p. 10; 37, p. 5; 33, p. 13; 39, pp. 182–198; 41, pp. 2, 3; 42, pp. 2–3; 43, p. 1; 56, p. 5]. Soil and debris containing ceramic pieces that was used as fill material during development of the residential neighborhoods is also adding to the lead contamination [Refs. 6, p. 11; 11, p. 2; 53, pp. 2–852; see **Section 5.1.0** of this HRS documentation record].

During multiple sampling events from October 2020 to July 2022, EPA sampled residential properties, public properties, and industrial properties within the study area for the Historic Potteries site [Refs. 12, pp. 1, 12–28; 13, pp. 1, 13–19; 14, pp. 1, 13–21; 15, pp. 1, 13–16; 16, pp. 1, 13–17; 17, pp. 1, 14–16; 18, pp. 1, 6–9, 15–27]. During these sampling events, EPA found pottery sherds (i.e., ceramic chips) within the contaminated soils on many properties to have lead field screening levels that were above EPA RMLs [Refs. 12, pp. 68–70, 76, 81, 87–88, 99, 111, 115; 13, pp. 46, 55, 57, 58; 14, pp. 60, 69, 74; 15, pp. 51, 61, 62; 16, pp. 45, 50, 63; 17, pp. 48–49, 56–57, 59, 66–67; 18, pp. 5–8, 11–12, 53–54, 63–64, 68, 70–71, 74, 90–92, 101, 117, 129, 131; 33, pp. 2–3, 8]. EPA collected and analyzed some of the pottery sherds and reported lead levels up to 5,737 mg/kg [Ref. 18, pp. 6–8]. The presence of lead concentrations elevated above RMLs at shallow depths is consistent with the presence of ceramic chips at similar depths and aerial deposition of kiln emissions from upwind historical pottery operations [Ref. 33, p. 18]. EPA found lead to be one of the most leachable metals from the ceramic chips, indicating that leaching of lead from the chips over time is one of the mechanisms of soil contamination [Ref. 33, pp. 10–13, 18].

In 2023 and 2024, EPA performed additional sampling of residential properties, schools, and parks in the Top Road and East Trenton neighborhoods, as well as background locations outside the historic potteries area [Ref. 22, pp. 2–73; 53, pp. 1, 853–956; 54, pp. 2–6; 55, pp. 2–4, 7–8; see **Section 5.1.0** of this HRS documentation record]. All samples were collected within the top 2 feet of soil, and residential/school property samples were collected within 200 feet of the residence or school/workplace [Ref. 54, pp. 2–3; see **Section 5.1.0** and **Figures 3a through 3i** of this HRS documentation record]. Results for the Grant Intermediate School, where there are 542 students and 45 full-time faculty members, show lead concentrations more than three times above background levels in several grass- and soil-covered areas on school grounds [see **Tables 2, 3, 4, 7, and 8** of this HRS documentation record]. The lead levels for the surface soil samples collected throughout the school grounds exceed the recently updated EPA Removal Management Level (RML) of 200 mg/kg [Refs. 6, pp. 14–15; 36, pp. 1–2]. Therefore, EPA is performing interim actions to protect the school community from the lead contamination in the soil, including temporary restriction to contaminated areas until protective measures are installed (i.e., clean cover material in the main play areas and temporary fencing around low use areas) [Refs. 6, pp. 17–18].

In addition to the lead contamination at the school, analytical results show that lead contamination more than three times above the site-specific background level affects 84 occupied residential properties and four vacant residential or community properties [see **Section 5.1.0** of this HRS documentation record]. EPA encountered evidence of pottery waste fill (i.e., ceramic debris) at 84 of the 89 properties within the documented AOC, including the school [see **Tables 3 and 4** of this HRS documentation record].

For the Historic Potteries site, EPA is evaluating the soil exposure and subsurface intrusion pathway—soil exposure component. The results of the 2023-2024 sampling investigation document the presence of a hazardous substance (lead) at levels that meet the criteria for observed contamination in soil at a school and at 84 occupied residential properties; the observed contamination on each property is within 200 feet of each respective structure. The data document Level II concentrations affecting a resident population of 768.96 (i.e., 542 students and 226.96 residents). The AOC also affects at least 45 full-time workers (i.e., the school faculty). Older data not used in the HRS scoring evaluation indicates that the AOC probably extends to numerous other occupied residential, public, and commercial properties within the AOC; that there is spatial correlation of former pottery locations and the lead contamination; and that the isotopic composition of soil lead can be correlated to the isotopic composition of co-located ceramic chips in many cases [Refs. 12, pp. 12–73; 13, pp. 13–47; 14, pp. 13–61; 15, pp. 13–52; 16, pp. 13–45; 17, pp. 14–50; 18, pp. 6–9, 15–55; 33, pp. 1–3, 8, 10–13, 18–19]. The site as scored for HRS purposes and presented in this HRS documentation record includes one AOC with documented Level II concentrations of a hazardous substance

(lead); this contamination originated from the numerous historic potteries that operated in the area. As is shown in this HRS documentation record, the site qualifies for listing on the NPL based on the HRS score.

2.2.1 SOURCE IDENTIFICATION

Number of Source: 1

Name of Source: Area of Contamination (AOC) A

Source Type: Contaminated Soil

Description and Location of the Source:

The soil contamination is characterized in **Section 5.1.0** of this HRS documentation record as an area of properties containing observed contamination (collectively scored as AOC A) [see **Figures 1 and 3** of this HRS documentation record].

5.0 SOIL EXPOSURE AND SUBSURFACE INTRUSION PATHWAY

5.0.1 EXPOSURE COMPONENTS

Component(s) being scored:

The soil exposure component is scored based on the resident population threat as detailed in the following sections of this HRS documentation record [Ref. 1, Sections 5.1 and 5.1.0].

5.1 SOIL EXPOSURE COMPONENT

5.1.0 GENERAL CONSIDERATIONS

According to the HRS, the soil exposure component of the soil exposure and subsurface intrusion pathway is based on observed contamination and AOCs [Ref. 1, Section 5.1.0]. All soil samples meeting the criteria for observed contamination at the Historic Potteries site were collected at depth intervals within the top 2 feet below ground surface (bgs), as documented in **Table 3** of this HRS documentation record. All samples were collected, processed, and analyzed according to the same procedures [Refs. 19, pp. 15, 21, 34, 44; 20, pp. 16, 36, 46; 53, p. 1]. Analytical results for soil samples indicate that lead is present at concentrations equal to or greater than three times the established background level and at concentrations greater than the corresponding sample quantitation limits (SQL), meeting the criteria for observed contamination [Ref. 1, Section 5.1.0 and Table 2-3] [see **Tables 2 and 4** of this HRS documentation record].

Area of Observed Contamination

Letter by which this AOC is to be identified: A

Name and description of the AOC: AOC A is composed of contaminated surface soils within school, residential, and vacant properties that meet the criteria for observed contamination for lead in the residential neighborhoods of East Trenton and Top Road, Trenton, Mercer County, New Jersey [see **Figures 2 and 3** and **Tables 2 and 4** of this HRS documentation record].

Type of AOC: Contaminated soil

Location of the AOC, with reference to a map of the site: Observed contamination has been documented on a school property, 84 occupied residential properties, and four vacant properties. Lead was detected at observed contamination concentrations on all 89 properties [see **Tables 2, 3 and 4** and **Sections 5.1.1.3.2.1 and 5.1.1.3.2.2** of this HRS documentation record]. **Figure 3** of this HRS documentation record shows the location of each property meeting the criteria for observed contamination, outlines the estimated AOC, and shows the level of contamination (i.e., Level II) for each property; **Figures 3a through 3i** of this HRS documentation record provide additional detail. Only those properties with sampling results indicating lead levels equal to or greater than three times background levels are included in the HRS score [see **Tables 2, 3, and 4** of this HRS documentation record].

As further detailed in **Sample Collection and Processing Procedures for All Soil Samples** below, three- to five-point composite samples were used to document observed contamination. The AOC was delineated by creating a polygon connecting the outermost observed contamination samples, drawing the line through the innermost aliquot from each composite sample [see **Figures 3 and 3a through 3i** of this HRS documentation record]. Contamination is not inferred between locations of observed contamination because there are significant spatial gaps between some of the points of observed contamination based on the number and location of observed contamination samples [see **Figures 3 and 3a through 3i**]. In addition, a significant contributor to the contamination was the nonuniform use of pottery waste as fill material, which resulted in nonuniform distribution of contaminants [Ref. 6, pp. 8–13; 53, pp. 2–852]. Redevelopment activities at properties in East Trenton since the releases ended, such as soil remediation, construction and reconstruction activities, and installation of community gardens and urban farms,

could also have led to discontinuities in contaminant patterns in the intervening areas [Refs. 49, pp. 67, 71–72, 81; 50, pp. 2, 5]. There are several properties in the East Trenton/Top Road area that are being addressed by the state or federal brownfields programs, which may include brownfields grant funding [Ref. 50, pp. 3–5]. Properties being addressed under the state and federal brownfields programs are also not considered for scoring in this proposed listing.

Exclusion of properties from scoring does not indicate an absence of contamination—properties excluded from scoring include properties with soil lead concentrations equal to or greater than the RML of 200 mg/kg but below three times background levels, and properties that have not yet been sampled [Ref. 36, pp. 1–2; 53, pp. 854, 856, 887, 888, 902, 942; see **Table 2 and Figures 2 and 3** of this HRS documentation record]. Soil removals have not been performed and are not scheduled for the properties scored as subject to observed contamination within the AOC [Ref. 51, pp. 3–4]. EPA is installing temporary, protective cover materials at the Grant Intermediate School as an emergency measure [Ref. 51, p. 3]. This interim action does not include removal of contaminated soil from the property, and the cover materials are permeable and less than 2 feet thick (i.e., topsoil, sod, and mulch) and do not represent a permanent cleanup solution [Ref. 51, pp. 3–4]. Surface soil samples that meet the observed contamination criteria were used to delineate the AOC [Ref. 1, Table 2-3 and Section 5.1.0] [see **Figure 3 and Table 4** of this HRS documentation record]. The background soil samples and the soil samples documenting observed contamination were collected during EPA investigation of the site from September 2023 to January 2024 [Ref. 22, pp. 2, 4–73]. EPA is investigating further delineation of lead contamination at the site, including interim protective actions at the school and additional residential sampling in East Trenton as requested [Ref. 6, pp. 16–18].

Sample Collection and Processing Procedures for All Soil Samples: EPA collected all soil samples in accordance with EPA-approved Quality Assurance Project Plans (QAPP) dated August 2023 and November 2023; the QAPPs reference standard operating procedures to be followed for sample collection, processing, analysis, and validation as approved by EPA Region 2 Quality Assurance Officer delegates [Refs. 19, pp. 8, 15, 36–38, 40, 59; 20, pp. 8, 16, 38–40, 42, 61; 53, p. 1]. To avoid any possible contamination coming from historical use of lead-based paint on houses, drip zones were avoided and not included in any of the composite soil samples that document observed contamination (EPA collected drip-zone composite samples separately at some properties) [Refs. 19, pp. 172–174; 20, pp. 174–176; 53, pp. 1, 853–954]. All soil samples were collected as three- to five-point composites in accordance with the *EPA Superfund Lead-Contaminated Residential Sites Handbook* (August 2003) [Refs. 19, pp. 15, 44, 144; 20, pp. 16, 46, 146; 53, p. 1; 54, pp. 2–3].

EPA collected the composite soil samples from soil borings using decontaminated, non-dedicated, stainless-steel hand augers; all soil boring locations for composite sampling at occupied properties were within 200 feet of the residence or school/workplace [Refs. 19, p. 15; 20, p. 16; 53, pp. 1, 853–954; 54]. Each three- to five-point composite sample consisted of aliquots collected from the same depth interval at the five boring locations—samples were collected as such from depth intervals of 0 to 2 inches, 2 to 6 inches, 6 to 12 inches, 12 to 18 inches, and 18 to 24 inches below ground surface (bgs) (i.e., five total samples were collected from each area sampled) [Refs. 19, pp. 15, 44; 20, pp. 16, 46; 26, pp. 3–4; 27, pp. 4–5, 7; 28, pp. 4–8; 29, pp. 5–16; 30, pp. 4–15; 31, pp. 4–15; 54; see **Tables 1 and 3** of this HRS documentation record]. All the composite soil samples were dried, then sieved using a 150-micrometer (μm) sieve, at the EPA Laboratory Services and Applied Sciences Division (LSASD) facility in Edison, NJ, prior to being submitted to the laboratory for analysis [Refs. 19, p. 15; 20, p. 16; 53, p. 1; 54]. The stainless-steel hand augers and the sieves were decontaminated between samples, and rinsate blanks were collected regularly throughout the sampling event to demonstrate adequate decontamination of this nondedicated sampling equipment [Refs. 19, pp. 15, 44; 20, pp. 16, 46; 26, pp. 3–4; 27, pp. 4–5, 7; 28, pp. 4–8; 29, pp. 5–16; 30, pp. 4–15; 31, pp. 4–15; 53, p. 1; 54]. Chain-of-custody records for the soil samples are provided in References 22 and 55.

Laboratory Analytical Method, Data Verification/Validation, and Reporting Limits for All Soil Samples: All soil samples showing background levels or observed contamination were analyzed at the EPA Region 2 Laboratory in Edison, NJ, for metals, including lead, using EPA Method 200.7 [Refs. 21, p. 3; 26, pp. 3–4; 27, pp. 4–5, 7; 28, pp. 4–8; 29, pp. 5–16; 30, pp. 4–15; 31, pp. 4–15]. These analytical results are used to identify soil samples that document background levels and meet the observed contamination criteria [Ref. 1, Table 2-3; see **Section 5.1.0** of this HRS documentation record]. All data used to establish background levels and identify the soil samples meeting

the observed contamination criteria were verified based on LSASD's specifications and qualified by the Region 2 Laboratory if the applicable quality control criteria were not met [Refs. 19, pp. 56–59; 20, pp. 58–61; 26, pp. 1–2; 27, pp. 1–2; 28, pp. 1–2; 29, pp. 1–2; 30, pp. 1–2; 31, pp. 1–2]. The reporting limits (RL) were reported in accordance with method requirements; they are limits of quantitation that represent the lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a reasonable degree of accuracy and precision, and they are matrix- and dilution-dependent [Refs. 21, pp. 4, 6, 32, 40, 46; 52, p. 12]. This is equivalent to the HRS definition of sample quantitation limit (SQL) (i.e., the quantity of a hazardous substance that can be reasonably quantified given the limits of detection for the method of analysis and sample characteristics that may affect quantitation (e.g., dilution, concentration) [Ref. 1, Section 1.1].

Background Samples – Locations and Descriptions

As part of the EPA sampling efforts, EPA collected background soil samples from two properties to establish background levels for lead. In September 2023, EPA collected five-point composite soil samples from a public property along the Route 1 corridor, approximately 2 miles northeast of the documented extent of historic pottery locations and approximately 2.4 miles northeast of the AOC (EPA assigned ID number HP000-P001 to this property); in December 2023, EPA collected five-point composite soil samples from a public park located approximately 0.6 mile west-northwest of the documented extent of historic pottery locations, and about 2 miles west-northwest of the AOC (EPA had previously collected discrete samples from this property and assigned it ID number HP003-P001) [Refs. 7, p. 2; 12, p. 28; 22, pp. 4, 51–52; see **Figure 1** of this HRS documentation record]. The samples were collected from these site-specific background reference areas to evaluate anthropogenic ambient soil background conditions (i.e., hazardous substance levels that reflect widespread impacts of nonpoint sources, such as historical leaded gasoline emissions) outside the impact area of the site [Ref. 24, pp. 23–24, 33–34, 245]. Location HP000-P001 is vegetated land between developed properties along a 4-lane roadway, and location HP003-P001 is a park surrounded by city streets [see **Figures 1a and 1b** of this HRS documentation record]. Both locations are beyond the full known extent of former pottery locations, and neither is located directly downwind of the former pottery locations based on the prevailing northwesterly wind direction [Ref. 6, p. 13; 47, p. 1; 48, pp. 2, 39–49; 56, p. 5; see **Figures 1, 1a, and 1b** of this HRS documentation record]. EPA did not encounter pottery waste fill materials (i.e., ceramic debris) in the soils at either location during the 2023 sampling activities [Ref. 53, pp. 2–16, 843–852, 853, 951].

The background soil samples are considered comparable to the observed contamination soil samples, as follows:

- The background soil and observed contamination soil samples were collected from urban soils under the same type of environmental influences, such as traffic, roads, and anthropogenic activities [Ref. 53, pp. 854–953].
- The background soil and observed contamination soil samples were collected and processed according to the same sample collection and sieving techniques [Ref. 53, p. 1; 54, pp. 2–6].
- The background soil and observed contamination soil samples were collected from specific depth intervals spanning the top 2 feet of the soil column within the same relative timeframe [see **Tables 1 and 3** of this HRS documentation record].
- The background soil and observed contamination soil samples were predominantly mixtures of clay, silt, sand, and/or gravel, with the predominant soil types in the background soil samples (clayey silt, silty clay, and sandy silt) being finer-grained than the predominant soil types in the observed contamination soil samples (sandy silt and silty sand) [see **Tables 1 and 3** of this HRS documentation record].
- The background soil and observed contamination soil samples were analyzed via the same analytical method [see above, **Laboratory Analytical Method, Data Verification/Validation, and Reporting Limits for All Soil Samples**].

Background soil sample identifications, locations, sample type, depths, and sampling dates are shown in **Table 1** of this HRS documentation record, and laboratory analytical results are presented in **Table 2** of this HRS documentation record. The samples ending in “-02” are field duplicates of the samples ending in “-01” [Refs. 19, p. 44; 20, p. 46]. All background soil sampling locations are five-point composite samples from specific depth

intervals spanning the top 2 feet of the soil column; they were collected from the background locations shown in **Figure 1** of this HRS documentation record. Reference 22 contains the applicable chain-of-custody records for the background soil samples [Ref. 22, pp. 4, 51–52].

Notes for Table 1 [Refs. 19, pp. 21, 34, 44; 20, pp. 16, 36, 46]:

- 0002 0 to 2 inches bgs
- 0202 2 to 6 inches bgs
- 0612 6 to 12 inches bgs
- 1218 12 to 18 inches bgs
- 1824 18 to 24 inches bgs
- HP Historic Potteries
- SSC sieved soil composite

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP000-P001-SSC001-0002-01	2308018-01	HP000-P001	clayey silt	0 to 2	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 2–6, 853
HP000-P001-SSC001-0002-02	2308018-02					
HP000-P001-SSC001-0206-01	2308018-03		clayey silt; silty clay	2 to 6	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 2–6, 853
HP000-P001-SSC001-0612-01	2308018-04		silty clay; clayey silt	6 to 12	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 2–6, 853
HP000-P001-SSC001-1218-01	2308018-05		silty clay; clayey silt	12 to 18	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 2–6, 853
HP000-P001-SSC001-1824-01	2308018-06		silty clay; clayey sand; sandy silt	18 to 24	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 2–6, 853
HP000-P001-SSC002-0002-01	2308018-07		clayey silt; sandy silt	0 to 2	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 7–11, 853
HP000-P001-SSC002-0206-01	2308018-08		clayey silt; sandy silt	2 to 6	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 7–11, 853
HP000-P001-SSC002-0612-01	2308018-09		sandy silt; clayey silt	6 to 12	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 7–11, 853
HP000-P001-SSC002-1218-01	2308018-10		sandy silt; silty sand; clayey silt	12 to 18	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 7–11, 853
HP000-P001-SSC002-1824-01	2308018-11		silty sand; sandy silt; silty clay; rocks	18 to 24	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 7–11, 853
HP000-P001-SSC003-0002-01	2308018-12		clayey silt; sandy silt	0 to 2	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 12–16, 853
HP000-P001-SSC003-0206-01	2308018-13		clayey silt; sandy silt	2 to 6	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 12–16, 853
HP000-P001-SSC003-0612-01	2308018-14		clayey silt; sandy silt	6 to 12	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 12–16, 853
HP000-P001-SSC003-1218-01	2308018-15		clayey silt; sandy silt; silty sand	12 to 18	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 12–16, 853
HP000-P001-SSC003-1824-01	2308018-16		clayey silt; sandy silt	18 to 24	9/20/2023	19, pp. 21, 34, 44; 22, p. 4; 26, p. 3; 53, pp. 12–16, 853
HP003-P001-SSC001-0002-01	2401015-11	HP003-P001	silty clay; trace gravel	0 to 2	12/19/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 843–847, 951
HP003-P001-SSC001-0206-01	2401015-12		silty clay; clayey silt; trace to little gravel	2 to 6	12/19/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 843–847, 951
HP003-P001-SSC001-0612-01	2401015-13		silty clay; trace to some gravel; sand	6 to 12	12/19/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 843–847, 951
HP003-P001-SSC001-1218-01	2401015-14		silty clay; gravelly sand	12 to 18	12/19/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 843–847, 951

TABLE 1. BACKGROUND SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP003-P001-SSC001-1824-01	2401015-15		silty clay; gravelly sand	18 to 24	12/19/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 843–847, 951
HP003-P001-SSC002-0002-01	2401015-16		clayey silt; sandy silt; silty clay; trace gravel	0 to 2	12/19/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 848–852, 951
HP003-P001-SSC002-0206-01	2401015-17		clayey silt; silty clay; some gravel and sand	2 to 6	12/19/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 848–852, 951
HP003-P001-SSC002-0206-02	2401015-18					
HP003-P001-SSC002-0612-01	2401015-19		silty clay; sandy clay; clayey silt; sandy silt; little to some gravel	6 to 12	12/19/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 848–852, 951
HP003-P001-SSC002-1218-01	2401015-20		silty clay; sandy clay; little to some gravel	12 to 18	12/19/2023	20, pp. 16, 36, 46; 22, p. 52; 31, p. 4; 53, pp. 848–852, 951
HP003-P001-SSC002-1824-01	2401015-21		sandy clay; silty clay; trace to little gravel	18 to 24	12/19/2023	20, pp. 16, 36, 46; 22, p. 52; 31, p. 4; 53, pp. 848–852, 951

Background Concentrations**TABLE 2. BACKGROUND SOIL SAMPLE CONCENTRATIONS**

Laboratory Sample ID	EPA Property ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
2308018-01	HP000-P001	Lead	95.0	0.923	26, p. 5
2308018-02		Lead	96.4	0.833	26, p. 6
2308018-03		Lead	126 ⁽²⁾	0.759	26, p. 7
2308018-04		Lead	46.5	0.896	26, p. 8
2308018-05		Lead	8.10	0.767	26, p. 9
2308018-06		Lead	6.42	0.822	26, p. 10
2308018-07		Lead	68.7	0.794	26, p. 11
2308018-08		Lead	58.7	0.795	26, p. 12
2308018-09		Lead	35.3	0.773	26, p. 13
2308018-10		Lead	11.7	0.728	26, p. 14
2308018-11		Lead	10.8	0.718	26, p. 15
2308018-12		Lead	73.1	0.742	26, p. 16
2308018-13		Lead	55.8	0.763	26, p. 16
2308018-14		Lead	16.4	0.763	26, p. 17
2308018-15		Lead	8.92	0.734	26, p. 18
2308018-16		Lead	8.94	0.731	26, p. 19
2401015-11	HP003-P001	Lead	56.6	0.847	31, p. 26
2401015-12		Lead	31.6	0.827	31, p. 27
2401015-13		Lead	17.8	0.795	31, p. 27
2401015-14		Lead	9.94	0.788	31, p. 28
2401015-15		Lead	10.7	0.812	31, p. 29
2401015-16		Lead	38.0	0.812	31, p. 30
2401015-17		Lead	33.1	0.800	31, p. 31
2401015-18		Lead	38.6	1.61	31, p. 32
2401015-19		Lead	18.1 J (26.1) ⁽³⁾	0.818	31, p. 33
2401015-20		Lead	15.9	0.766	31, p. 34
2401015-21		Lead	12.8	0.778	31, p. 35

mg/kg = milligram per kilogram

⁽¹⁾ The RLs were reported in accordance with method requirements; they are limits of quantitation that represent the lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a reasonable degree of accuracy and precision, and they are matrix- and dilution-dependent [Refs. 21, pp. 4, 6, 32, 40, 46; 52, p. 12]. This is equivalent to the HRS definition of SQL (i.e., the quantity of a hazardous substance that can be reasonably quantified given the limits of detection for the method of analysis and sample characteristics that may affect quantitation (e.g., dilution, concentration) [Ref. 1, Section 1.1].

(2) **BOLD** indicates background concentration chosen for use as the background level for each hazardous substance. Lead at 126 mg/kg in sample 2308018-03 is used as the background level because it is the highest lead concentration among the background samples.

(3) J = The identification of the analyte is acceptable; the reported value is an estimate with unknown bias [Ref. 31, pp. 2, 33]. For high or unknown biased qualified background sample results, the value presented parenthetically is the estimated maximum concentration obtained by applying adjustment factors from the EPA fact sheet *Using Qualified Data to Document and Observed Release and Observed Contamination* (November 2022) [Ref. 32, pp. 8, 20].

Additional Supporting Information for Background Levels

As shown above, the range of lead concentrations among the soil samples collected at the background reference areas is 6.42 mg/kg to 126 mg/kg. This range of lead concentrations in the samples is considered indicative of anthropogenic background, as a previous evaluation of available background data by EPA indicated a 5th percentile concentration of approximately 6 mg/kg, a 95th percentile concentration of approximately 37 mg/kg, and a maximum concentration of approximately 113 mg/kg for lead in eastern U.S. soils [Ref. 25, pp. 63, 66]. The same study by EPA reported a mean background concentration of 35 mg/kg for lead in the New Jersey soils subset [Ref. 25, p. 39].

Contaminated Samples - Observed Contamination Locations, AOC A, Residential Soils

Observed contamination soil sample IDs, locations, sample type, depths, and sampling dates are shown in **Table 3** of this HRS documentation record, and laboratory analytical results that meet observed contamination criteria are presented in **Table 4** of this HRS documentation record. The samples ending in “-02” are field duplicates of the samples ending in “-01” [Refs. 19, p. 44; 20, p. 46]. Observed contamination soil sampling locations are three- to five-point composite samples from specific depth intervals spanning the top 2 feet of the soil column; they were collected from the property locations shown in **Figure 3 and Figures 3a through 3i** of this HRS documentation record. As shown previously, the observed contamination soil samples were collected, processed, and analyzed according to the same methods as the background samples and within the same relative timeframe [see above, **Sample Collection and Processing Procedures for All Soil Samples and Laboratory Analytical Method, Data Verification/Validation, and Reporting Limits for All Soil Samples**]. Reference 22 and Reference 55 contain the applicable chain-of-custody records for the observed contamination soil samples [Ref. 22, pp. 5–8, 10, 12–19, 21–25, 27–47, 49, 51, 53–56, 58–61, 63–64, 72; 55, pp. 2–4, 7–8].

Notes for Table 3 [Refs. 19, pp. 21, 34, 44; 20, pp. 16, 36, 46]:

- 0002 0 to 2 inches bgs
- 0202 2 to 6 inches bgs
- 0612 6 to 12 inches bgs
- 1218 12 to 18 inches bgs
- 1824 18 to 24 inches bgs
- HP Historic Potteries
- SSC sieved soil composite

All samples in this table are five-point composites, except where the sample depth is denoted with * (four-point composite sample) or ** (three-point composite sample).

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS						
Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P019-SSC001-0002-01	2312044-01	HP002-P019	sandy silt; clayey silt; silty clay; trace to little gravel; plaster-like debris; red brick debris	0 to 2	12/29/2023	20, pp. 16, 36, 46; 22, p. 38; 28, p. 4; 53, pp. 606–610, 953
HP002-P019-SSC001-0206-01	2312044-02		sandy silt; silty sand; little to some gravel; trace clay; glass, red brick, and plaster-like debris	2 to 6	12/29/2023	20, pp. 16, 36, 46; 22, p. 38; 28, p. 4; 53, pp. 606–610, 953
HP002-P019-SSC002-0002-01	2401012-17		clayey silt; sandy silt; silty sand; little gravel	0 to 2	12/27/2023	20, pp. 16, 36, 46; 22, p. 47; 28, p. 5; 53, pp. 611–615, 953

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P019-SSC002-0206-01	2401012-18		sandy silt; trace to some gravel; red brick and metal debris	2 to 6	12/27/2023	20, pp. 16, 36, 46; 22, p. 47; 28, p. 5; 53, pp. 611–615, 953
HP002-P019-SSC002-0206-02	2401012-19					
HP002-P019-SSC004-0206-01	2401013-02		silty sand; sandy silt; little to some gravel; red brick debris	2 to 6	12/28/2023	20, pp. 16, 36, 46; 22, p. 49; 28, p. 6; 53, pp. 621–625, 953
HP002-P019-SSC005-0002-01	2401013-06		sandy silt; some clay; little to some gravel; red brick debris	0 to 2	12/28/2023	20, pp. 16, 36, 46; 22, p. 49; 28, p. 6; 53, pp. 626–630, 953
HP002-P019-SSC005-0206-01	2401013-07		sandy silt; some clay; trace to some gravel; red brick debris	2 to 6	12/28/2023	20, pp. 16, 36, 46; 22, p. 49; 28, p. 6; 53, pp. 626–630, 953
HP002-P019-SSC005-0612-01	2401013-08		sandy silt; silty sand; sandy clay; little to some gravel; red brick debris	6 to 12	12/28/2023	20, pp. 16, 36, 46; 22, p. 49; 28, p. 6; 53, pp. 626–630, 953
HP002-P019-SSC006-0206-01	2401013-12		sandy silt; silty sand; little to some gravel; trace clay; red brick debris	2 to 6 *	12/28/2023	20, pp. 16, 36, 46; 22, p. 49; 28, p. 6; 53, pp. 631–634, 953
HP002-P019-SSC014-0002-01	2312044-17		sandy silt; sandy clay; little gravel	0 to 2	12/29/2023	20, pp. 16, 36, 46; 22, p. 38; 28, p. 4; 53, pp. 673–677, 953
HP002-P019-SSC014-0206-01	2312044-18		sandy silt; trace to some gravel; little clay; red brick debris	2 to 6	12/29/2023	20, pp. 16, 36, 46; 22, p. 38; 28, p. 4; 53, pp. 673–677, 953
HP002-P019-SSC014-0612-01	2312044-19		sandy silt; silty sand; some gravel; trace to some clay; ceramic, red brick, and plaster-like debris	6 to 12	12/29/2023	20, pp. 16, 36, 46; 22, p. 38; 28, p. 4; 53, pp. 673–677, 953
HP002-P019-SSC016-0002-01	2312044-24		sandy silt; trace to some gravel	0 to 2 **	12/29/2023	20, pp. 16, 36, 46; 22, p. 39; 28, p. 4; 53, pp. 683–685, 953
HP001-P059-SSC001-0206-02	2309013-10	HP001-P059	sandy silt; trace to some gravel; glass and angular debris	2 to 6	10/23/2023	19, pp. 21, 34, 44; 22, p. 5; 27, p. 4; 53, pp. 29–33, 855
HP001-P061-SSC002-1218-01	2310035-20	HP001-P061	sandy silt; ceramic, brick, and glass debris	12 to 18 **	10/25/2023	19, pp. 21, 34, 44; 22, p. 10; 27, p. 5; 53, pp. 46–48, 857
HP001-P061-SSC002-1824-01	2310035-21		sandy silt; clayey silt; trace to some gravel; ceramic, red brick, and glass debris; possible clinker	18 to 24 **	10/25/2023	19, pp. 21, 34, 44; 22, p. 10; 27, p. 5; 53, pp. 46–48, 857
HP001-P063-SSC001-1824-01	2310011-11	HP001-P063	sandy silt; silty sand; some clay; trace to some gravel; ceramic and coal-like debris	18 to 24 **	11/9/2023	20, pp. 16, 36, 46; 22, p. 6; 29, p. 4; 53, pp. 49–52, 858
HP001-P064-SSC001-0612-01	2310011-20	HP001-P064	sandy silt; clayey silt; trace to some gravel; fabric debris	6 to 12 *	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 5; 53, pp. 56–59, 859
HP001-P065-SSC001-0002-01	2310011-23	HP001-P065	sandy silt; silty sand; landscaping gravel	0 to 2 **	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 5; 53, pp. 60–62, 860
HP001-P065-SSC001-0206-01	2310011-24		sandy silt; little to some gravel; ceramic and coal-like debris	2 to 6 **	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 5; 53, pp. 60–62, 860

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P065-SSC001-0612-01	2310011-25		sandy silt; trace to some gravel; ceramic and glass debris	6 to 12 **	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 5; 53, pp. 60–62, 860
HP001-P065-SSC001-1218-01	2310011-26		sandy silt; clayey silt; trace to some gravel	12 to 18 **	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 5; 53, pp. 60–62, 860
HP001-P065-SSC001-1824-01	2310011-27		sandy silt; clayey silt; little to some gravel; coal-like debris	18 to 24 **	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 5; 53, pp. 60–62, 860
HP001-P066-SSC001-0002-01	2310011-28	HP001-P066	sandy silt; trace to some gravel; trace clay; red brick debris	0 to 2	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 5; 53, pp. 63–67, 861
HP001-P066-SSC001-0206-01	2310011-29		sandy silt; silty sand; some gravel; some clay; red brick debris	2 to 6	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 6; 53, pp. 63–67, 861
HP001-P066-SSC001-0612-01	2310011-30		sandy silt; silty sand; some gravel; trace to some clay; plaster-like and red brick debris	6 to 12	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 6; 53, pp. 63–67, 861
HP001-P066-SSC001-1218-01	2310011-31		sandy silt; silty sand; clayey silt; trace to some gravel	12 to 18	11/9/2023	20, pp. 16, 36, 46; 22, p. 7; 29, p. 6; 53, pp. 63–67, 861
HP001-P068-SSC001-0002-01	2310011-38	HP001-P068	sandy silt; clayey silt; trace to little gravel; ceramic debris	0 to 2	11/13/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 68–72, 862; 55, pp. 1, 4
HP001-P068-SSC001-0206-01	2310011-39		sandy silt; little to some gravel; ceramic, coal-like, and glass debris	2 to 6	11/13/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 68–72, 862; 55, pp. 1, 4
HP001-P068-SSC001-0612-01	2310011-41		sandy silt; little to some gravel; trace clay; ceramic, coal, red brick, plaster-like, and glass debris; possible clinker	6 to 12	11/13/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 68–72, 862; 55, pp. 1, 4
HP001-P068-SSC001-1218-01	2310011-42		sandy silt; gravelly silt; gravelly sand; trace clay; ceramic, red brick, and coal-like debris; possible clinker	12 to 18	11/13/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 68–72, 862; 55, pp. 1, 4
HP001-P068-SSC001-1824-01	2310011-43		sandy silt; silty sand; gravelly sand; trace clay; ceramic, red brick, plaster-like, and coal-like debris; possible clinker	18 to 24	11/13/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 68–72, 862; 55, pp. 1, 4
HP001-P069-SSC001-0002-01	2311049-01		HP001-P069	sandy silt; clayey silt; little gravel; ceramic debris	0 to 2 *	11/14/2023
HP001-P069-SSC001-0206-01	2311049-02	sandy silt; little to some gravel; ceramic debris		2 to 6 *	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 6; 53, pp. 73–76, 863
HP001-P069-SSC001-0206-02	2311049-03	sandy silt; some gravel; trace clay; ceramic and glass debris		6 to 12 *	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 6; 53, pp. 73–76, 863
HP001-P069-SSC001-0612-01	2311049-04			6 to 12 *	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 6; 53, pp. 73–76, 863
HP001-P070-SSC001-0002-01	2311049-07	HP001-P070	sandy silt; little gravel; ceramic debris	0 to 2 **	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 6; 53, pp. 77–79, 864

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P070-SSC001-0206-01	2311049-08		sandy silt; little to some gravel; ceramic debris	2 to 6 **	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 6; 53, pp. 77-79, 864
HP001-P070-SSC001-0612-01	2311049-09		sandy silt; little to some gravel; ceramic and coal-like debris	6 to 12 **	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 6; 53, pp. 77-79, 864
HP001-P070-SSC001-1218-01	2311049-10		sandy silt; little to some gravel; ceramic and coal-like debris	12 to 18 **	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 6; 53, pp. 77-79, 864
HP001-P070-SSC001-1824-01	2311049-11		sandy silt; little to some gravel; ceramic debris	18 to 24 **	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 6; 53, pp. 77-79, 864
HP001-P071-SSC001-0002-01	2311049-12	HP001-P071	sandy silt; little to some gravel; ceramic and glass debris	0 to 2	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 7; 53, pp. 80-84, 865
HP001-P071-SSC001-0206-01	2311049-13		sandy silt; little to some gravel; ceramic debris	2 to 6	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 7; 53, pp. 80-84, 865
HP001-P071-SSC001-0206-02	2311049-14		sandy silt; little to some gravel; ceramic, plaster-like, and glass debris	6 to 12	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 7; 53, pp. 80-84, 865
HP001-P071-SSC001-0612-01	2311049-15		sandy silt; little to some gravel; trace to little clay; ceramic debris	12 to 18	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 7; 53, pp. 80-84, 865
HP001-P071-SSC001-1218-01	2311049-16		sandy silt; ceramic debris	0 to 2	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 7; 53, pp. 85-89, 866
HP001-P072-SSC001-0002-01	2311049-18	HP001-P072	sandy silt; little to some gravel; ceramic and glass debris	2 to 6	11/14/2023	20, pp. 16, 36, 46; 22, p. 12; 29, p. 7; 53, pp. 85-89, 866
HP001-P072-SSC001-0206-01	2311049-19		sandy silt; little to some gravel; ceramic and red brick debris	6 to 12	11/14/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 85-89, 866
HP001-P072-SSC001-0612-01	2311049-20		sandy silt; little to some gravel; trace clay; ceramic debris	12 to 18	11/14/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 85-89, 866
HP001-P072-SSC001-1218-01	2311049-21		sandy silt; little to some gravel; trace clay; ceramic debris	18 to 24	11/14/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 85-89, 866
HP001-P072-SSC001-1824-01	2311049-22		sandy silt; clayey silt; some gravel; ceramic debris	0 to 2	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 90-94, 867
HP001-P073-SSC001-0002-01	2311049-23	HP001-P073	sandy silt; gravelly sand; ceramic and coal-like debris	2 to 6	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 90-94, 867
HP001-P073-SSC001-0206-01	2311049-24		sandy silt; gravelly sand; ceramic, plaster-like, coal-like, and glass debris	6 to 12	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 90-94, 867
HP001-P073-SSC001-0206-02	2311049-25		sandy silt; little gravel; trace to little clay; ceramic, red brick, glass, and coal-like debris	12 to 18	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 90-94, 867
HP001-P073-SSC001-0612-01	2311049-26					
HP001-P073-SSC001-1218-01	2311049-27					

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P073-SSC002-0002-01	2311049-29		sandy silt; trace gravel; trace clay; glass and plaster-like debris	0 to 2 **	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 95–97, 867
HP001-P073-SSC002-0206-01	2311049-30		sandy silt; little to some gravel; trace clay; ceramic and coal-like debris	2 to 6 **	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 95–97, 867
HP001-P073-SSC002-0612-01	2311049-31		sandy silt; little to some gravel; trace to little clay; ceramic and plaster-like debris	6 to 12 **	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 95–97, 867
HP001-P073-SSC002-1218-01	2311049-32		sandy silt; gravelly sand; trace to some clay; ceramic and glass debris	12 to 18 **	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 95–97, 867
HP001-P073-SSC002-1824-01	2311049-33		sandy silt; clayey silt; silty clay; little to some gravel; coal-like and red brick debris	18 to 24 **	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 95–97, 867
HP001-P073-SSC003-0002-01	2311049-34		sandy silt; little to some gravel; ceramic and glass debris	0 to 2	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 98–102, 867
HP001-P073-SSC003-0206-01	2311049-35		sandy silt; trace to some gravel; ceramic, plaster-like, coal-like, and red brick debris	2 to 6	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 98–102, 867
HP001-P073-SSC003-0612-01	2311049-36		sandy silt; trace to some gravel; trace clay; ceramic and plaster-like debris	6 to 12	11/15/2023	20, pp. 16, 36, 46; 22, p. 13; 29, p. 7; 53, pp. 98–102, 867
HP001-P076-SSC001-0002-01	2311049-50	HP001-P076	sandy silt; trace to some gravel; glass debris	0 to 2 *	11/16/2023	20, pp. 16, 36, 46; 22, p. 14; 29, p. 8; 53, pp. 103–106, 868
HP001-P076-SSC001-0206-01	2311049-51		sandy silt; trace to some gravel; ceramic debris	2 to 6 *	11/16/2023	20, pp. 16, 36, 46; 22, p. 14; 29, p. 8; 53, pp. 103–106, 868
HP001-P076-SSC001-0612-01	2311049-52		sandy silt; trace to some gravel; ceramic and coal-like debris	6 to 12 *	11/16/2023	20, pp. 16, 36, 46; 22, p. 14; 29, p. 8; 53, pp. 103–106, 868
HP001-P076-SSC001-1218-01	2311049-53		sandy silt; little to some gravel; trace clay; plaster-like, red brick, and glass debris	12 to 18 *	11/16/2023	20, pp. 16, 36, 46; 22, p. 14; 29, p. 8; 53, pp. 103–106, 868
HP001-P076-SSC001-1824-01	2311049-54		sandy silt; gravelly sand; trace clay; ceramic, plaster-like, and glass debris	18 to 24 *	11/16/2023	20, pp. 16, 36, 46; 22, p. 14; 29, p. 8; 53, pp. 103–106, 868
HP001-P078-SSC001-0002-01	2311049-60	HP001-P078	sandy silt; little to some gravel; ceramic, glass, and rusted battery debris	0 to 2 *	11/16/2023	20, pp. 16, 36, 46; 22, p. 15; 29, p. 8; 53, pp. 107–110, 869
HP001-P078-SSC001-0206-01	2311049-61		sandy silt; trace to some gravel; ceramic, glass, plaster-like, and red brick debris	2 to 6 *	11/16/2023	20, pp. 16, 36, 46; 22, p. 15; 29, p. 8; 53, pp. 107–110, 869
HP001-P078-SSC001-0612-01	2311049-62		sandy silt; trace to some gravel; ceramic, plaster-like, and coal-like debris	6 to 12 *	11/16/2023	20, pp. 16, 36, 46; 22, p. 15; 29, p. 8; 53, pp. 107–110, 869
HP001-P079-SSC001-0002-01	2311049-70	HP001-P079	sandy silt; clayey silt; trace to little gravel; ceramic, glass, plaster-like, plastic, and food wrapper debris	0 to 2	11/17/2023	20, pp. 16, 36, 46; 22, p. 15; 29, p. 9; 53, pp. 114–118, 870
HP001-P079-SSC001-0206-01	2311049-71		sandy silt; little to some gravel; little clay; ceramic, glass, plaster-like, and red brick debris	2 to 6	11/17/2023	20, pp. 16, 36, 46; 22, p. 15; 29, p. 9; 53, pp. 114–118, 870

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P079-SSC001-0612-01	2311049-72		sandy silt; gravelly sand; trace clay; ceramic, glass, plaster-like, red brick, and coal-like debris	6 to 12	11/17/2023	20, pp. 16, 36, 46; 22, p. 15; 29, p. 9; 53, pp. 114–118, 870
HP001-P079-SSC001-1824-01	2311049-74		sandy silt; silty clay; trace to little gravel; ceramic, glass, plaster-like, and coal-like debris	18 to 24	11/17/2023	20, pp. 16, 36, 46; 22, p. 15; 29, p. 9; 53, pp. 114–118, 870
HP001-P080-SSC001-0002-01	2311049-75	HP001-P080	sandy silt; trace to some gravel; glass debris	0 to 2	11/17/2023	20, pp. 16, 36, 46; 22, p. 15; 29, p. 9; 53, pp. 119–123, 871
HP001-P080-SSC001-0206-01	2311049-76		sandy silt; little to some gravel; trace clay; ceramic, plaster-like, and coal-like debris	2 to 6	11/17/2023	20, pp. 16, 36, 46; 22, p. 15; 29, p. 9; 53, pp. 119–123, 871
HP001-P081-SSC001-0002-01	2311049-80	HP001-P081	sandy silt; trace to little gravel; ceramic and glass debris	0 to 2 **	11/18/2023	20, pp. 16, 36, 46; 22, p. 16; 29, p. 9; 53, pp. 124–126, 872
HP001-P081-SSC001-0206-01	2311049-81		sandy silt; little to some gravel; glass, red brick, and coal-like debris	2 to 6 **	11/18/2023	20, pp. 16, 36, 46; 22, p. 16; 29, p. 9; 53, pp. 124–126, 872
HP001-P081-SSC001-0612-01	2311049-82		sandy silt; little gravel; glass, red brick, and coal-like debris	6 to 12 **	11/18/2023	20, pp. 16, 36, 46; 22, p. 16; 29, p. 9; 53, pp. 124–126, 872
HP001-P081-SSC001-1218-01	2311049-83		sandy silt; trace to little gravel; little clay; glass debris	12 to 18 **	11/18/2023	20, pp. 16, 36, 46; 22, p. 16; 29, p. 9; 53, pp. 124–126, 872
HP001-P083-SSC003-0002-01	2312016-13	HP001-P083	sandy silt; trace to some gravel	0 to 2	11/20/2023	20, pp. 16, 36, 46; 22, p. 17; 29, p. 10; 53, pp. 137–141, 873
HP001-P085-SSC001-0612-01	2312024-09	HP001-P085	sandy silt; little to some gravel; ceramic, plaster-like, red brick, and glass debris	6 to 12 **	11/21/2023	20, pp. 16, 36, 46; 22, p. 21; 29, p. 12; 53, pp. 145–147, 874
HP001-P085-SSC001-1218-01	2312024-10		sandy silt; little to some gravel; trace to little clay; plaster-like debris	12 to 18 **	11/21/2023	20, pp. 16, 36, 46; 22, p. 21; 29, p. 12; 53, pp. 145–147, 874
HP001-P085-SSC002-0206-01	2312024-13		sandy silt; little to some gravel; trace clay; ceramic, glass, coal-like, red brick, and Styrofoam debris	2 to 6	11/21/2023	20, pp. 16, 36, 46; 22, p. 21; 29, p. 12; 53, pp. 148–152, 874
HP001-P085-SSC002-0612-01	2312024-14		sandy silt; little to some gravel; coal-like, red brick, and plaster-like debris	6 to 12	11/21/2023	20, pp. 16, 36, 46; 22, p. 21; 29, p. 12; 53, pp. 148–152, 874
HP001-P085-SSC002-1218-01	2312024-15		sandy silt; little to some gravel; trace clay; glass, coal-like, and red brick debris; possible clinker	12 to 18	11/21/2023	20, pp. 16, 36, 46; 22, p. 21; 29, p. 12; 53, pp. 148–152, 874
HP001-P085-SSC002-1824-01	2312024-16		sandy silt; clayey silt; trace to some gravel; coal-like, red brick, and plaster-like debris; possible clinker	18 to 24	11/21/2023	20, pp. 16, 36, 46; 22, p. 21; 29, p. 12; 53, pp. 148–152, 874
HP001-P085-SSC003-0002-01	2312024-17		sandy silt; trace to little gravel; ceramic and red brick debris	0 to 2	11/21/2023	20, pp. 16, 36, 46; 22, p. 21; 29, p. 12; 53, pp. 153–157, 874
HP001-P085-SSC003-0206-01	2312024-18		sandy silt; trace to some gravel; ceramic, glass, and red brick debris	2 to 6	11/21/2023	20, pp. 16, 36, 46; 22, p. 21; 29, p. 12; 53, pp. 153–157, 874

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References	
HP001-P085-SSC003-0612-01	2312024-19		sandy silt; little to some gravel; plaster-like, coal-like, glass, and red brick debris	6 to 12	11/21/2023	20, pp. 16, 36, 46; 22, p. 21; 29, p. 12; 53, pp. 153–157, 874	
HP001-P085-SSC003-1218-01	2312024-20		sandy silt; trace to some gravel; trace to little clay; coal-like, red brick, and glass debris	12 to 18	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 12; 53, pp. 153–157, 874	
HP001-P086-SSC001-0002-01	2312024-22	HP001-P086	sandy silt; trace to some gravel; red brick and glass debris	0 to 2	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 12; 53, pp. 158–162, 875	
HP001-P086-SSC001-0206-01	2312024-23		sandy silt; little to some gravel; plaster-like and glass debris	2 to 6	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 12; 53, pp. 158–162, 875	
HP001-P086-SSC001-0206-02	2312024-24		sandy silt; little to some gravel; ceramic, glass, plaster-like, and red brick debris	6 to 12	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 12; 53, pp. 158–162, 875	
HP001-P086-SSC001-0612-01	2312024-25		sandy silt; trace to some gravel; trace clay; ceramic, plaster-like, glass, and coal-like debris	12 to 18	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 12; 53, pp. 158–162, 875	
HP001-P087-SSC001-0002-01	2312024-28		HP001-P087	sandy silt; trace to some gravel; ceramic and coal-like debris	0 to 2	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 12; 53, pp. 163–167, 876
HP001-P087-SSC001-0206-01	2312024-29			sandy silt; little to some gravel; ceramic, glass, and red brick debris	2 to 6	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 12; 53, pp. 163–167, 876
HP001-P087-SSC001-0612-01	2312024-30	sandy silt; trace to some gravel; plaster-like, glass, red brick, and coal-like debris		6 to 12	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 12; 53, pp. 163–167, 876	
HP001-P087-SSC002-0002-01	2312024-33	sandy silt; trace gravel; glass debris		0 to 2	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 13; 53, pp. 168–172, 876	
HP001-P087-SSC002-0206-01	2312024-34	sandy silt; trace to some gravel; ceramic, glass, and red brick debris		2 to 6	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 13; 53, pp. 168–172, 876	
HP001-P087-SSC002-0612-01	2312024-35	sandy silt; little to some gravel; ceramic, plaster-like, glass, brick, and rusted metal debris		6 to 12	11/21/2023	20, pp. 16, 36, 46; 22, p. 22; 29, p. 13; 53, pp. 168–172, 876	
HP001-P088-SSC001-0002-01	2312016-18	HP001-P088		sandy silt; trace to little gravel; brick and glass debris	0 to 2	11/22/2023	20, pp. 16, 36, 46; 22, p. 17; 29, p. 10; 53, pp. 173–177, 877
HP001-P088-SSC001-0206-01	2312016-19		sandy silt; trace to some gravel; ceramic, glass, plaster-like, and brick debris	2 to 6	11/22/2023	20, pp. 16, 36, 46; 22, pp. 17–18; 29, p. 10; 53, pp. 173–177, 877	
HP001-P088-SSC001-0206-02	2312016-20		sandy silt; little to some gravel; trace clay; ceramic, plaster-like, glass, coal-like, and brick debris	6 to 12	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 173–177, 877	
HP001-P088-SSC001-0612-01	2312016-21		silty clay; sandy silt; trace to little gravel; brick, plaster-like, glass, and coal-like debris	12 to 18	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 173–177, 877	
HP001-P088-SSC001-1218-01	2312016-22		sandy silt; trace to some gravel; ceramic and glass debris	0 to 2 **	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 178–180, 877	
HP001-P088-SSC002-0002-01	2312016-24						

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P088-SSC002-0206-01	2312016-25		sandy silt; little gravel; trace clay; ceramic and glass debris	2 to 6 **	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 178–180, 877
HP001-P088-SSC002-0612-01	2312016-26		sandy silt; gravelly sand; trace clay; ceramic, glass, coal-like, and red brick debris	6 to 12 **	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 178–180, 877
HP001-P088-SSC002-1218-01	2312016-27		gravelly sand; sandy silt; clayey silt; ceramic, glass, plaster-like, coal-like, and red brick debris	12 to 18 **	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 178–180, 877
HP001-P088-SSC003-0206-01	2312016-30		sandy silt; silty sand; trace to some gravel; ceramic, glass, and red brick debris	2 to 6	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 181–185, 877
HP001-P088-SSC003-0612-01	2312016-31		sandy silt; little to some gravel; little to some clay; ceramic and glass debris	6 to 12	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 181–185, 877
HP001-P089-SSC001-0002-01	2312016-34	HP001-P089	sandy silt; trace gravel; ceramic, plaster-like, and glass debris	0 to 2 *	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 186–189, 878
HP001-P089-SSC001-0206-01	2312016-35		sandy silt; trace to some gravel; ceramic, plaster-like, and coal-like debris	2 to 6 *	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 186–189, 878
HP001-P089-SSC001-0612-01	2312016-36		sandy silt; clayey silt; little to some gravel; ceramic, glass, plaster-like, coal-like, and red brick debris	6 to 12 *	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 10; 53, pp. 186–189, 878
HP001-P089-SSC001-1218-01	2312016-37		sandy silt; silty clay; gravelly sand; ceramic, glass, plaster-like, coal-like, and red brick debris	12 to 18 *	11/22/2023	20, pp. 16, 36, 46; 22, p. 18; 29, p. 11; 53, pp. 186–189, 878
HP001-P090-SSC001-0002-01	2312016-39	HP001-P090	sandy silt; trace to little gravel; trace clay; ceramic, glass, and metal debris	0 to 2	11/22/2023	20, pp. 16, 36, 46; 22, p. 19; 29, p. 11; 53, pp. 190–194, 879
HP001-P090-SSC001-0206-01	2312016-40		sandy silt; trace to little gravel; ceramic, plaster-like, and red brick debris	2 to 6	11/22/2023	20, pp. 16, 36, 46; 22, p. 19; 29, p. 11; 53, pp. 190–194, 879
HP001-P090-SSC001-0612-01	2312016-41		sandy silt; trace to little gravel; little to some clay	6 to 12	11/22/2023	20, pp. 16, 36, 46; 22, p. 19; 29, p. 11; 53, pp. 190–194, 879
HP001-P091-SSC001-0206-01	2312024-39	HP001-P091	sandy silt; some clay; trace to little gravel; glass and rusted metal debris	2 to 6	11/27/2023	20, pp. 16, 36, 46; 22, p. 23; 29, p. 13; 53, pp. 195–199, 880
HP001-P091-SSC001-0206-02	2312024-40					
HP001-P091-SSC001-0612-01	2312024-41		sandy silt; silty sand; sandy clay; trace to some gravel; ceramic and plastic debris	6 to 12	11/27/2023	20, pp. 16, 36, 46; 22, p. 23; 29, p. 13; 53, pp. 195–199, 880
HP001-P097-SSC001-0002-01	2401011-01	HP001-P097	sandy silt; clayey silt; trace gravel; red brick and glass debris	0 to 2	11/28/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 13; 53, pp. 203–207, 881
HP001-P097-SSC001-0206-01	2401011-02		sandy silt; clayey silt; trace to some gravel; ceramic, plaster-like, and glass debris	2 to 6	11/28/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 13; 53, pp. 203–207, 881
HP001-P097-SSC001-0206-02	2401011-03					
HP001-P097-SSC001-0612-01	2401011-04		sandy silt; clayey silt; trace to some gravel; glass debris	6 to 12	11/28/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 13; 53, pp. 203–207, 881

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P097-SSC001-1218-01	2401011-05		sandy silt; silty sand; silty clay; trace to some gravel; red brick debris	12 to 18	11/28/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 13; 53, pp. 203–207, 881
HP001-P097-SSC001-1824-01	2401011-06		sandy silt; gravelly sand; clayey silt; silty clay; red brick debris	18 to 24	11/28/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 13; 53, pp. 203–207, 881
HP001-P097-SSC002-0002-01	2312046-07		sandy silt; trace to little gravel; coal-like debris	0 to 2	11/28/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 208–212, 881
HP001-P097-SSC002-0206-01	2312046-08		sandy silt; trace to little gravel; trace clay; ceramic and red brick debris	2 to 6	11/28/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 208–212, 881
HP001-P097-SSC002-0612-01	2312046-09		sandy silt; clayey silt; trace to little gravel; ceramic and glass debris	6 to 12	11/28/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 208–212, 881
HP001-P099-SSC001-0002-01	2401011-07	HP001-P099	sandy silt; trace to some gravel; glass and red brick debris	0 to 2	11/29/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 13; 53, pp. 213–217, 882
HP001-P099-SSC001-0206-01	2401011-08		clayey silt; sandy silt; little to some gravel; trace clay; glass and plaster-like debris	2 to 6	11/29/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 13; 53, pp. 213–217, 882
HP001-P099-SSC001-0612-01	2401011-09		sandy silt; clayey silt; little to some gravel; ceramic, red brick, plaster-like, and glass debris	6 to 12	11/29/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 13; 53, pp. 213–217, 882
HP001-P102-SSC001-0002-01	2312045-01	HP001-P102	sandy silt; trace gravel; glass debris	0 to 2	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 9; 53, pp. 218–222, 883
HP001-P102-SSC001-0206-01	2312045-02		sandy silt; trace to some gravel; red brick and coal-like debris	2 to 6	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 9; 53, pp. 218–222, 883
HP001-P102-SSC001-0612-01	2312045-03		sandy silt; trace to some gravel; ceramic, plaster-like, and glass debris	6 to 12	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 9; 53, pp. 218–222, 883
HP001-P102-SSC001-1218-01	2312045-04		sandy silt; clayey silt; some gravel; ceramic debris	12 to 18	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 218–222, 883
HP001-P103-SSC001-0002-01	2312045-06	HP001-P103	sandy silt; trace to some gravel; trace clay; ceramic, glass, and red brick debris	0 to 2	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 223–227, 884
HP001-P103-SSC001-0206-01	2312045-07		sandy silt; some clay; trace to little gravel; glass, clay pottery, and coal-like debris	2 to 6	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 223–227, 884
HP001-P103-SSC001-0206-02	2312045-08					
HP001-P104-SSC001-0002-01	2312045-12	HP001-P104	sandy silt; trace to some gravel; trace to little clay; glass debris	0 to 2	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 228–232, 885
HP001-P104-SSC001-0206-01	2312045-13		sandy silt; trace to some gravel; trace clay; ceramic, coal-like, and red brick debris; possible clinker	2 to 6	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 228–232, 885
HP001-P104-SSC001-0612-01	2312045-14		sandy silt; little to some gravel; little to some clay; plaster-like, coal-like, and red brick debris	6 to 12	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 228–232, 885
HP001-P104-SSC001-1218-01	2312045-15		sandy silt; silty sand; clayey silt; silty clay; some gravel; coal-like and brick debris	12 to 18	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 228–232, 885

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P104-SSC001-1824-01	2312045-16		silty clay; sandy silt; silty sand; little to some gravel; glass and red brick debris	18 to 24	11/30/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 228–232, 885
HP001-P106-SSC001-0002-01	2312042-01	HP001-P106	sandy silt; little to some clay; trace to some gravel; ceramic and glass debris	0 to 2	12/1/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 6; 53, pp. 233–237, 886
HP001-P106-SSC001-0206-01	2312042-02		sandy silt; gravelly sand; ceramic and red brick debris; possible clinker	2 to 6	12/1/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 6; 53, pp. 233–237, 886
HP001-P106-SSC001-0612-01	2312042-03		sandy silt; some gravel; trace clay; ceramic and red brick debris	6 to 12	12/1/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 6; 53, pp. 233–237, 886
HP001-P106-SSC001-1218-01	2312042-04		sandy silt; gravelly sand; ceramic, plaster-like, red brick, and coal-like debris; possible clinker	12 to 18	12/1/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 6; 53, pp. 233–237, 886
HP001-P106-SSC001-1824-01	2312042-05		gravelly sand; sandy silt; ceramic, plaster-like, red brick, and coal-like debris; possible clinker	18 to 24	12/1/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 6; 53, pp. 233–237, 886
HP001-P109-SSC001-0002-01	2312032-06		HP001-P109	sandy silt; trace to some gravel; ceramic, red brick, and glass debris	0 to 2 **	12/5/2023
HP001-P109-SSC001-0206-01	2312032-07	sandy silt; trace to some gravel		2 to 6 **	12/5/2023	20, pp. 16, 36, 46; 22, p. 24; 29, p. 14; 53, pp. 244–246, 889
HP001-P109-SSC001-0206-02	2312032-08	sandy silt; trace to some gravel; ceramic and red brick debris		6 to 12 **	12/5/2023	20, pp. 16, 36, 46; 22, p. 24; 29, p. 14; 53, pp. 244–246, 889
HP001-P109-SSC001-0612-01	2312032-09	clayey silt; sandy silt; trace to some gravel; ceramic debris		12 to 18 **	12/5/2023	20, pp. 16, 36, 46; 22, p. 24; 29, p. 14; 53, pp. 244–246, 889
HP001-P109-SSC001-1218-01	2312032-10					
HP001-P110-SSC002-0206-01	2312037-12	HP001-P110	sandy silt; little to some gravel; trace to little clay; ceramic, plaster-like, red brick, coal-like, and glass debris	2 to 6	12/6/2023	20, pp. 16, 36, 46; 22, p. 27; 30, p. 4; 53, pp. 252–256, 890
HP001-P110-SSC002-0612-01	2312037-13		sandy silt; little to some gravel; trace to little clay; plaster-like and red brick debris	6 to 12	12/6/2023	20, pp. 16, 36, 46; 22, p. 27; 30, p. 4; 53, pp. 252–256, 890
HP001-P110-SSC002-1218-01	2312037-14		sandy silt; trace to little gravel; trace to little clay; red brick, coal-like, and piping debris	12 to 18	12/6/2023	20, pp. 16, 36, 46; 22, p. 27; 30, p. 4; 53, pp. 252–256, 890
HP001-P111-SSC001-0002-01	2312039-01	HP001-P111	sandy silt; trace to little gravel; trace to little clay; glass debris	0 to 2	12/6/2023	20, pp. 16, 36, 46; 22, p. 30; 30, p. 5; 53, pp. 257–261, 891
HP001-P111-SSC001-0206-01	2312039-02		sandy silt; little to some gravel; trace to some clay; red brick, coal-like, and glass debris	2 to 6	12/6/2023	20, pp. 16, 36, 46; 22, p. 30; 30, p. 5; 53, pp. 257–261, 891
HP001-P111-SSC001-0612-01	2312039-03		sandy silt; little to some gravel; trace to some clay; red brick, plaster-like, and coal-like debris	6 to 12	12/6/2023	20, pp. 16, 36, 46; 22, p. 30; 30, p. 5; 53, pp. 257–261, 891
HP001-P111-SSC001-1218-01	2312039-04		sandy silt; silty clay; trace to little gravel; coal-like debris	12 to 18	12/6/2023	20, pp. 16, 36, 46; 22, p. 30; 30, p. 5; 53, pp. 257–261, 891

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P112-SSC001-0002-01	2312032-12	HP001-P112	sandy silt; trace gravel	0 to 2	12/5/2023	20, pp. 16, 36, 46; 22, p. 24; 29, p. 14; 53, pp. 262–266, 892
HP001-P112-SSC001-0206-01	2312032-13		sandy silt; trace to some gravel; ceramic, plaster-like, red brick, and glass debris	2 to 6	12/5/2023	20, pp. 16, 36, 46; 22, p. 24; 29, p. 14; 53, pp. 262–266, 892
HP001-P112-SSC001-0206-02	2312032-14		sandy silt; trace to little gravel; trace clay; plaster-like, red brick, and glass debris	6 to 12	12/5/2023	20, pp. 16, 36, 46; 22, p. 24; 29, p. 14; 53, pp. 262–266, 892
HP001-P112-SSC001-0612-01	2312032-15		clayey silt; sandy silt; silty sand; trace to some gravel; plaster-like debris	18 to 24	12/5/2023	20, pp. 16, 36, 46; 22, p. 24; 29, p. 14; 53, pp. 262–266, 892
HP001-P112-SSC001-1824-01	2312032-17		sandy silt; little gravel	0 to 2	12/5/2023	20, pp. 16, 36, 46; 22, p. 24; 29, p. 14; 53, pp. 267–271, 893
HP001-P113-SSC001-0002-01	2312032-18	HP001-P113	sandy silt; trace to some gravel; red brick and glass debris	2 to 6	12/5/2023	20, pp. 16, 36, 46; 22, p. 24; 29, p. 14; 53, pp. 267–271, 893
HP001-P113-SSC001-0206-01	2312032-19		sandy silt; trace to little gravel; trace clay; ceramic, red brick, and coal-like debris	6 to 12	12/5/2023	20, pp. 16, 36, 46; 22, p. 25; 29, p. 14; 53, pp. 267–271, 893
HP001-P113-SSC002-0002-01	2312032-23		sandy silt; little gravel; mulch	0 to 2 **	12/5/2023	20, pp. 16, 36, 46; 22, p. 25; 29, p. 14; 53, pp. 272–274, 893
HP001-P113-SSC002-0206-01	2312032-24		sandy silt; trace to little gravel; trace clay; ceramic and red brick debris	2 to 6 **	12/5/2023	20, pp. 16, 36, 46; 22, p. 25; 29, p. 14; 53, pp. 272–274, 893
HP001-P113-SSC002-0612-01	2312032-25		sandy silt; clayey silt; trace to some gravel; red brick debris	6 to 12 **	12/5/2023	20, pp. 16, 36, 46; 22, p. 25; 29, p. 14; 53, pp. 272–274, 893
HP001-P113-SSC002-1218-01	2312032-26		sandy silt; clayey silt; trace to some gravel	12 to 18 **	12/5/2023	20, pp. 16, 36, 46; 22, p. 25; 29, p. 14; 53, pp. 272–274, 893
HP001-P115-SSC001-0002-01	2312039-12		HP001-P115	sandy silt; cover gravel; little clay	0 to 2	12/6/2023
HP001-P115-SSC001-0206-01	2312039-13	sandy silt; clayey silt; little to some gravel; ceramic, plaster-like, red brick, coal-like, and glass debris		2 to 6	12/6/2023	20, pp. 16, 36, 46; 22, p. 30; 30, p. 6; 53, pp. 280–284, 895
HP001-P115-SSC001-0206-02	2312039-14	sandy silt; silty sand; clayey silt; some gravel; ceramic, plaster-like, red brick, coal-like, and glass debris; possible clinker		6 to 12	12/6/2023	20, pp. 16, 36, 46; 22, p. 30; 30, p. 6; 53, pp. 280–284, 895
HP001-P115-SSC001-0612-01	2312039-15	sandy clay; silty clay; clayey sand; sandy silt; some gravel; red brick, plaster-like, and coal-like debris		12 to 18	12/6/2023	20, pp. 16, 36, 46; 22, p. 30; 30, p. 6; 53, pp. 280–284, 895
HP001-P115-SSC001-1218-01	2312039-16	sandy silt; trace to some gravel; plaster-like and coal-like debris		0 to 2	12/7/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 285–289, 896
HP001-P116-SSC001-0002-01	2401018-01	HP001-P116	sandy silt; trace to some gravel; ceramic, plaster-like, coal-like, and glass debris	2 to 6	12/7/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 285–289, 896
HP001-P116-SSC001-0206-01	2401018-02		sandy silt; trace to some gravel; ceramic, plaster-like, coal-like, and glass debris	2 to 6	12/7/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 285–289, 896

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P116-SSC001-0612-01	2401018-03		sandy silt; trace to little gravel; ceramic, plaster-like, red brick, and coal-like debris	6 to 12	12/7/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 285–289, 896
HP001-P116-SSC001-1824-01	2401018-05		sandy clay; sandy silt; silty sand; trace to little gravel; ceramic and coal-like debris	18 to 24	12/7/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 285–289, 896
HP001-P117-SSC001-0002-01	2312037-16		sandy silt; trace to little gravel; glass debris	0 to 2	12/7/2023	20, pp. 16, 36, 46; 22, p. 27; 30, p. 4; 53, pp. 290–294, 897
HP001-P117-SSC001-0206-01	2312037-17		sandy silt; little to some gravel; ceramic, plaster-like, red brick, and glass debris	2 to 6	12/7/2023	20, pp. 16, 36, 46; 22, p. 27; 30, p. 4; 53, pp. 290–294, 897
HP001-P117-SSC001-0206-02	2312037-18		sandy silt; little to some gravel; ceramic, plaster-like, red brick, glass, coal-like, metal, and fabric debris	6 to 12	12/7/2023	20, pp. 16, 36, 46; 22, p. 27; 30, p. 4; 53, pp. 290–294, 897
HP001-P117-SSC001-0612-01	2312037-19		sandy silt; trace to some gravel; trace to little clay; ceramic, glass, and coal-like debris	12 to 18	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 4; 53, pp. 290–294, 897
HP001-P117-SSC001-1218-01	2312037-20		sandy silt; clayey sand; gravelly sand; ceramic, plaster-like, coal-like, and glass debris	18 to 24	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 4; 53, pp. 290–294, 897
HP001-P117-SSC002-0002-01	2312037-21		sandy silt; little gravel; trace to little clay; plaster-like, glass, and wood chip cover debris	0 to 2 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 4; 53, pp. 295–298, 897
HP001-P117-SSC002-0206-01	2312037-22		sandy silt; little to some gravel; little clay; ceramic, plaster-like, red brick, glass, and fabric debris	2 to 6 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 4; 53, pp. 295–298, 897
HP001-P117-SSC002-0612-01	2312037-23		sandy silt; sandy clay; little to some gravel; ceramic, plaster-like, red brick, and glass debris	6 to 12 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 4; 53, pp. 295–298, 897
HP001-P117-SSC002-1218-01	2312037-24		sandy silt; sandy clay; little to some gravel; ceramic, plaster-like, red brick, coal-like, and glass debris	12 to 18 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 4; 53, pp. 295–298, 897
HP001-P117-SSC002-1218-02	2312037-25		sandy silt; sandy clay; little to some gravel; ceramic, red brick, glass, and wood chip debris	18 to 24 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 4; 53, pp. 295–298, 897
HP001-P117-SSC002-1824-01	2312037-26		sandy silt; gravel cover, gravelly sand; glass debris	0 to 2 **	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 4; 53, pp. 299–301, 897
HP001-P117-SSC003-0002-01	2312037-27		sandy silt; trace to some gravel; some clay; ceramic, plaster-like, and red brick debris	2 to 6 **	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 5; 53, pp. 299–301, 897
HP001-P117-SSC003-0206-01	2312037-28		sandy silt; little to some gravel; little clay; plaster-like and coal-like debris	6 to 12 **	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 5; 53, pp. 299–301, 897
HP001-P117-SSC003-0612-01	2312037-29		sandy silt; sandy clay; trace to little gravel	12 to 18 **	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 5; 53, pp. 299–301, 897
HP001-P117-SSC003-1218-01	2312037-30		sandy silt; trace gravel; some fill; red brick debris	0 to 2	12/8/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 13; 53, pp. 305–309, 898
HP001-P118-SSC001-0002-01	2401011-12	HP001-P118				

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P118-SSC001-0206-01	2401011-13		sandy silt; gravelly sand; trace clay; ceramic, plaster-like, red brick, and coal-like debris	2 to 6	12/8/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 14; 53, pp. 305–309, 898
HP001-P118-SSC001-0612-01	2401011-14		sandy silt; silty sand; trace to some gravel; ceramic, plaster-like, red brick, coal-like, and rusted metal debris	6 to 12	12/8/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 14; 53, pp. 305–309, 898
HP001-P118-SSC001-1218-01	2401011-15		silty sand; sandy silt; trace to little gravel; plaster-like debris	12 to 18	12/8/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 14; 53, pp. 305–309, 898
HP001-P118-SSC001-1824-01	2401011-16		silty sand; sandy silt; trace to little gravel	18 to 24	12/8/2023	20, pp. 16, 36, 46; 22, p. 46; 30, p. 14; 53, pp. 305–309, 898
HP001-P119-SSC001-0002-01	2312046-12	HP001-P119	sandy silt; clayey silt; trace to little gravel; ceramic and glass debris	0 to 2	12/11/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 310–314, 899
HP001-P119-SSC001-0206-01	2312046-13		sandy silt; silty sand; trace to some gravel; plaster-like and red brick debris	2 to 6	12/11/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 310–314, 899
HP001-P119-SSC001-0612-01	2312046-14		sandy silt; silty sand; little to some gravel; red brick debris	6 to 12	12/11/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 310–314, 899
HP001-P119-SSC001-1218-01	2312046-15		silty sand; sandy silt; silty clay; little to some gravel; plaster-like and red brick debris	12 to 18	12/11/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 310–314, 899
HP001-P119-SSC001-1824-01	2312046-16		silty sand; clayey sand; silty clay; little to some gravel; plaster-like and red brick debris	18 to 24	12/11/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 310–314, 899
HP001-P120-SSC001-0002-01	2312045-17		HP001-P120	sandy silt; clayey silt; silty clay; trace to some gravel; rusted metal debris	0 to 2	12/11/2023
HP001-P120-SSC001-0206-01	2312045-18	clayey silt; sandy silt; silty clay; trace to some gravel		2 to 6	12/11/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 315–319, 900
HP001-P120-SSC001-0612-01	2312045-19	clayey silt; sandy silt; silty clay; little to some gravel; red brick debris		6 to 12	12/11/2023	20, pp. 16, 36, 46; 22, p. 40; 30, p. 10; 53, pp. 315–319, 900
HP001-P121-SSC001-0002-01	2312046-17	HP001-P121	sandy silt; clayey silt; trace to little gravel; red brick debris	0 to 2	12/11/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 320–324, 901
HP001-P121-SSC001-0206-01	2312046-18		sandy silt; silty sand; some clay; trace to little gravel; ceramic and plaster-like debris	2 to 6	12/11/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 320–324, 901
HP001-P121-SSC001-0612-01	2312046-19		sandy silt; silty sand; trace to some gravel; little to some clay; ceramic, plaster-like, coal-like, and glass debris	6 to 12	12/11/2023	20, pp. 16, 36, 46; 22, p. 44; 30, p. 12; 53, pp. 320–324, 901
HP001-P121-SSC001-1218-01	2312046-20		sandy clay; clayey silt; sandy silt; silty sand; trace to some gravel; red brick and coal-like debris	12 to 18	12/11/2023	20, pp. 16, 36, 46; 22, p. 45; 30, p. 13; 53, pp. 320–324, 901
HP001-P121-SSC002-0002-01	2312046-22		sandy silt; clayey silt; trace to little gravel	0 to 2 **	12/11/2023	20, pp. 16, 36, 46; 22, p. 45; 30, p. 13; 53, pp. 325–327, 901

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References	
HP001-P121-SSC002-0206-01	2312046-23		sandy silt; trace to some clay; trace to little gravel	2 to 6 **	12/11/2023	20, pp. 16, 36, 46; 22, p. 45; 30, p. 13; 53, pp. 325–327, 901	
HP001-P121-SSC002-0206-02	2312046-24						
HP001-P121-SSC002-0612-01	2312046-25		sandy silt; sandy clay; little to some gravel; ceramic, plaster-like, and glass debris	6 to 12 **	12/11/2023	20, pp. 16, 36, 46; 22, p. 45; 30, p. 13; 53, pp. 325–327, 901	
HP001-P121-SSC002-1218-01	2312046-26		sandy clay; silty clay; trace to some gravel; plaster-like debris	12 to 18 **	12/11/2023	20, pp. 16, 36, 46; 22, p. 45; 30, p. 13; 53, pp. 325–327, 901	
HP001-P123-SSC001-0206-01	2312043-12	HP001-P123	sandy silt; clayey silt; trace to some gravel	2 to 6	12/12/2023	20, pp. 16, 36, 46; 22, p. 35; 30, p. 8; 53, pp. 334–338, 903	
HP001-P123-SSC001-0206-02	2312043-13						
HP001-P123-SSC001-0612-01	2312043-14		sandy clay; sandy silt; clayey silt; little to some gravel; ceramic, plaster-like, coal-like, and glass debris	6 to 12	12/12/2023	20, pp. 16, 36, 46; 22, p. 35; 30, p. 8; 53, pp. 334–338, 903	
HP001-P123-SSC001-1218-01	2312043-15		sandy clay; clayey silt; little to some gravel; glass debris	12 to 18	12/12/2023	20, pp. 16, 36, 46; 22, p. 35; 30, p. 8; 53, pp. 334–338, 903	
HP001-P123-SSC002-0206-01	2312045-23		sandy silt; clayey silt; trace to little gravel; coal-like and glass debris	2 to 6	12/12/2023	20, pp. 16, 36, 46; 22, p. 41; 30, p. 10; 53, pp. 339–343, 903	
HP001-P123-SSC002-0206-02	2312045-24		sandy silt; silty clay; trace to some gravel; plaster-like, red brick, coal-like, and glass debris; possible clinker	6 to 12	12/12/2023	20, pp. 16, 36, 46; 22, p. 41; 30, p. 10; 53, pp. 339–343, 903	
HP001-P123-SSC002-0612-01	2312045-25						
HP001-P123-SSC003-0002-01	2312045-28		sandy silt; trace to little gravel	0 to 2 **	12/12/2023	20, pp. 16, 36, 46; 22, p. 41; 30, p. 10; 53, pp. 344–346, 903	
HP001-P123-SSC003-0206-01	2312045-29		sandy silt; little gravel to gravelly; coal-like and red brick debris	2 to 6 **	12/12/2023	20, pp. 16, 36, 46; 22, p. 41; 30, p. 10; 53, pp. 344–346, 903	
HP001-P123-SSC003-0206-02	2312045-30						
HP001-P123-SSC003-0612-01	2312045-31		sandy silt; gravelly; trace clay; coal-like debris; possible clinker	6 to 12 **	12/12/2023	20, pp. 16, 36, 46; 22, p. 41; 30, p. 10; 53, pp. 344–346, 903	
HP001-P123-SSC003-1218-01	2312045-32		sandy clay; sandy silt; little gravel; glass debris	12 to 18 **	12/12/2023	20, pp. 16, 36, 46; 22, p. 41; 30, p. 11; 53, pp. 344–346, 903	
HP001-P124-SSC001-0002-01	2312042-06		HP001-P124	sandy silt; clayey silt; trace gravel; wood chip debris	0 to 2 **	12/13/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 6; 53, pp. 347–349, 904
HP001-P124-SSC001-0206-01	2312042-07			sandy silt; little to some gravel; trace clay; coal-like and metal debris	2 to 6 **	12/13/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 7; 53, pp. 347–349, 904
HP001-P124-SSC001-0206-02	2312042-08	silty sand; sandy silt; trace to some gravel		6 to 12 **	12/13/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 7; 53, pp. 347–349, 904	
HP001-P124-SSC001-0612-01	2312042-09						
HP001-P124-SSC002-0002-01	2312042-12	sandy silt; clayey silt; gravelly sand; glass debris		0 to 2	12/13/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 7; 53, pp. 350–354, 904	

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P124-SSC002-0206-01	2312042-13		sandy silt; trace to some gravel; plaster-like, metal, and fabric debris	2 to 6	12/13/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 7; 53, pp. 350–354, 904
HP001-P124-SSC002-0612-01	2312042-14		sandy silt; silty sand; some gravel; trace clay; red brick and glass debris	6 to 12	12/13/2023	20, pp. 16, 36, 46; 22, p. 32; 30, p. 7; 53, pp. 350–354, 904
HP001-P124-SSC003-0612-01	2312042-20		sandy silt; little gravel; ceramic and plaster-like debris	6 to 12 **	12/13/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 355–357, 904
HP001-P124-SSC004-0002-01	2312042-23		sandy silt; clayey silt; trace gravel; plaster-like debris	0 to 2	12/13/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 358–362, 904
HP001-P124-SSC004-0206-01	2312042-24		sandy silt; little to some gravel; ceramic, plaster-like, and red brick debris	2 to 6	12/13/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 358–362, 904
HP001-P124-SSC004-0612-01	2312042-25		sandy silt; silty sand; little to some gravel; ceramic debris; possible clinker	6 to 12	12/13/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 358–362, 904
HP001-P125-SSC001-0002-01	2312039-18	HP001-P125	sandy silt; trace to some gravel; ceramic, plaster-like, and glass debris	0 to 2	12/13/2023	20, pp. 16, 36, 46; 22, p. 30; 30, p. 6; 53, pp. 363–367, 905
HP001-P125-SSC001-0206-01	2312039-19		sandy silt; little to some gravel; ceramic, plaster-like, red brick, coal-like, and glass debris	2 to 6	12/13/2023	20, pp. 16, 36, 46; 22, p. 30; 30, p. 6; 53, pp. 363–367, 905
HP001-P125-SSC001-0612-01	2312039-20		sandy silt; silty sand; little to some gravel; trace clay; ceramic, plaster-like, red brick, and glass debris	6 to 12	12/13/2023	20, pp. 16, 36, 46; 22, p. 31; 30, p. 6; 53, pp. 363–367, 905
HP001-P125-SSC001-1218-01	2312039-21		silty sand; gravelly sand; sandy silt; sandy clay; ceramic, plaster-like, red brick, and coal-like debris	12 to 18	12/13/2023	20, pp. 16, 36, 46; 22, p. 31; 30, p. 6; 53, pp. 363–367, 905
HP001-P126-SSC001-0002-01	2401016-06	HP001-P126	sandy silt; clayey silt; trace to little gravel; plaster-like, Styrofoam, and glass debris	0 to 2	12/14/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 4; 53, pp. 371–375, 906
HP001-P126-SSC001-0206-01	2401016-07		sandy silt; little to some gravel; ceramic, plaster-like, brick, coal-like, and glass debris	2 to 6	12/14/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 4; 53, pp. 371–375, 906
HP001-P126-SSC001-0612-01	2401016-08		sandy silt; trace to some gravel; little clay; ceramic, plaster-like, red brick, and glass debris	6 to 12	12/14/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 5; 53, pp. 371–375, 906
HP001-P126-SSC001-0612-02	2401016-09		sandy silt; sandy clay; clayey sand; trace to some gravel; plaster-like and possible seashell debris	12 to 18	12/14/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 5; 53, pp. 371–375, 906
HP001-P126-SSC001-1218-01	2401016-10		clayey sand; sandy clay; gravelly sand; sandy silt; ceramic, plaster-like, glass, coal-like, rusted, and possible seashell debris	18 to 24	12/14/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 5; 53, pp. 371–375, 906
HP001-P126-SSC001-1824-01	2401016-11		sandy silt; silty sand; little to some gravel; ceramic, red brick, coal-like, and glass debris	6 to 12 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 376–378, 907
HP001-P127-SSC001-0612-01	2401015-03	HP001-P127	sandy silt; silty sand; little to some gravel; ceramic, red brick, coal-like, and glass debris	6 to 12 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 376–378, 907

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P127-SSC001-1218-01	2401015-04		silty sand; sandy silt; sandy clay; trace to little gravel	12 to 18 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 376–378, 907
HP001-P127-SSC002-0002-01	2401018-06		sandy silt; trace to little gravel	0 to 2 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 379–381, 907
HP001-P127-SSC002-0206-01	2401018-07		sandy silt; little to some gravel; ceramic, plaster-like, and glass debris	2 to 6 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 379–381, 907
HP001-P127-SSC002-0612-01	2401018-08		sandy silt; some gravel; ceramic, plaster-like, and glass debris	6 to 12 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 379–381, 907
HP001-P127-SSC002-1218-01	2401018-09		sandy silt; sandy clay; clayey sand; little gravel; ceramic and glass debris	12 to 18 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 379–381, 907
HP001-P128-SSC001-0002-01	2401018-16	HP001-P128	sandy silt; clayey silt; trace to some gravel; glass debris	0 to 2	12/14/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 6; 53, pp. 385–389, 908
HP001-P128-SSC001-0206-01	2401018-17		sandy silt; silty sand; little to some gravel; ceramic, red brick, coal-like, and glass debris	2 to 6	12/14/2023	20, pp. 16, 36, 46; 22, p. 55; 31, pp. 5, 6; 53, pp. 385–389, 908
HP001-P128-SSC001-0206-02	2401018-18		sandy silt; silty sand; trace to some gravel; ceramic, plaster-like, coal-like, and glass debris; possible clinker	6 to 12	12/14/2023	20, pp. 16, 36, 46; 22, p. 55; 31, p. 5; 53, pp. 385–389, 908
HP001-P128-SSC001-0612-01	2401018-19		gravelly sand; silty sand; sandy silt; trace to some clay; ceramic, plaster-like, red brick, coal-like, and glass debris	12 to 18	12/14/2023	20, pp. 16, 36, 46; 22, p. 56; 31, p. 6; 53, pp. 385–389, 908
HP001-P128-SSC001-1824-01	2401018-21		gravelly sand; sandy clay; plaster-like, red brick, coal-like, and glass debris	18 to 24	12/14/2023	20, pp. 16, 36, 46; 22, p. 56; 31, p. 6; 53, pp. 385–389, 908
HP001-P129-SSC001-0002-01	2312045-34		HP001-P129	sandy silt; clayey silt; little to some gravel; ceramic debris;	0 to 2	12/16/2023
HP001-P129-SSC001-0206-01	2312045-35	sandy silt; trace to some gravel; plaster-like and coal-like debris		2 to 6	12/16/2023	20, pp. 16, 36, 46; 22, p. 41; 30, p. 11; 53, pp. 390–394, 909
HP001-P129-SSC001-0612-01	2312045-36	sandy silt; silty sand; some gravel; trace clay; ceramic, plaster-like, brick, and coal-like debris		6 to 12	12/16/2023	20, pp. 16, 36, 46; 22, p. 41; 30, p. 11; 53, pp. 390–394, 909
HP001-P129-SSC002-0002-01	2312045-39	sandy silt; clayey silt; trace to some gravel; plaster-like and glass debris		0 to 2	12/16/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 395–399, 909
HP001-P129-SSC002-0206-01	2312045-40	clayey silt; sandy silt; some gravel; ceramic, plaster-like, and glass debris		2 to 6	12/16/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 395–399, 909
HP001-P129-SSC002-0612-01	2312045-41	sandy silt; clayey silt; silty clay; some gravel; ceramic, red brick, and glass debris		6 to 12	12/16/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 395–399, 909
HP001-P129-SSC003-0002-01	2312045-44	sandy silt; trace to some gravel; plaster-like, rubber, and glass debris		0 to 2	12/16/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 400–404, 909

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Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P129-SSC003-0206-01	2312045-45		sandy silt; trace to some gravel; ceramic, plaster-like, and glass debris	2 to 6	12/16/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 400–404, 909
HP001-P129-SSC003-0612-01	2312045-46		sandy silt; clayey silt; some gravel; ceramic, plaster-like, glass, and fabric debris	6 to 12	12/16/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 400–404, 909
HP001-P130-SSC001-0002-01	2401016-12	HP001-P130	sandy silt; trace to little gravel; plaster-like and wood chip debris	0 to 2	12/19/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 5; 53, pp. 405–409, 910
HP001-P130-SSC001-0206-01	2401016-13		sandy silt; silty sand; trace to some gravel; ceramic, plaster-like, and glass debris	2 to 6	12/19/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 5; 53, pp. 405–409, 910
HP001-P130-SSC001-0612-01	2401016-14		sandy silt; silty sand; some clay; trace to some gravel; ceramic, plaster-like, and glass debris	6 to 12	12/19/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 5; 53, pp. 405–409, 910
HP001-P130-SSC001-1824-01	2401016-16		silty clay; clayey sand; silty sand; trace to little gravel; red brick, glass, and rusted debris	18 to 24	12/19/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 5; 53, pp. 405–409, 910
HP001-P130-SSC002-0002-01	2401016-17		sandy silt; clayey silt; trace to little gravel; plaster-like, plastic, and glass debris	0 to 2	12/19/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 5; 53, pp. 410–414, 910
HP001-P130-SSC002-0206-01	2401016-18		sandy silt; clayey silt; trace to some gravel; ceramic, glass, and rusted metal debris	2 to 6	12/19/2023	20, pp. 16, 36, 46; 22, p. 53; 31, p. 5; 53, pp. 410–414, 910
HP001-P131-SSC001-0002-01	2401021-01		HP001-P131	sandy silt; clayey silt; trace to some gravel; possible clinker; plaster-like, red brick, and glass debris	0 to 2	12/20/2023
HP001-P131-SSC001-0206-01	2401021-02	sandy silt; trace to some gravel; little clay; plaster-like, red brick, coal-like, glass, and wood chip debris		2 to 6	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 415–419, 911
HP001-P131-SSC001-0612-01	2401021-03	sandy silt; silty sand; little to some gravel; some clay; ceramic, plaster-like, red brick, wood chip, and foil debris		6 to 12	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 415–419, 911
HP001-P131-SSC001-1218-01	2401021-04	sandy silt; silty sand; clayey sand; sandy clay; trace to some gravel; ceramic, plaster-like, coal-like, and wood chip debris		12 to 18	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 415–419, 911
HP001-P131-SSC001-1824-01	2401021-05	sandy clay; sandy silt; silty sand; trace to some gravel; ceramic, plaster-like, red brick, and coal-like debris		18 to 24	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 415–419, 911
HP001-P132-SSC001-0002-01	2401021-06	HP001-P132	sandy silt; trace to little gravel	0 to 2 **	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 420–422, 912
HP001-P132-SSC001-0206-01	2401021-07		sandy silt; trace to some gravel; plaster-like and rusted metal debris	2 to 6 **	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 420–422, 912
HP001-P132-SSC001-0206-02	2401021-08					
HP001-P132-SSC001-0612-01	2401021-09		sandy silt; little to some gravel; plaster-like debris	6 to 12 **	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 420–422, 912

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Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P132-SSC001-1218-01	2401021-10		sandy silt; trace to some clay; trace to some gravel	12 to 18 **	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 420–422, 912
HP001-P132-SSC002-0206-01	2401021-13		sandy silt; gravelly sand; red brick and glass debris	2 to 6	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 423–427, 912
HP001-P132-SSC002-0206-02	2401021-14					
HP001-P132-SSC002-0612-01	2401021-15		sandy silt; little to some gravel; little clay; ceramic, plaster-like, red brick, glass, and rusted metal debris	6 to 12	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 423–427, 912
HP001-P132-SSC003-0206-01	2401021-19		sandy silt; trace to little gravel; little clay; red brick debris	2 to 6 **	12/20/2023	20, pp. 16, 36, 46; 22, p. 60; 31, p. 8; 53, pp. 428–430, 912
HP001-P132-SSC003-0612-01	2401021-20		sandy silt; clayey silt; clayey sand; trace to little gravel; ceramic debris	6 to 12 **	12/20/2023	20, pp. 16, 36, 46; 22, p. 61; 31, p. 8; 53, pp. 428–430, 912
HP001-P133-SSC001-0206-01	2401021-29	HP001-P133	sandy silt; clayey silt; trace to some gravel; ceramic and glass debris	2 to 6	12/20/2023	20, pp. 16, 36, 46; 22, p. 61; 31, p. 9; 53, pp. 434–438, 913
HP001-P133-SSC001-0206-02	2401021-30					
HP001-P133-SSC001-0612-01	2401021-31		sandy silt; silty sand; clayey silt; trace to some gravel; coal-like, wire, and glass debris	6 to 12	12/20/2023	20, pp. 16, 36, 46; 22, p. 61; 31, p. 9; 53, pp. 434–438, 913
HP001-P133-SSC001-1218-01	2401021-32		sandy silt; silty sand; sandy clay; trace to some gravel; coal-like debris	12 to 18	12/20/2023	20, pp. 16, 36, 46; 22, p. 61; 31, p. 9; 53, pp. 434–438, 913
HP001-P135-SSC001-0002-01	2401019-21	HP001-P135	sandy silt; silty clay; trace gravel	0 to 2	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 458–462, 915
HP001-P135-SSC001-0206-01	2401019-22		sandy silt; silty sand; little to some gravel; little clay; red brick, seashell, glass, and foil debris	2 to 6	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 458–462, 915
HP001-P135-SSC001-0612-01	2401019-23		silty sand; sandy silt; little to some gravel; possible clinker; trace clay; plaster-like, red brick, coal-like, and glass debris	6 to 12	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 458–462, 915
HP001-P135-SSC001-1218-01	2401019-24		clayey silt; silty sand; gravelly sand; red brick and possible ceramic debris	12 to 18	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 458–462, 915
HP001-P135-SSC001-1824-01	2401019-25		sandy clay; silty sand; gravelly sand; red brick and glass debris	18 to 24	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 458–462, 915
HP001-P135-SSC002-0002-01	2401019-26		sandy silt; silty sand; trace to little gravel	0 to 2 **	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 463–465, 915
HP001-P135-SSC002-0206-01	2401019-27		sandy silt; silty sand; little to some gravel; ceramic, red brick, and glass debris	2 to 6 **	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 463–465, 915
HP001-P135-SSC002-0612-01	2401019-28		silty sand; sandy silt; some gravel; ceramic, plaster-like, red brick, and glass debris	6 to 12 **	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 463–465, 915
HP001-P135-SSC002-1218-01	2401019-29		sandy silt; silty sand; gravelly sand; trace clay; plaster-like debris	12 to 18 **	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 463–465, 915

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P135-SSC002-1824-01	2401019-30		sandy silt; silty sand; gravelly sand; trace to some clay; ceramic and plaster-like debris	18 to 24 **	12/21/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 463–465, 915
HP001-P136-SSC001-0206-01	2401021-40	HP001-P136	sandy silt; silty sand; trace to little gravel; glass, wood chip, and plastic debris	2 to 6 **	12/22/2023	20, pp. 16, 36, 46; 22, p. 62; 31, p. 9; 53, pp. 466–468, 916
HP001-P136-SSC001-0612-01	2401021-41		silty sand; sandy silt; little to some gravel; ceramic, red brick, glass, and wood chip debris	6 to 12 **	12/22/2023	20, pp. 16, 36, 46; 22, p. 62; 31, p. 9; 53, pp. 466–468, 916
HP001-P137-SSC001-0002-01	2401021-44	HP001-P137	sandy silt; silty sand; trace to some gravel	0 to 2	12/22/2023	20, pp. 16, 36, 46; 22, p. 63; 31, p. 9; 53, pp. 469–473, 917
HP001-P137-SSC001-0206-01	2401021-45		silty sand; little to some gravel; plaster-like, red brick, and glass debris	2 to 6	12/22/2023	20, pp. 16, 36, 46; 22, p. 63; 31, p. 9; 53, pp. 469–473, 917
HP001-P137-SSC001-0206-02	2401021-46		silty sand; little to some gravel; ceramic, plaster-like, red brick, and coal-like debris	6 to 12	12/22/2023	20, pp. 16, 36, 46; 22, p. 63; 31, p. 9; 53, pp. 469–473, 917
HP001-P137-SSC001-0612-01	2401021-47		silty sand; trace to some gravel; plaster-like and red brick debris	12 to 18	12/22/2023	20, pp. 16, 36, 46; 22, p. 63; 31, p. 9; 53, pp. 469–473, 917
HP001-P137-SSC001-1218-01	2401021-48		silty sand; trace to some gravel; little clay; plaster-like, red brick, and coal-like debris	18 to 24	12/22/2023	20, pp. 16, 36, 46; 22, p. 63; 31, p. 9; 53, pp. 469–473, 917
HP001-P137-SSC001-1824-01	2401021-49		silty sand; sandy silt; trace to little gravel	0 to 2 *	12/22/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 474–477, 917
HP001-P137-SSC002-0002-01	2401019-31		silty sand; sandy silt; gravelly sand; glass debris	2 to 6 *	12/22/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 474–477, 917
HP001-P137-SSC002-0206-01	2401019-32		silty sand; little to some gravel; ceramic, plaster-like, and coal-like debris	6 to 12 *	12/22/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 474–477, 917
HP001-P137-SSC002-0206-02	2401019-33		silty sand; trace to some gravel; coal-like and seashell debris	12 to 18 *	12/22/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 7; 53, pp. 474–477, 917
HP001-P137-SSC002-0612-01	2401019-34		sandy silt; trace to some gravel; trace to some clay; plaster-like and seashell debris	0 to 2	1/2/2024	20, pp. 16, 36, 46; 22, p. 62; 31, p. 9; 53, pp. 491–495, 918
HP001-P137-SSC002-1218-01	2401019-35		sandy silt; some gravel; little to some clay; plaster-like, red brick, seashell, and glass debris	2 to 6	1/2/2024	20, pp. 16, 36, 46; 22, p. 62; 31, p. 10; 53, pp. 491–495, 918
HP001-P139-SSC001-0002-01	2401021-50		HP001-P139	sandy silt; little to some gravel; trace to little clay	0 to 2 **	1/2/2024
HP001-P139-SSC001-0206-01	2401021-51	sandy silt; little gravel; little clay; plaster-like and glass debris; possible clinker		2 to 6 **	1/2/2024	20, pp. 16, 36, 46; 22, p. 62; 31, p. 10; 53, pp. 496–498, 918
HP001-P139-SSC002-0002-01	2401021-55	silty sand; sandy silt; sandy clay; some gravel; ceramic and red brick debris		6 to 12 **	1/2/2024	20, pp. 16, 36, 46; 22, p. 62; 31, p. 10; 53, pp. 496–498, 918
HP001-P139-SSC002-0206-01	2401021-56					
HP001-P139-SSC002-0612-01	2401021-57					

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP001-P139-SSC003-0002-01	2401021-60		sandy silt; little to some gravel; plaster-like and glass debris	0 to 2	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 499–503, 918
HP001-P139-SSC003-0206-01	2401021-61		sandy silt; some gravel; trace to little clay; plaster-like, red brick, and metal debris	2 to 6	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 499–503, 918
HP001-P139-SSC003-0612-01	2401021-62		sandy silt; some gravel; trace to little clay; ceramic, plaster-like, red brick, tile-like, and glass debris	6 to 12	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 499–503, 918
HP001-P140-SSC001-0002-01	2401021-65	HP001-P140	sandy silt; trace to some gravel; trace to little clay; glass debris	0 to 2	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 504–508, 919
HP001-P140-SSC001-0206-01	2401021-66		sandy silt; little to some gravel; trace to some clay; ceramic, plastic, and glass debris	2 to 6	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 504–508, 919
HP001-P140-SSC001-0612-01	2401021-67		sandy silt; silty sand; sandy clay; some gravel; ceramic, red brick, plaster-like and rusted metal debris	6 to 12	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 504–508, 919
HP001-P140-SSC002-0002-01	2401021-70		sandy silt; trace to little gravel; little clay; wood chip debris	0 to 2 **	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 509–511, 919
HP001-P140-SSC002-0206-01	2401021-71		sandy silt; little to some gravel; little clay; red brick and tile debris	2 to 6 **	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 509–511, 919
HP001-P140-SSC002-0612-01	2401021-72		sandy silt; little to some gravel; little clay; red brick debris	6 to 12 **	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 509–511, 919
HP001-P140-SSC002-1218-01	2401021-73		sandy silt; sandy clay; little to some gravel; ceramic debris	12 to 18 **	1/2/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 509–511, 919
HP002-P006-SSC001-0002-01	2312037-33		HP002-P006	sandy silt; clayey silt; trace to some gravel; ceramic and red brick debris	0 to 2	12/4/2023
HP002-P006-SSC001-0206-01	2312037-34	sandy silt; little to some gravel; ceramic, plaster-like, red brick, and glass debris		2 to 6	12/4/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 5; 53, pp. 526–530, 920
HP002-P006-SSC001-0612-01	2312037-35	sandy silt; gravelly sand; trace to little clay; ceramic, plaster-like, red brick, coal-like, glass, and rusted metal debris		6 to 12	12/4/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 5; 53, pp. 526–530, 920
HP002-P006-SSC001-1218-01	2312037-36	gravelly sand; sandy silt; trace clay; ceramic, plaster-like, red brick, coal-like, and glass debris		12 to 18	12/4/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 5; 53, pp. 526–530, 920
HP002-P006-SSC001-1824-01	2312037-37	gravelly silty sand; sandy clay; ceramic, red brick, coal-like, and glass debris; possible clinker		18 to 24	12/4/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 5; 53, pp. 526–530, 920
HP002-P007-SSC001-0002-01	2312032-28	HP002-P007	sandy silt; trace to little gravel; ceramic debris	0 to 2	12/5/2023	20, pp. 16, 36, 46; 22, p. 25; 29, p. 14; 53, pp. 531–535, 921
HP002-P007-SSC001-0206-01	2312032-29		sandy silt; little to some gravel; ceramic, red brick, coal-like, and glass debris	2 to 6	12/5/2023	20, pp. 16, 36, 46; 22, p. 25; 29, p. 14; 53, pp. 531–535, 921

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P007-SSC001-0612-01	2312032-30		sandy silt; little to some gravel; trace to some clay; red brick and glass debris	6 to 12	12/5/2023	20, pp. 16, 36, 46; 22, p. 25; 29, p. 14; 53, pp. 531–535, 921
HP002-P007-SSC001-1218-01	2312032-31		sandy silt; some clay; trace to little gravel	12 to 18	12/5/2023	20, pp. 16, 36, 46; 22, p. 25; 29, p. 14; 53, pp. 531–535, 921
HP002-P008-SSC001-0002-01	2312037-38		sandy silt; trace to some gravel; ceramic, plaster-like, red brick, and glass debris	0 to 2 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 28; 30, p. 5; 53, pp. 536–539, 922
HP002-P008-SSC001-0206-01	2312037-39		sandy silt; little to some gravel; ceramic, plaster-like, red brick, and glass debris	2 to 6 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 29; 30, p. 5; 53, pp. 536–539, 922
HP002-P008-SSC001-0612-01	2312037-40		sandy silt; trace to some gravel; ceramic, plaster-like, coal-like, and glass debris	6 to 12 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 29; 30, p. 5; 53, pp. 536–539, 922
HP002-P008-SSC001-0612-02	2312037-41		sandy silt; silty sand; trace to little gravel; red brick and fabric debris	12 to 18 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 29; 30, p. 5; 53, pp. 536–539, 922
HP002-P008-SSC001-1218-01	2312037-42		silty sand; sandy silt; trace to little gravel; ceramic, red brick, glass, and fabric debris	18 to 24 *	12/7/2023	20, pp. 16, 36, 46; 22, p. 29; 30, p. 5; 53, pp. 536–539, 922
HP002-P008-SSC001-1824-01	2312037-43	HP002-P008	sandy silt; trace to some gravel; little clay; ceramic and fabric debris	2 to 6 **	12/7/2023	20, pp. 16, 36, 46; 22, p. 29; 30, p. 5; 53, pp. 540–542, 922
HP002-P008-SSC002-0206-01	2312037-45		sandy silt; silty sand; some gravel; red brick and coal-like debris	6 to 12 **	12/7/2023	20, pp. 16, 36, 46; 22, p. 29; 30, p. 5; 53, pp. 540–542, 922
HP002-P008-SSC002-0612-01	2312037-46		silty sand; trace to some gravel; ceramic and coal-like debris	12 to 18 **	12/7/2023	20, pp. 16, 36, 46; 22, p. 29; 30, p. 5; 53, pp. 540–542, 922
HP002-P008-SSC002-1218-01	2312037-47		silty sand; trace to little gravel	18 to 24 **	12/7/2023	20, pp. 16, 36, 46; 22, p. 29; 30, p. 5; 53, pp. 540–542, 922
HP002-P008-SSC002-1824-01	2312037-48		sandy silt; trace to some gravel; ceramic debris	0 to 2	12/8/2023	20, pp. 16, 36, 46; 22, p. 35; 30, p. 8; 53, pp. 543–547, 923
HP002-P009-SSC001-0002-01	2312043-17		sandy silt; trace to some gravel; ceramic, plaster-like, and coal-like debris	2 to 6	12/8/2023	20, pp. 16, 36, 46; 22, p. 35; 30, p. 8; 53, pp. 543–547, 923
HP002-P009-SSC001-0206-01	2312043-18		sandy silt; silty sand; little to some gravel; ceramic debris; possible clinker	6 to 12	12/8/2023	20, pp. 16, 36, 46; 22, p. 35; 30, p. 8; 53, pp. 543–547, 923
HP002-P009-SSC001-0612-01	2312043-19	HP002-P009	silty sand; sandy silt; trace to some gravel; coal-like debris	12 to 18	12/8/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 8; 53, pp. 543–547, 923
HP002-P009-SSC001-1218-01	2312043-20		silty sand; gravelly sand; plaster-like, coal-like, and glass debris	18 to 24	12/8/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 8; 53, pp. 543–547, 923
HP002-P009-SSC001-1824-01	2312043-21		sandy silt; trace to some gravel; ceramic, red brick, seashell, and glass debris	2 to 6	12/8/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 8; 53, pp. 551–555, 924
HP002-P010-SSC001-0206-01	2312043-23		sandy silt; trace to some gravel; red brick, seashell, and glass debris	6 to 12	12/8/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 8; 53, pp. 551–555, 924
HP002-P010-SSC001-0612-01	2312043-24	HP002-P010				

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P010-SSC001-1218-01	2312043-25		silty sand; sandy silt; trace to some gravel; trace clay	12 to 18	12/8/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 9; 53, pp. 551–555, 924
HP002-P011-SSC001-0206-01	2312045-50	HP002-P011	clayey silt; silty clay; sandy silt; trace to some gravel; ceramic, plaster-like, red brick, and glass debris	2 to 6	12/11/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 556–560, 925
HP002-P011-SSC001-0612-01	2312045-51		clayey silt; sandy silt; sandy clay; little to some gravel; red brick and plastic debris	6 to 12	12/11/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 556–560, 925
HP002-P011-SSC001-1218-01	2312045-52		silty clay; sandy clay; silty sand; some gravel	12 to 18	12/11/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 556–560, 925
HP002-P012-SSC001-0002-01	2312045-54	HP002-P012	sandy silt; little to some gravel; trace clay; coal-like and glass debris	0 to 2	12/12/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 561–565, 926
HP002-P012-SSC001-0206-01	2312045-55		sandy silt; trace to some gravel; plaster-like and glass debris	2 to 6	12/12/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 561–565, 926
HP002-P012-SSC001-0612-01	2312045-56		sandy silt; clayey sand; little to some gravel; little clay; plaster-like and glass debris	6 to 12	12/12/2023	20, pp. 16, 36, 46; 22, p. 42; 30, p. 11; 53, pp. 561–565, 926
HP002-P013-SSC001-0002-01	2312045-59	HP002-P013	sandy silt; trace to some gravel; trace clay	0 to 2	12/12/2023	20, pp. 16, 36, 46; 22, p. 43; 30, p. 11; 53, pp. 566–570, 927
HP002-P013-SSC001-0206-01	2312045-60		sandy silt; little to some gravel; trace clay; ceramic, plaster-like, red brick, and glass debris	2 to 6	12/12/2023	20, pp. 16, 36, 46; 22, p. 43; 30, p. 11; 53, pp. 566–570, 927
HP002-P013-SSC001-0612-01	2312045-61		sandy silt; silty sand; clayey silt; some gravel; plaster-like, red brick, coal-like, glass, and fabric debris	6 to 12	12/12/2023	20, pp. 16, 36, 46; 22, p. 43; 30, p. 12; 53, pp. 566–570, 927
HP002-P013-SSC001-1218-01	2312045-62		gravelly sand; silty sand; sandy silt; clayey silt; silty clay; ceramic, coal-like, and fabric debris	12 to 18	12/12/2023	20, pp. 16, 36, 46; 22, p. 43; 30, p. 12; 53, pp. 566–570, 927
HP002-P013-SSC001-1824-01	2312045-63		gravelly sand; silty sand; sandy silt; silty clay; clayey sand; red brick, coal-like, glass, and fabric debris	18 to 24	12/12/2023	20, pp. 16, 36, 46; 22, p. 43; 30, p. 12; 53, pp. 566–570, 927
HP002-P014-SSC001-0002-01	2312039-23		HP002-P014	sandy silt; clayey silt; trace to little gravel; ceramic, glass, and metal debris	0 to 2	12/13/2023
HP002-P014-SSC001-0206-01	2312039-24	sandy silt; little to some gravel; little clay; red brick debris		2 to 6	12/13/2023	20, pp. 16, 36, 46; 22, p. 31; 30, p. 6; 53, pp. 571–575, 928
HP002-P014-SSC001-0612-01	2312039-25	sandy silt; silty sand; clayey silt; little to some gravel; ceramic, plaster-like, and glass debris		6 to 12	12/13/2023	20, pp. 16, 36, 46; 22, p. 31; 30, p. 6; 53, pp. 571–575, 928
HP002-P014-SSC001-1218-01	2312039-26	sandy silt; sandy clay; silty clay; little to some gravel; plaster-like, coal-like, and glass debris		12 to 18	12/13/2023	20, pp. 16, 36, 46; 22, p. 31; 30, p. 6; 53, pp. 571–575, 928

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P014-SSC001-1824-01	2312039-27		gravelly sand; sandy clay; silty clay; plaster-like, coal-like, and glass debris	18 to 24	12/13/2023	20, pp. 16, 36, 46; 22, p. 31; 30, p. 6; 53, pp. 571–575, 928
HP002-P015-SSC001-0206-01	2401016-23	HP002-P015	sandy silt; silty sand; clayey silt; little to some gravel; ceramic, plaster-like, and red brick debris	2 to 6	12/14/2023	20, pp. 16, 36, 46; 22, p. 54; 31, p. 5; 53, pp. 576–580, 929
HP002-P015-SSC001-0612-01	2401016-24		sandy silt; silty sand; gravelly sand; ceramic, plaster-like, red brick, and glass debris	6 to 12	12/14/2023	20, pp. 16, 36, 46; 22, p. 54; 31, p. 5; 53, pp. 576–580, 929
HP002-P015-SSC001-1218-01	2401016-25		sandy silt; silty sand; clayey silt; gravelly sand; ceramic, coal-like, plaster-like, red brick, and glass debris	12 to 18	12/14/2023	20, pp. 16, 36, 46; 22, p. 54; 31, p. 5; 53, pp. 576–580, 929
HP002-P015-SSC001-1824-01	2401016-26		gravelly sand; silty sand; sandy silt; trace clay; plaster-like, coal-like, and glass debris	18 to 24	12/14/2023	20, pp. 16, 36, 46; 22, p. 54; 31, p. 5; 53, pp. 576–580, 929
HP002-P015-SSC002-0002-01	2401015-06		clayey silt; silty sand; little gravel; ceramic debris	0 to 2 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 581–583, 929
HP002-P015-SSC002-0206-01	2401015-07		silty sand; sandy silt; clayey silt; some gravel; red brick, coal-like, and glass debris	2 to 6 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 581–583, 929
HP002-P015-SSC002-0612-01	2401015-08		silty sand; sandy silt; gravelly sand; red brick and plaster-like debris	6 to 12 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 581–583, 929
HP002-P015-SSC002-1218-01	2401015-09		sandy silt; silty sand; gravelly sand; ceramic, plaster-like, red brick, coal-like, and glass debris	12 to 18 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 581–583, 929
HP002-P015-SSC002-1824-01	2401015-10		gravelly sand; silty sand; clayey silt; red brick and coal-like debris; possible clinker	18 to 24 **	12/14/2023	20, pp. 16, 36, 46; 22, p. 51; 31, p. 4; 53, pp. 581–583, 929
HP002-P015-SSC003-0612-01	2402012-20		silty sand; some gravel; ceramic and red brick debris; sandstone fragments	6 to 12 **	1/25/2024	20, pp. 16, 36, 46; 22, p. 72; 31, p. 13; 53, pp. 584–586, 929
HP002-P015-SSC003-1218-01	2402012-21		silty sand; some gravel; ceramic, plaster-like, and red brick debris	12 to 18 **	1/25/2024	20, pp. 16, 36, 46; 22, p. 72; 31, p. 13; 53, pp. 584–586, 929
HP002-P015-SSC003-1824-01	2402012-22		silty sand; some gravel; plaster-like and plastic debris	18 to 24 **	1/25/2024	20, pp. 16, 36, 46; 22, p. 72; 31, p. 13; 53, pp. 584–586, 929
HP002-P016-SSC001-0002-01	2312043-27		HP002-P016	sandy silt; some gravel	0 to 2	12/16/2023
HP002-P016-SSC001-0206-01	2312043-28	sandy silt; trace to some gravel; ceramic debris		2 to 6	12/16/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 9; 53, pp. 587–591, 930
HP002-P016-SSC001-0612-01	2312043-29	sandy silt; trace to some gravel; glass debris		6 to 12	12/16/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 9; 53, pp. 587–591, 930
HP002-P016-SSC001-1218-01	2312043-30	silty sand; sandy silt; trace to some gravel; glass debris		12 to 18	12/16/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 9; 53, pp. 587–591, 930
HP002-P016-SSC001-1824-01	2312043-31	silty sand; trace to some gravel; trace clay; brick debris		18 to 24	12/16/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 9; 53, pp. 587–591, 930

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P017-SSC001-0002-01	2401018-27	HP002-P017	sandy silt; clayey silt; trace to little gravel; food debris	0 to 2	12/19/2023	20, pp. 16, 36, 46; 22, p. 56; 31, p. 6; 53, pp. 592–596, 931
HP002-P017-SSC001-0206-01	2401018-28		sandy silt; trace to some gravel; trace to little clay; plaster-like, red brick, glass, and plastic debris	2 to 6	12/19/2023	20, pp. 16, 36, 46; 22, p. 56; 31, p. 6; 53, pp. 592–596, 931
HP002-P017-SSC001-0206-02	2401018-29		sandy silt; clayey silt; silty clay; trace to some gravel; ceramic, plaster-like, glass, bone-like, and plastic debris	6 to 12	12/19/2023	20, pp. 16, 36, 46; 22, p. 56; 31, p. 6; 53, pp. 592–596, 931
HP002-P017-SSC001-0612-01	2401018-30		sandy silt; silty sand; trace to little gravel	0 to 2	12/22/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 8; 53, pp. 597–601, 932
HP002-P018-SSC001-0002-01	2401019-37	HP002-P018	sandy silt; silty sand; little to some gravel; plaster-like and red brick debris	2 to 6	12/22/2023	20, pp. 16, 36, 46; 22, p. 58; 31, p. 8; 53, pp. 597–601, 932
HP002-P018-SSC001-0206-01	2401019-38		sandy silt; silty sand; clayey sand; some gravel; ceramic, plaster-like, coal-like, and rusted metal debris	6 to 12	12/22/2023	20, pp. 16, 36, 46; 22, p. 59; 31, p. 8; 53, pp. 597–601, 932
HP002-P018-SSC001-0612-01	2401019-39		sandy clay; clayey sand; silty sand; little to some gravel; plaster-like, coal-like, and rusted debris	12 to 18	12/22/2023	20, pp. 16, 36, 46; 22, p. 59; 31, p. 8; 53, pp. 597–601, 932
HP002-P018-SSC001-0612-02	2401019-40		sandy clay; clayey sand; silty sand; little to some gravel; plaster-like and coal-like debris	18 to 24	12/22/2023	20, pp. 16, 36, 46; 22, p. 59; 31, p. 8; 53, pp. 597–601, 932
HP002-P018-SSC001-1218-01	2401019-41		silty sand; sandy silt; little to some gravel; trace clay; ceramic, plaster-like, red brick, and glass debris	0 to 2	1/3/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 686–690, 933
HP002-P018-SSC001-1824-01	2401019-42		silty sand; sandy silt; little to some gravel; trace clay; plaster-like, coal-like, and red brick debris	2 to 6	1/3/2024	20, pp. 16, 36, 46; 22, p. 63; 31, p. 10; 53, pp. 686–690, 933
HP002-P020-SSC001-0002-01	2401021-75	HP002-P020	sandy silt; silty sand; some gravel; trace to little clay	6 to 12	1/3/2024	20, pp. 16, 36, 46; 22, p. 64; 31, p. 10; 53, pp. 686–690, 933
HP002-P020-SSC001-0206-01	2401021-76		silty sand; sandy silt; sandy clay; little to some gravel; coal-like debris	12 to 18	1/3/2024	20, pp. 16, 36, 46; 22, p. 64; 31, p. 10; 53, pp. 686–690, 933
HP002-P020-SSC001-0612-01	2401021-77		silty sand; sandy silt; little to some gravel; trace to some clay	18 to 24	1/3/2024	20, pp. 16, 36, 46; 22, p. 64; 31, p. 11; 53, pp. 686–690, 933
HP002-P020-SSC001-1218-01	2401021-78		silty sand; sandy silt; trace to some gravel; some clay; ceramic, coal-like, and red brick debris	6 to 12	11/7/2023	20, pp. 16, 36, 46; 29, p. 5; 53, pp. 764–768, 935; 55, pp. 1, 2
HP002-P020-SSC001-1824-01	2401021-79		silty sand; sandy silt; trace to some gravel; trace to some clay; coal-like and glass debris	12 to 18	11/7/2023	20, pp. 16, 36, 46; 29, p. 5; 53, pp. 764–768, 935; 55, pp. 1, 2
HP002-P062-SSC001-0612-01	2310011-03	HP002-P062	sand; sandy silt; sandy clay; trace to some gravel; coal-like and glass debris	18 to 24	11/7/2023	20, pp. 16, 36, 46; 29, p. 5; 53, pp. 764–768, 935; 55, pp. 1, 2
HP002-P062-SSC001-0612-02	2310011-04		silty sand; sandy silt; trace to some gravel; trace to some clay; coal-like and glass debris	12 to 18	11/7/2023	20, pp. 16, 36, 46; 29, p. 5; 53, pp. 764–768, 935; 55, pp. 1, 2
HP002-P062-SSC001-1218-01	2310011-05		silty sand; sandy silt; trace to some gravel; trace to some clay; coal-like and glass debris	12 to 18	11/7/2023	20, pp. 16, 36, 46; 29, p. 5; 53, pp. 764–768, 935; 55, pp. 1, 2
HP002-P062-SSC001-1824-01	2310011-06		sand; sandy silt; sandy clay; trace to some gravel; coal-like and glass debris	18 to 24	11/7/2023	20, pp. 16, 36, 46; 29, p. 5; 53, pp. 764–768, 935; 55, pp. 1, 2

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P067-SSC001-0002-01	2310011-33	HP002-P067	sandy silt; gravelly silt; ceramic and red brick debris	0 to 2 *	11/10/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 769–772, 936; 55, pp. 1, 3
HP002-P067-SSC001-0206-01	2310011-34		sandy silt; clayey silt; some gravel; ceramic and coal-like debris	2 to 6 *	11/10/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 769–772, 936; 55, pp. 1, 4
HP002-P067-SSC001-0612-01	2310011-35		sandy silt; clayey silt; little to some gravel; ceramic and coal-like debris; possible clinker	6 to 12 *	11/10/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 769–772, 936; 55, pp. 1, 4
HP002-P067-SSC001-1218-01	2310011-36		sandy silt; clayey silt; silty clay; little to some gravel; ceramic, plaster-like and coal-like debris; possible clinker	12 to 18 *	11/10/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 769–772, 936; 55, pp. 1, 4
HP002-P067-SSC001-1824-01	2310011-37		sandy silt; silty clay; gravelly sand; red brick and coal-like debris	18 to 24 *	11/10/2023	20, pp. 16, 36, 46; 29, p. 6; 53, pp. 769–772, 936; 55, pp. 1, 4
HP002-P074-SSC001-0002-01	2311049-39	HP002-P074	sandy silt; trace to little gravel; trace to little clay; ceramic and coal-like debris	0 to 2	11/15/2023	20, pp. 16, 36, 46; 29, p. 7; 53, pp. 773–777, 937; 55, pp. 1, 7
HP002-P074-SSC001-0206-01	2311049-40		sandy silt; little to some gravel; trace clay; plaster-like, red brick, coal-like, and glass debris	2 to 6	11/15/2023	20, pp. 16, 36, 46; 29, p. 8; 53, pp. 773–777, 937; 55, pp. 1, 7
HP002-P074-SSC001-0206-02	2311049-41					
HP002-P075-SSC001-0002-01	2311049-45	HP002-P075	sandy silt; some gravel; ceramic, plaster-like, red brick, and glass debris	0 to 2 *	11/15/2023	20, pp. 16, 36, 46; 29, p. 8; 53, pp. 778–781, 938; 55, pp. 1, 7
HP002-P075-SSC001-0206-01	2311049-46		sandy silt; little to some gravel; ceramic, plaster-like, red brick, coal-like, and glass debris	2 to 6 *	11/15/2023	20, pp. 16, 36, 46; 29, p. 8; 53, pp. 778–781, 938; 55, p. 1, 7
HP002-P075-SSC001-0612-01	2311049-47		sandy silt; some gravel; ceramic, plaster-like, red brick, coal-like, and glass debris	6 to 12 *	11/15/2023	20, pp. 16, 36, 46; 29, p. 8; 53, pp. 778–781, 938; 55, pp. 1, 7
HP002-P075-SSC001-1218-01	2311049-48		sandy silt; little to some gravel; little clay; plaster-like and coal-like debris	12 to 18 *	11/15/2023	20, pp. 16, 36, 46; 29, p. 8; 53, pp. 778–781, 938; 55, pp. 1, 7
HP002-P075-SSC001-1824-01	2311049-49		sandy silt; some gravel; ceramic, plaster-like, glass, and coal-like debris	18 to 24 *	11/15/2023	20, pp. 16, 36, 46; 29, p. 8; 53, pp. 778–781, 938; 55, pp. 1, 7
HP002-P077-SSC001-0002-01	2311049-55	HP002-P077	sandy silt; clayey silt; trace to little gravel; ceramic and construction debris	0 to 2	11/16/2023	20, pp. 16, 36, 46; 29, p. 8; 53, pp. 782–786, 939; 55, pp. 1, 7
HP002-P077-SSC001-0206-01	2311049-56		sandy silt; little to some gravel; trace to little clay; plaster-like, red brick, and seashell debris	2 to 6	11/16/2023	20, pp. 16, 36, 46; 29, p. 8; 53, pp. 782–786, 939; 55, pp. 1, 7
HP002-P082-SSC001-0002-01	2312016-44	HP002-P082	sandy silt; trace to some gravel; little clay; ceramic, glass, and plaster-like debris	0 to 2	11/20/2023	20, pp. 16, 36, 46; 22, p. 19; 29, p. 11; 53, pp. 787–791, 940
HP002-P082-SSC001-0206-01	2312016-45		sandy silt; trace to some gravel; little clay; ceramic debris	2 to 6	11/20/2023	20, pp. 16, 36, 46; 22, p. 19; 29, p. 11; 53, pp. 787–791, 940
HP002-P082-SSC001-0612-01	2312016-46		sandy silt; little clay; clayey silt; little sand; trace to some gravel	6 to 12	11/20/2023	20, pp. 16, 36, 46; 22, p. 19; 29, p. 11; 53, pp. 787–791, 940

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Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P082-SSC001-1218-01	2312016-47		sandy silt; silty clay; little sand; trace to some gravel; ceramic, glass, plaster-like, and coal-like debris; possible clinker	12 to 18	11/20/2023	20, pp. 16, 36, 46; 22, p. 19; 29, p. 11; 53, pp. 787–791, 940
HP002-P084-SSC002-0002-01	2312016-54	HP002-P084	sandy silt with gravel cover	0 to 2 **	11/20/2023	20, pp. 16, 36, 46; 22, p. 19; 29, p. 11; 53, pp. 795–797, 941
HP002-P084-SSC002-0206-01	2312016-55		sandy silt; little to some gravel; some clay; ceramic, plaster-like, red brick, and glass debris	2 to 6 **	11/20/2023	20, pp. 16, 36, 46; 22, p. 19; 29, p. 11; 53, pp. 795–797, 941
HP002-P093-SSC001-0002-01	2312024-44	HP002-P093	sandy silt; trace to little gravel; trace clay; plaster-like, red brick, coal-like, and glass debris	0 to 2	11/27/2023	20, pp. 16, 36, 46; 22, p. 23; 29, p. 13; 53, pp. 802–806, 943
HP002-P093-SSC001-0206-01	2312024-45		sandy silt; silty sand; little to some gravel; trace clay; ceramic, plaster-like, red brick, coal-like, and glass debris	2 to 6	11/27/2023	20, pp. 16, 36, 46; 22, p. 23; 29, p. 13; 53, pp. 802–806, 943
HP002-P093-SSC001-0612-01	2312024-46		silty sand; some gravel; trace clay; plaster-like, red brick, and glass debris	6 to 12	11/27/2023	20, pp. 16, 36, 46; 22, p. 23; 29, p. 13; 53, pp. 802–806, 943
HP002-P094-SSC001-0206-01	2312024-50	HP002-P094	silty sand; sandy silt; silty clay; trace to some gravel; plaster-like, red brick, and coal-like debris	2 to 6	11/27/2023	20, pp. 16, 36, 46; 22, p. 23; 29, p. 13; 53, pp. 810–814, 944
HP002-P094-SSC001-0612-01	2312024-51		silty sand; sandy silt; gravelly sand; sandy clay; ceramic, red brick, glass, and battery debris	6 to 12	11/27/2023	20, pp. 16, 36, 46; 22, p. 23; 29, p. 13; 53, pp. 810–814, 944
HP002-P094-SSC001-1218-01	2312024-52		silty sand; trace to some gravel; ceramic, red brick, and glass debris	12 to 18	11/27/2023	20, pp. 16, 36, 46; 22, p. 23; 29, p. 13; 53, pp. 810–814, 944
HP002-P094-SSC001-1824-01	2312024-53		silty sand; gravelly sand; little to some clay; ceramic, red brick, coal-like, and glass debris; possible clinker	18 to 24	11/27/2023	20, pp. 16, 36, 46; 22, p. 23; 29, p. 13; 53, pp. 810–814, 944
HP002-P095-SSC001-0206-01	2312043-33	HP002-P095	sandy silt; silty sand; clayey silt; little to some gravel; plaster-like, red brick, coal-like, and glass debris	2 to 6	11/28/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 9; 53, pp. 815–819, 945
HP002-P095-SSC001-0206-02	2312043-34		sandy silt; clayey silt; silty clay; gravel; ceramic, red brick, coal-like, and glass debris	6 to 12	11/28/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 9; 53, pp. 815–819, 945
HP002-P095-SSC001-0612-01	2312043-35		clayey silt; silty clay; sandy silt; trace to some gravel; ceramic and glass debris	12 to 18	11/28/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 9; 53, pp. 815–819, 945
HP002-P095-SSC001-1218-01	2312043-36					
HP002-P096-SSC001-0002-01	2312043-38	HP002-P096	sandy silt; clayey silt; trace to some gravel	0 to 2	11/28/2023	20, pp. 16, 36, 46; 22, p. 36; 30, p. 9; 53, pp. 820–824, 946
HP002-P096-SSC001-0206-01	2312043-39		sandy silt; trace to some gravel; trace to some clay; glass debris	2 to 6	11/28/2023	20, pp. 16, 36, 46; 22, p. 37; 30, p. 9; 53, pp. 820–824, 946
HP002-P096-SSC001-0206-02	2312043-40					
HP002-P096-SSC001-0612-01	2312043-41		sandy silt; silty sand; trace to some gravel; glass debris	6 to 12	11/28/2023	20, pp. 16, 36, 46; 22, p. 37; 30, p. 9; 53, pp. 820–824, 946

TABLE 3. CONTAMINATED SOIL SAMPLE DESCRIPTIONS

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P096-SSC001-1218-01	2312043-42		silty sand; sandy silt; trace to some gravel; trace to little clay	12 to 18	11/28/2023	20, pp. 16, 36, 46; 22, p. 37; 30, p. 9; 53, pp. 820–824, 946
HP002-P096-SSC001-1824-01	2312043-43		silty sand; sandy silt; little to some gravel; trace to some clay	18 to 24	11/28/2023	20, pp. 16, 36, 46; 22, p. 37; 30, p. 9; 53, pp. 820–824, 946
HP002-P098-SSC001-0002-01	2312043-44	HP002-P098	sandy silt; little gravel; plaster-like and red brick debris	0 to 2 *	11/28/2023	20, pp. 16, 36, 46; 22, p. 37; 30, p. 9; 53, pp. 825–828, 947
HP002-P098-SSC001-0206-01	2312043-45		sandy silt; trace to little gravel; red brick debris	2 to 6 *	11/28/2023	20, pp. 16, 36, 46; 22, p. 37; 30, p. 9; 53, pp. 825–828, 947
HP002-P098-SSC001-0612-01	2312043-46		sandy silt; some silty clay; little to some gravel; ceramic, plaster-like, red brick, glass, and fabric debris	6 to 12 *	11/28/2023	20, pp. 16, 36, 46; 22, p. 37; 30, p. 9; 53, pp. 825–828, 947
HP002-P098-SSC001-1218-01	2312043-47		sandy silt; silty sand; silty clay; trace to some gravel; ceramic, plaster-like, red brick, and coal-like debris	12 to 18 *	11/28/2023	20, pp. 16, 36, 46; 22, p. 37; 30, p. 9; 53, pp. 825–828, 947
HP002-P100-SSC001-0002-01	2312045-64	HP002-P100	sandy silt; trace to some gravel; little clay; red brick and glass debris	0 to 2 *	11/29/2023	20, pp. 16, 36, 46; 22, p. 43; 30, p. 12; 53, pp. 829–832, 948
HP002-P100-SSC001-0206-01	2312045-65		sandy silt; little gravel; red brick debris	2 to 6 *	11/29/2023	20, pp. 16, 36, 46; 22, p. 43; 30, p. 12; 53, pp. 829–832, 948
HP002-P100-SSC001-0206-02	2312045-66					
HP002-P100-SSC001-1824-01	2312045-69		gravelly sand; silty sand; sandy silt; silty clay; plaster-like debris	18 to 24 *	11/29/2023	20, pp. 16, 36, 46; 22, p. 43; 30, p. 12; 53, pp. 829–832, 948
HP002-P101-SSC001-0002-01	2312042-28	HP002-P101	sandy silt; clayey silt; trace to some gravel; ceramic debris	0 to 2	11/29/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 833–837, 949
HP002-P101-SSC001-0206-01	2312042-29		sandy silt; little to some gravel; ceramic, plaster-like, and glass debris	2 to 6	11/29/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 833–837, 949
HP002-P101-SSC001-0612-01	2312042-30		sandy silt; gravelly sand; trace clay; ceramic, coal-like, and glass debris	6 to 12	11/29/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 833–837, 949
HP002-P101-SSC001-1218-01	2312042-31		sandy silt; some gravel; trace to some clay; ceramic and coal-like debris	12 to 18	11/29/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 833–837, 949
HP002-P101-SSC001-1824-01	2312042-32		sandy silt; clayey silt; little to some gravel; ceramic and coal-like debris	18 to 24	11/29/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 833–837, 949
HP002-P105-SSC001-0206-01	2312042-34	HP002-P105	clayey sand; clayey silt; sandy silt; some gravel; plaster-like, red brick, coal-like, and glass debris	2 to 6	11/30/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 838–842, 950
HP002-P105-SSC001-0612-01	2312042-35		clayey sand; sandy silt; some gravel; possible ceramic, red brick, and glass debris	6 to 12	11/30/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 7; 53, pp. 838–842, 950
HP002-P105-SSC001-1218-01	2312042-36		clayey sand; sandy silt; some gravel; glass debris	12 to 18	11/30/2023	20, pp. 16, 36, 46; 22, p. 33; 30, p. 8; 53, pp. 838–842, 950

Field Sample ID	Laboratory Sample ID	EPA Property ID	Physical Description	Depth (inches bgs)	Date Sampled	References
HP002-P105-SSC001-1824-01	2312042-37		sandy silt; clayey sand; silty sand; some gravel; plaster-like, coal-like, and glass debris; possible clinker	18 to 24	11/30/2023	20, pp. 16, 36, 46; 22, p. 34; 30, p. 8; 53, pp. 838–842, 950

Observed Contamination Concentrations

The observed contamination soil sample results within AOC A are summarized in **Table 4** of this HRS documentation record. The observed contamination samples meet the criteria for observed contamination and equal or exceed three times the background level [Ref. 1, Sections 2.3 and 5.1.0]. **Section 5.1.0** of this HRS documentation record describes the sample collection, processing, and analytical methods, and defines RL. The comparison criteria for observed contamination are established as follows based on the background lead levels in soil:

- The highest background soil sample lead concentration was 126 mg/kg (laboratory sample ID: 2308018-03) [see **Table 2** of this HRS documentation record]; therefore, the minimum value to establish observed contamination for lead is $3 \times 126 = 378$ mg/kg.

EPA Property ID	Ceramic debris found on property (Yes/No)?	Laboratory Sample ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
HP002-P019	Yes [Ref. 53, pp. 653, 668, 676]	2312044-01	Lead	409	0.812	28, p. 9
		2312044-02	Lead	378	0.808	28, p. 10
		2401012-17	Lead	548	0.782	28, p. 55
		2401012-18	Lead	540	0.778	28, p. 56
		2401012-19	Lead	550	0.784	28, p. 57
		2401013-02	Lead	383	0.805	28, p. 77
		2401013-06	Lead	395	0.776	28, p. 81
		2401013-07	Lead	449	0.765	28, p. 82
		2401013-08	Lead	464	0.796	28, p. 83
		2401013-12	Lead	401	0.784	28, p. 87
		2312044-17	Lead	560	0.825	28, p. 24
		2312044-18	Lead	653	0.804	28, p. 25
2312044-19	Lead	529	0.815	28, p. 26		
2312044-24	Lead	504	0.820	28, p. 31		
HP001-P059	No – angular, glass debris [Ref. 53, pp. 28–33]	2309013-10	Lead	391	0.808	27, p. 17
HP001-P061	Yes [Ref. 53, pp. 41–48]	2310035-20	Lead	846	0.799	27, p. 40
		2310035-21	Lead	902	0.786	27, p. 41
HP001-P063 ⁽³⁾	Yes [Ref. 53, p. 50]	2310011-11	Lead	488	0.798	29, p. 27
HP001-P064	Yes [Ref. 53, p. 59]	2310011-20	Lead	449	0.801	29, p. 35
HP001-P065	Yes [Ref. 53, pp. 60–62]	2310011-23	Lead	677	0.799	29, p. 38
		2310011-24	Lead	871	0.808	29, p. 39
		2310011-25	Lead	721	0.782	29, p. 40
		2310011-26	Lead	395	0.773	29, p. 41
		2310011-27	Lead	493	0.775	29, p. 42
HP001-P066	No – plaster-like, red brick debris [Ref. 53, pp. 63–67]	2310011-28	Lead	841	0.796	29, p. 43
		2310011-29	Lead	573	0.778	29, p. 44
		2310011-30	Lead	413	0.806	29, p. 45
		2310011-31	Lead	383	0.790	29, p. 46
HP001-P068	Yes [Ref. 53, pp. 68–72]	2310011-38	Lead	472	0.771	29, p. 53

TABLE 4. ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES						
EPA Property ID	Ceramic debris found on property (Yes/No)?	Laboratory Sample ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
		2310011-39	Lead	566	0.773	29, p. 54
		2310011-40	Lead	642	0.794	29, p. 54
		2310011-41	Lead	964	0.803	29, p. 55
		2310011-42	Lead	629	0.803	29, p. 56
		2310011-43	Lead	674	0.771	29, p. 57
HP001-P069	Yes [Ref. 53, pp. 73–76]	2311049-01	Lead	842	0.783	29, p. 61
		2311049-02	Lead	1,320	0.802	29, p. 62
		2311049-03	Lead	1,320	0.798	29, p. 63
		2311049-04	Lead	680	0.770	29, p. 64
HP001-P070 ⁽³⁾	Yes [Ref. 53, pp. 77–79]	2311049-07	Lead	595	0.807	29, p. 67
		2311049-08	Lead	1,060	0.786	29, p. 68
		2311049-09	Lead	895	0.776	29, p. 69
		2311049-10	Lead	481	0.809	29, p. 70
		2311049-11	Lead	557	0.775	29, p. 71
HP001-P071	Yes [Ref. 53, pp. 80–84]	2311049-12	Lead	1,310	0.814	29, p. 72
		2311049-13	Lead	1,430	0.786	29, p. 73
		2311049-14	Lead	1,420	0.787	29, p. 74
		2311049-15	Lead	854	0.796	29, p. 75
		2311049-16	Lead	481	0.783	29, p. 76
HP001-P072	Yes [Ref. 53, pp. 85–89]	2311049-18	Lead	845	0.812	29, p. 78
		2311049-19	Lead	1,020	0.798	29, p. 79
		2311049-20	Lead	759	0.776	29, p. 80
		2311049-21	Lead	554	0.779	29, p. 80
		2311049-22	Lead	389	0.810	29, p. 81
HP001-P073	Yes [Ref. 53, pp. 91–96, 98–101]	2311049-23	Lead	527	0.818	29, p. 82
		2311049-24	Lead	899	0.804	29, p. 83
		2311049-25	Lead	909	0.804	29, p. 84
		2311049-26	Lead	655	0.769	29, p. 85
		2311049-27	Lead	387	0.806	29, p. 86
		2311049-29	Lead	627	0.797	29, p. 88
		2311049-30	Lead	713	0.809	29, p. 89
		2311049-31	Lead	911	0.812	29, p. 90
		2311049-32	Lead	742	0.785	29, p. 91
		2311049-33	Lead	575	0.783	29, p. 92
		2311049-34	Lead	705	0.791	29, p. 93
		2311049-35	Lead	610	0.772	29, p. 94
		2311049-36	Lead	560	0.792	29, p. 95
HP001-P076	Yes [Ref. 53, pp. 103, 105]	2311049-50	Lead	640	0.793	29, p. 108
		2311049-51	Lead	897	0.776	29, p. 109
		2311049-52	Lead	903	0.782	29, p. 110
		2311049-53	Lead	465	0.765	29, p. 111
		2311049-54	Lead	671	0.803	29, p. 112
HP001-P078	Yes [Ref. 53, pp. 107–110, 112–113]	2311049-60	Lead	956	0.794	29, p. 118
		2311049-61	Lead	1,000	0.769	29, p. 119
		2311049-62	Lead	509	0.753	29, p. 120
HP001-P079	Yes [Ref. 53, pp. 114–118]	2311049-70	Lead	911	0.767	29, p. 128
		2311049-71	Lead	1,060	0.804	29, p. 129
		2311049-72	Lead	702	0.804	29, p. 130
		2311049-74	Lead	432	0.798	29, p. 132
HP001-P080	Yes [Ref. 53, pp. 119–120, 122–123]	2311049-75	Lead	862	0.813	29, p. 132
		2311049-76	Lead	674	0.803	29, p. 133
HP001-P081	Yes [Ref. 53, p. 126]	2311049-80	Lead	1,190	0.810	29, p. 137
		2311049-81	Lead	1,070	0.800	29, p. 138
		2311049-82	Lead	1,190	0.804	29, p. 139
		2311049-83	Lead	721	0.801	29, p. 140
HP001-P083	Yes [Ref. 53, pp. 135, 137, 140]	2312016-13	Lead	386	0.789	29, p. 158
HP001-P085		2312024-09	Lead	633	0.796	29, p. 213

TABLE 4. ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES						
EPA Property ID	Ceramic debris found on property (Yes/No)?	Laboratory Sample ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
	Yes [Ref. 53, pp. 146, 150, 152, 155, 157]	2312024-10	Lead	928	0.795	29, p. 214
		2312024-13	Lead	404	0.784	29, p. 217
		2312024-14	Lead	495	0.769	29, p. 218
		2312024-15	Lead	710	0.761	29, p. 219
		2312024-16	Lead	851	0.753	29, p. 220
		2312024-17	Lead	639	0.801	29, p. 221
		2312024-18	Lead	595	0.770	29, p. 222
		2312024-19	Lead	622	0.748	29, p. 223
HP001-P086	Yes [Ref. 53, pp. 159, 161–162]	2312024-20	Lead	607	0.786	29, p. 224
		2312024-22	Lead	911	0.781	29, p. 226
		2312024-23	Lead	988	0.752	29, p. 227
		2312024-24	Lead	950	0.791	29, p. 228
		2312024-25	Lead	586	0.776	29, p. 229
HP001-P087	Yes [Ref. 53, pp. 164–166, 169–172]	2312024-26	Lead	623	0.764	29, p. 230
		2312024-28	Lead	428	0.787	29, p. 232
		2312024-29	Lead	593	0.788	29, p. 233
		2312024-30	Lead	455	0.795	29, p. 234
		2312024-33	Lead	594	0.802	29, p. 236
		2312024-34	Lead	773	0.776	29, p. 237
HP001-P088	Yes [Ref. 53, pp. 173–174, 177, 179–185]	2312024-35	Lead	539	0.794	29, p. 238
		2312016-18	Lead	1,080	0.781	29, p. 163
		2312016-19	Lead	1,180	0.802	29, p. 164
		2312016-20	Lead	1,320	0.803	29, p. 165
		2312016-21	Lead	1,080	0.782	29, p. 166
		2312016-22	Lead	736	0.784	29, p. 167
		2312016-24	Lead	1,610	0.825	29, p. 169
		2312016-25	Lead	1,600	0.793	29, p. 170
		2312016-26	Lead	1,280	0.809	29, p. 171
		2312016-27	Lead	1,220	0.766	29, p. 172
HP001-P089	Yes [Ref. 53, pp. 186–189]	2312016-30	Lead	987	0.789	29, p. 175
		2312016-31	Lead	573	0.758	29, p. 176
		2312016-34	Lead	1,250	0.772	29, p. 179
		2312016-35	Lead	1,160	0.839	29, p. 180
HP001-P090	Yes [Ref. 53, pp. 190, 192, 194]	2312016-36	Lead	791	0.793	29, p. 181
		2312016-37	Lead	487	0.807	29, p. 182
		2312016-39	Lead	843	0.799	29, p. 184
HP001-P091	Yes [Ref. 53, p. 198]	2312016-40	Lead	926	0.806	29, p. 184
		2312016-41	Lead	722	0.805	29, p. 185
		2312024-39	Lead	480	0.795	29, p. 242
HP001-P097	Yes [Ref. 53, pp. 206, 210]	2312024-40	Lead	484	0.791	29, p. 243
		2312024-41	Lead	448	0.760	29, p. 244
		2401011-01	Lead	645	0.809	30, p. 279
		2401011-05	Lead	414	0.765	30, p. 283
		2401011-02	Lead	870	0.787	30, p. 280
		2401011-03	Lead	825	0.804	30, p. 281
		2401011-04	Lead	774	0.794	30, p. 282
		2401011-06	Lead	485	0.793	30, p. 284
HP001-P099	Yes [Ref. 53, p. 214]	2312046-07	Lead	479	0.758	30, p. 250
		2312046-08	Lead	594	0.803	30, p. 251
		2312046-09	Lead	437	0.767	30, p. 252
		2401011-07	Lead	992	0.799	30, p. 285
		2401011-08	Lead	1,610	0.810	30, p. 286
HP001-P102	Yes [Ref. 53, pp. 218, 220]	2401011-09	Lead	1,470	0.792	30, p. 287
		2312045-01	Lead	732	0.794	30, p. 178
		2312045-02	Lead	906	0.790	30, p. 179
		2312045-03	Lead	881	0.780	30, p. 180
HP001-P103	Yes [Ref. 53, p. 226]	2312045-04	Lead	484	0.780	30, p. 181
		2312045-06	Lead	520	0.767	30, p. 183

TABLE 4. ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES						
EPA Property ID	Ceramic debris found on property (Yes/No)?	Laboratory Sample ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
		2312045-07	Lead	608	0.808	30, p. 183
		2312045-08	Lead	565	0.789	30, p. 184
HP001-P104	Yes [Ref. 53, pp. 230–231]	2312045-12	Lead	888	0.786	30, p. 188
		2312045-13	Lead	865	0.799	30, p. 189
		2312045-14	Lead	782	0.780	30, p. 190
		2312045-15	Lead	711	0.784	30, p. 191
		2312045-16	Lead	1,730	0.789	30, p. 192
HP001-P106	Yes [Ref. 53, pp. 233–237]	2312042-01	Lead	1,280	0.814	30, p. 92
		2312042-02	Lead	1,110	0.811	30, p. 93
		2312042-03	Lead	970	0.804	30, p. 94
		2312042-04	Lead	685	0.787	30, p. 95
		2312042-05	Lead	652	0.809	30, p. 96
HP001-P109	Yes [Ref. 53, pp. 244–246]	2312032-06	Lead	597	0.781	29, p. 263
		2312032-07	Lead	983	0.798	29, p. 264
		2312032-08	Lead	939	0.768	29, p. 265
		2312032-09	Lead	1,080	0.815	29, p. 266
		2312032-10	Lead	682	0.760	29, p. 267
HP001-P110 ⁽³⁾	Yes [Ref. 53, pp. 252, 255]	2312037-12	Lead	545	0.788	30, p. 27
		2312037-13	Lead	762	0.769	30, p. 27
		2312037-14	Lead	386	0.805	30, p. 28
HP001-P111 ⁽³⁾	Yes [Ref. 53, p. 258]	2312039-01	Lead	453	0.802	30, p. 63
		2312039-02	Lead	529	0.752	30, p. 64
		2312039-03	Lead	511	0.786	30, p. 65
		2312039-04	Lead	422	0.768	30, p. 66
HP001-P112	Yes [Ref. 53, pp. 262, 264]	2312032-12	Lead	931	0.799	29, p. 269
		2312032-13	Lead	1,340	0.827	29, p. 270
		2312032-14	Lead	1,250	0.795	29, p. 271
		2312032-15	Lead	537	0.816	29, p. 272
		2312032-17	Lead	384	0.785	29, p. 274
HP001-P113	Yes [Ref. 53, pp. 267, 274]	2312032-18	Lead	442	0.805	29, p. 275
		2312032-19	Lead	1,130	0.774	29, p. 276
		2312032-20	Lead	1,000	0.785	29, p. 277
		2312032-23	Lead	501	0.755	29, p. 280
		2312032-24	Lead	1,300	0.813	29, p. 281
		2312032-25	Lead	915	0.763	29, p. 282
		2312032-26	Lead	423	0.762	29, p. 283
HP001-P115	Yes [Ref. 53, pp. 280–281, 283–284]	2312039-12	Lead	1,070	0.750	30, p. 74
		2312039-13	Lead	1,380	0.775	30, p. 75
		2312039-14	Lead	1,410	0.792	30, p. 76
		2312039-15	Lead	1,460 J (1,014) ⁽²⁾	0.814	30, p. 77
		2312039-16	Lead	579	0.804	30, p. 78
HP001-P116	Yes [Ref. 53, pp. 285, 287, 289]	2401018-01	Lead	990	0.811	31, p. 61
		2401018-02	Lead	872	0.772	31, p. 62
		2401018-03	Lead	559	0.814	31, p. 63
		2401018-05	Lead	512	0.765	31, p. 65
HP001-P117	Yes [Ref. 53, pp. 290–301]	2312037-16	Lead	816	0.777	30, p. 30
		2312037-17	Lead	1,300	0.800	30, p. 31
		2312037-18	Lead	1,260	0.786	30, p. 32
		2312037-19	Lead	1,150	0.806	30, p. 33
		2312037-20	Lead	844	0.762	30, p. 34
		2312037-21	Lead	808	0.815	30, p. 35
		2312037-22	Lead	1,000	0.875	30, p. 36
		2312037-23	Lead	1,300	0.778	30, p. 37
		2312037-24	Lead	1,360	0.815	30, p. 38
		2312037-25	Lead	1,350	0.795	30, p. 39
		2312037-26	Lead	1,340	0.777	30, p. 40
2312037-27	Lead	1,370	0.809	30, p. 41		
2312037-28	Lead	707	0.788	30, p. 42		

TABLE 4. ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES						
EPA Property ID	Ceramic debris found on property (Yes/No)?	Laboratory Sample ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
		2312037-29	Lead	1,340	0.801	30, p. 43
		2312037-30	Lead	1,030	0.764	30, p. 44
		2312037-31	Lead	422	0.770	30, p. 45
HP001-P118	Yes [Ref. 53, pp. 304–305]	2401011-12	Lead	715	0.821	30, p. 289
		2401011-13	Lead	1,010	0.778	30, p. 290
		2401011-14	Lead	1,430	0.789	30, p. 291
		2401011-15	Lead	1,090	0.767	30, p. 292
		2401011-16	Lead	1,040	0.786	30, p. 293
HP001-P119	Yes [Ref. 53, p. 312]	2312046-12	Lead	402	0.783	30, p. 255
		2312046-13	Lead	546	0.773	30, p. 256
		2312046-14	Lead	636	0.802	30, p. 257
		2312046-15	Lead	636	0.804	30, p. 258
		2312046-16	Lead	704	0.771	30, p. 259
HP001-P120	Yes [Ref. 53, p. 317]	2312045-17	Lead	469	0.826	30, p. 193
		2312045-18	Lead	503	0.837	30, p. 194
		2312045-19	Lead	467	0.785	30, p. 195
HP001-P121	Yes [Ref. 53, pp. 321, 323, 326]	2312046-17	Lead	1,100	0.762	30, p. 260
		2312046-18	Lead	1,410	0.810	30, p. 261
		2312046-19	Lead	1,630	0.792	30, p. 261
		2312046-20	Lead	716	0.754	30, p. 262
		2312046-22	Lead	1,170	0.793	30, p. 264
		2312046-23	Lead	1,140	0.809	30, p. 265
		2312046-24	Lead	1,170	0.781	30, p. 266
		2312046-25	Lead	1,110	0.786	30, p. 267
HP001-P123	Yes [Ref. 53, p. 336]	2312046-26	Lead	490	0.788	30, p. 268
		2312043-12	Lead	404	0.831	30, p. 140
		2312043-13	Lead	391	0.795	30, p. 141
		2312043-14	Lead	500	0.821	30, p. 142
		2312043-15	Lead	443	0.783	30, p. 143
		2312045-23	Lead	407	0.786	30, p. 199
		2312045-24	Lead	399	0.801	30, p. 200
		2312045-25	Lead	493	0.810	30, p. 201
		2312045-28	Lead	435	0.815	30, p. 204
		2312045-29	Lead	643	0.799	30, p. 205
HP001-P124	Yes [Ref. 53, pp. 355–357, 359, 361]	2312045-30	Lead	648	0.799	30, p. 206
		2312045-31	Lead	749	0.820	30, p. 207
		2312045-32	Lead	419	0.792	30, p. 208
		2312042-06	Lead	472	0.821	30, p. 97
		2312042-07	Lead	791	0.773	30, p. 98
		2312042-08	Lead	693	0.806	30, p. 99
		2312042-09	Lead	527	0.759	30, p. 100
		2312042-12	Lead	437	0.844	30, p. 103
		2312042-13	Lead	524	0.785	30, p. 104
		2312042-14	Lead	450	0.803	30, p. 105
HP001-P125	Yes [Ref. 53, pp. 363, 365, 367]	2312042-20	Lead	380	0.792	30, p. 110
		2312042-23	Lead	382	0.786	30, p. 113
		2312042-24	Lead	530	0.795	30, p. 114
		2312042-25	Lead	461	0.810	30, p. 115
		2312039-18	Lead	1,080	0.834	30, p. 79
HP001-P126	Yes [Ref. 53, pp. 370–371, 373]	2312039-19	Lead	1,550	0.810	30, p. 80
		2312039-20	Lead	1,110	0.791	30, p. 81
		2312039-21	Lead	875	0.781	30, p. 82
		2401016-06	Lead	946	0.830	31, p. 41
		2401016-07	Lead	1,060	0.780	31, p. 42
		2401016-08	Lead	854	0.791	31, p. 43
		2401016-09	Lead	850	0.774	31, p. 44
		2401016-10	Lead	620	0.782	31, p. 45
		2401016-11	Lead	436	0.774	31, p. 46

TABLE 4. ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES						
EPA Property ID	Ceramic debris found on property (Yes/No)?	Laboratory Sample ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
HP001-P127	Yes [Ref. 53, pp. 376, 379–381]	2401015-03	Lead	465	0.777	31, p. 18
		2401015-04	Lead	471	0.761	31, p. 19
		2401018-06	Lead	1,290	0.791	31, p. 66
		2401018-07	Lead	843	0.811	31, p. 67
		2401018-08	Lead	716	0.788	31, p. 68
HP001-P128	Yes [Ref. 53, pp. 385, 387]	2401018-09	Lead	412	0.794	31, p. 69
		2401018-16	Lead	481	0.798	31, p. 76
		2401018-17	Lead	638	0.790	31, p. 77
		2401018-18	Lead	650	0.791	31, p. 78
		2401018-19	Lead	805	0.809	31, p. 79
HP001-P129	Yes [Ref. 53, pp. 391–392, 394, 396–397, 402–404]	2401018-20	Lead	1,010	0.787	31, p. 79
		2401018-21	Lead	5,030	0.797	31, p. 80
		2312045-34	Lead	925	0.808	30, p. 209
		2312045-35	Lead	1,170	0.799	30, p. 210
		2312045-36	Lead	619	0.807	30, p. 211
		2312045-39	Lead	593	0.802	30, p. 214
		2312045-40	Lead	623	0.784	30, p. 215
		2312045-41	Lead	403	0.780	30, p. 216
HP001-P130	Yes [Ref. 53, pp. 405, 409–410]	2312045-44	Lead	507	0.810	30, p. 219
		2312045-45	Lead	561	0.789	30, p. 220
		2312045-46	Lead	543	0.804	30, p. 221
		2401016-12	Lead	592	0.776	31, p. 47
		2401016-13	Lead	857	0.764	31, p. 48
		2401016-14	Lead	496	0.762	31, p. 49
HP001-P131	Yes [Ref. 53, pp. 415–416, 418]	2401016-16	Lead	421	0.788	31, p. 51
		2401016-17	Lead	549	0.769	31, p. 52
		2401016-18	Lead	468	0.761	31, p. 53
		2401021-01	Lead	812	0.802	31, p. 132
		2401021-02	Lead	850	0.800	31, p. 133
HP001-P132	Yes [Ref. 53, pp. 424, 427–428]	2401021-03	Lead	1,200	0.789	31, p. 134
		2401021-04	Lead	1,170	0.771	31, p. 135
		2401021-05	Lead	737	0.800	31, p. 136
		2401021-06	Lead	508	0.784	31, p. 137
		2401021-07	Lead	730	0.796	31, p. 138
		2401021-08	Lead	707	0.756	31, p. 139
		2401021-09	Lead	815	0.808	31, p. 140
		2401021-10	Lead	559	0.810	31, p. 141
HP001-P133	Yes [Ref. 53, p. 438]	2401021-13	Lead	706	0.808	31, p. 144
		2401021-14	Lead	661	0.796	31, p. 145
		2401021-15	Lead	611	0.794	31, p. 146
		2401021-19	Lead	395	0.812	31, p. 150
		2401021-20	Lead	378	0.777	31, p. 151
		2401021-29	Lead	1,060	0.791	31, p. 159
		2401021-30	Lead	1,020	0.800	31, p. 160
HP001-P135	Yes [Ref. 53, pp. 459, 465]	2401021-31	Lead	2,040	0.807	31, p. 161
		2401021-32	Lead	981	0.804	31, p. 162
		2401019-21	Lead	685	0.786	31, p. 111
		2401019-22	Lead	1,070	0.773	31, p. 112
		2401019-23	Lead	2,240	0.808	31, p. 113
		2401019-24	Lead	1,620	0.789	31, p. 114
		2401019-25	Lead	1,320	0.796	31, p. 115
		2401019-26	Lead	1,430	0.819	31, p. 116
		2401019-27	Lead	1,710	0.767	31, p. 117
HP001-P136	Yes [Ref. 53, p. 466]	2401019-28	Lead	2,040	0.819	31, p. 118
		2401019-29	Lead	1,540	0.798	31, p. 119
		2401019-30	Lead	1,560	0.806	31, p. 120
HP001-P136	Yes [Ref. 53, p. 466]	2401021-40	Lead	407	0.772	31, p. 170
		2401021-41	Lead	505	0.782	31, p. 171

TABLE 4. ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES						
EPA Property ID	Ceramic debris found on property (Yes/No)?	Laboratory Sample ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
HP001-P137	Yes [Ref. 53, pp. 469, 476-477]	2401021-44	Lead	1,020	0.774	31, p. 174
		2401021-45	Lead	1,380	0.794	31, p. 175
		2401021-46	Lead	1,410	0.786	31, p. 176
		2401021-47	Lead	1,510	0.811	31, p. 177
		2401021-48	Lead	1,020	0.800	31, p. 178
		2401021-49	Lead	660	0.792	31, p. 179
		2401019-31	Lead	677	0.818	31, p. 121
		2401019-32	Lead	1,380	0.764	31, p. 122
		2401019-33	Lead	1,340	0.768	31, p. 123
		2401019-34	Lead	444	0.795	31, p. 124
HP001-P139	Yes [Ref. 53, pp. 494, 496-497, 501]	2401021-50	Lead	590	0.809	31, p. 180
		2401021-51	Lead	600	0.836	31, p. 181
		2401021-55	Lead	2,670	0.774	31, p. 184
		2401021-56	Lead	2,050	0.788	31, p. 185
		2401021-57	Lead	885	0.784	31, p. 186
		2401021-60	Lead	628	0.822	31, p. 189
		2401021-61	Lead	708	0.823	31, p. 190
		2401021-62	Lead	594	0.825	31, p. 191
		2401021-65	Lead	586	0.830	31, p. 194
		2401021-66	Lead	701	0.848	31, p. 195
HP001-P140	Yes [Ref. 53, pp. 505, 507, 510]	2401021-67	Lead	711	0.804	31, p. 196
		2401021-70	Lead	539	0.850	31, p. 199
		2401021-71	Lead	601	0.856	31, p. 200
		2401021-72	Lead	661	0.819	31, p. 201
		2401021-73	Lead	415	0.785	31, p. 202
		2312037-33	Lead	1,590	0.798	30, p. 47
HP002-P006	Yes [Ref. 53, pp. 526-530]	2312037-34	Lead	1,730	0.759	30, p. 48
		2312037-35	Lead	1,410	0.784	30, p. 49
		2312037-36	Lead	1,520	0.800	30, p. 50
		2312037-37	Lead	1,220	0.761	30, p. 51
		2312032-28	Lead	1,320	0.817	29, p. 285
HP002-P007	Yes [Ref. 53, pp. 532-534]	2312032-29	Lead	1,640	0.803	29, p. 286
		2312032-30	Lead	913	0.796	29, p. 287
		2312032-31	Lead	395	0.748	29, p. 288
		2312037-38	Lead	1,400	0.837	30, p. 52
HP002-P008	Yes [Ref. 53, pp. 536, 538-540, 542]	2312037-39	Lead	1,840	0.828	30, p. 53
		2312037-40	Lead	1,590	0.800	30, p. 53
		2312037-41	Lead	1,520	0.798	30, p. 54
		2312037-42	Lead	1,840	0.752	30, p. 55
		2312037-43	Lead	1,390	0.809	30, p. 56
		2312037-45	Lead	1,530	0.822	30, p. 58
		2312037-46	Lead	1,700	0.813	30, p. 59
		2312037-47	Lead	1,310	0.759	30, p. 60
		2312037-48	Lead	765	0.778	30, p. 61
		HP002-P009	Yes [Ref. 53, p. 547]	2312043-17	Lead	1,120
2312043-18	Lead			1,260	0.822	30, p. 146
2312043-19	Lead			1,530	0.796	30, p. 147
2312043-20	Lead			561	0.763	30, p. 148
2312043-21	Lead			522	0.761	30, p. 149
HP002-P010	Yes [Ref. 53, pp. 550, 555]	2312043-23	Lead	828	0.792	30, p. 151
		2312043-24	Lead	954	0.809	30, p. 152
		2312043-25	Lead	527	0.778	30, p. 153
HP002-P011	Yes [Ref. 53, p. 558]	2312045-50	Lead	707	0.773	30, p. 225
		2312045-51	Lead	746	0.809	30, p. 226
		2312045-52	Lead	425	0.773	30, p. 227
HP002-P012		2312045-54	Lead	388	0.796	30, p. 229
		2312045-55	Lead	1,050	0.776	30, p. 230

TABLE 4. ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES						
EPA Property ID	Ceramic debris found on property (Yes/No)?	Laboratory Sample ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
	No – plaster-like, coal-like, glass debris [Ref. 53, pp. 561–565]	2312045-56	Lead	852	0.803	30, p. 231
HP002-P013	Yes [Ref. 53, pp. 566–567]	2312045-59	Lead	1,270	0.818	30, p. 234
		2312045-60	Lead	1,540	0.783	30, p. 235
		2312045-61	Lead	826	0.772	30, p. 235
		2312045-62	Lead	425	0.762	30, p. 236
		2312045-63	Lead	446	0.751	30, p. 237
HP002-P014	Yes [Ref. 53, pp. 571–572]	2312039-23	Lead	777	0.802	30, p. 84
		2312039-24	Lead	833	0.780	30, p. 85
		2312039-25	Lead	673	0.811	30, p. 86
		2312039-26	Lead	559	0.793	30, p. 87
		2312039-27	Lead	551	0.777	30, p. 88
HP002-P015	Yes [Ref. 53, pp. 576–579, 581–582, 584–586]	2401016-23	Lead	392	0.781	31, p. 57
		2401016-24	Lead	847	0.774	31, p. 58
		2401016-25	Lead	1,280	0.799	31, p. 59
		2401016-26	Lead	905	0.804	31, p. 60
		2401015-06	Lead	381	0.819	31, p. 21
		2401015-07	Lead	486	0.764	31, p. 22
		2401015-08	Lead	623	0.777	31, p. 23
		2401015-09	Lead	2,440	0.804	31, p. 24
		2401015-10	Lead	1,340	0.784	31, p. 25
		2402012-20	Lead	679	0.775	31, p. 284
		2402012-21	Lead	552	0.789	31, p. 285
2402012-22	Lead	617	0.796	31, p. 286		
HP002-P016	Yes [Ref. 53, p. 587]	2312043-27	Lead	1,010	0.799	30, p. 155
		2312043-28	Lead	1,200	0.798	30, p. 156
		2312043-29	Lead	974	0.800	30, p. 157
		2312043-30	Lead	773	0.803	30, p. 157
		2312043-31	Lead	515	0.790	30, p. 158
HP002-P017	Yes [Ref. 53, pp. 594–595]	2401018-27	Lead	505	0.801	31, p. 86
		2401018-28	Lead	720	0.797	31, p. 87
		2401018-29	Lead	688	0.780	31, p. 88
		2401018-30	Lead	647	0.792	31, p. 89
HP002-P018	Yes [Ref. 53, p. 599]	2401019-37	Lead	1,310	0.761	31, p. 127
		2401019-38	Lead	1,340	0.787	31, p. 128
		2401019-39	Lead	7,760 J (5,389) ⁽²⁾	0.808	31, p. 129
		2401019-40	Lead	6,340 J (4,403) ⁽²⁾	0.763	31, p. 130
		2401019-41	Lead	1,220	0.807	31, p. 131
		2401019-42	Lead	584	0.772	31, p. 131
HP002-P020	Yes [Ref. 53, p. 689]	2401021-75	Lead	727	0.806	31, p. 204
		2401021-76	Lead	1,010	0.838	31, p. 205
		2401021-77	Lead	956	0.807	31, p. 206
		2401021-78	Lead	555	0.810	31, p. 207
		2401021-79	Lead	383	0.814	31, p. 208
HP002-P062	Yes [Ref. 53, pp. 764, 768]	2310011-03	Lead	465	0.806	29, p. 19
		2310011-04	Lead	447	0.762	29, p. 20
		2310011-05	Lead	672	0.806	29, p. 21
		2310011-06	Lead	519	0.777	29, p. 22
HP002-P067	Yes [Ref. 53, pp. 770–772]	2310011-33	Lead	1,810	0.806	29, p. 48
		2310011-34	Lead	1,580	0.807	29, p. 49
		2310011-35	Lead	737	0.769	29, p. 50
		2310011-36	Lead	659	0.784	29, p. 51
		2310011-37	Lead	671	0.791	29, p. 52
HP002-P074	Yes [Ref. 53, p. 773]	2311049-39	Lead	660	0.795	29, p. 98
		2311049-40	Lead	642	0.788	29, p. 99
		2311049-41	Lead	576	0.763	29, p. 100
HP002-P075		2311049-45	Lead	383	0.824	29, p. 104

TABLE 4. ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES						
EPA Property ID	Ceramic debris found on property (Yes/No)?	Laboratory Sample ID	Hazardous Substance	Concentration (mg/kg)	RL (mg/kg) ⁽¹⁾	References
	Yes [Ref. 53, pp. 778–781]	2311049-46	Lead	1,160	0.772	29, p. 105
		2311049-47	Lead	1,190	0.750	29, p. 106
		2311049-48	Lead	1,020	0.784	29, p. 106
		2311049-49	Lead	790	0.759	29, p. 107
HP002-P077	Yes [Ref. 53, pp. 782, 784]	2311049-55	Lead	436	0.768	29, p. 113
		2311049-56	Lead	511	0.750	29, p. 114
HP002-P082	Yes [Ref. 53, pp. 788–789, 791]	2312016-44	Lead	543	0.802	29, p. 188
		2312016-45	Lead	614	0.788	29, p. 189
		2312016-46	Lead	511	0.770	29, p. 190
		2312016-47	Lead	552	0.799	29, p. 191
HP002-P084	Yes [Ref. 53, pp. 796–797]	2312016-54	Lead	604	0.815	29, p. 198
		2312016-55	Lead	722	0.812	29, p. 199
HP002-P093	Yes [Ref. 53, pp. 803, 806]	2312024-44	Lead	915	0.755	29, p. 247
		2312024-45	Lead	908	0.775	29, p. 248
		2312024-46	Lead	693	0.809	29, p. 249
HP002-P094	Yes [Ref. 53, pp. 810, 812–814]	2312024-50	Lead	393	0.784	29, p. 253
		2312024-51	Lead	786	0.787	29, p. 254
		2312024-52	Lead	947	0.800	29, p. 255
		2312024-53	Lead	952	0.767	29, p. 256
HP002-P095	Yes [Ref. 53, pp. 816, 818]	2312043-33	Lead	1,140	0.764	30, p. 160
		2312043-34	Lead	1,140	0.808	30, p. 161
		2312043-35	Lead	841	0.800	30, p. 162
		2312043-36	Lead	551	0.762	30, p. 163
HP002-P096	No – glass debris [Ref. 53, pp. 820–824]	2312043-38	Lead	836	0.818	30, p. 165
		2312043-39	Lead	1,120	0.789	30, p. 166
		2312043-40	Lead	1,090	0.783	30, p. 167
		2312043-41	Lead	817	0.758	30, p. 168
		2312043-42	Lead	436	0.757	30, p. 169
		2312043-43	Lead	521	0.786	30, p. 170
HP002-P098	Yes [Ref. 53, p. 825]	2312043-44	Lead	379	0.768	30, p. 171
		2312043-45	Lead	394	0.780	30, p. 172
		2312043-46	Lead	1,260	0.803	30, p. 173
		2312043-47	Lead	604	0.761	30, p. 174
HP002-P100	No – plaster-like, red brick, and glass debris [Ref. 53, pp. 829–832]	2312045-64	Lead	932	0.782	30, p. 238
		2312045-65	Lead	1,100	0.794	30, p. 239
		2312045-66	Lead	1,100	0.755	30, p. 240
		2312045-69	Lead	393	0.798	30, p. 243
HP002-P101	Yes [Ref. 53, pp. 833–834, 836–837]	2312042-28	Lead	1,060	0.792	30, p. 118
		2312042-29	Lead	1,440	0.801	30, p. 119
		2312042-30	Lead	1,330	0.769	30, p. 120
		2312042-31	Lead	852	0.790	30, p. 121
		2312042-32	Lead	623	0.790	30, p. 122
HP002-P105	Yes [Ref. 53, p. 840]	2312042-34	Lead	1,010	0.788	30, p. 124
		2312042-35	Lead	936	0.785	30, p. 125
		2312042-36	Lead	432	0.804	30, p. 126
		2312042-37	Lead	490	0.764	30, p. 127

mg/kg = milligram per kilogram

(1) The RLs were reported in accordance with method requirements; they are limits of quantitation that represent the lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a reasonable degree of accuracy and precision, and they are matrix- and dilution-dependent [Refs. 21, pp. 4, 6, 32, 40, 46; 52, p. 12]. This is equivalent to the HRS definition of SQL (i.e., the quantity of a hazardous substance that can be reasonably quantified given the limits of detection for the method of analysis and sample characteristics that may affect quantitation (e.g., dilution, concentration) [Ref. 1, Section 1.1].

(2) J = The identification of the analyte is acceptable; the reported value is an estimate with unknown reported bias [Refs. 30, pp. 2, 77; 31, pp. 2, 129, 130]. For low or unknown biased qualified contaminated sample results, the value presented parenthetically is the estimated minimum concentration obtained by applying adjustment factors from the EPA fact sheet *Using Qualified Data to Document and Observed Release and Observed Contamination* (November 2022) [Ref. 32, pp. 8, 20].

(3) These are vacant residential or community properties that are accessible to and sometimes used by the occupants of adjacent and nearby properties.

Attribution

As scored for HRS purposes, the Historic Potteries site consists of the release of a hazardous substance (i.e., lead) from historical pottery operations resulting in an area of observed contamination that is delineated based on the presence of lead in the top 2 feet of soil on residential properties and school grounds [see **Tables 2 and 4 and Figures 3 and 3a through 3i** of this HRS documentation record]. Due to the history of the East Trenton/Top Road area, where numerous industrial-scale potteries formerly operated, EPA is investigating the pottery industry as the source of elevated lead levels in the area [Refs. 6, pp. 8–11; 7, pp. 2–5; 11, p. 1; 12, p. 5]. EPA identified more than 30 locations in and around the East Trenton/Top Road area where one or more pottery manufacturing businesses formerly operated [Refs. 6, pp. 8–10]. These industrial-scale potteries operated in the area over variable timeframes between the 1850s and the mid-20th century [Refs. 6, p. 10; 7, pp. 2–5; 8, p. 2; 9, pp. 1, 3; 37, p. 5; 44, pp. 1, 6–39]. In 1850, just one industrial pottery was operating in Trenton [Ref. 7, p. 4; 8, p. 2; 44, p. 37]. However, the industry grew increasingly prominent in the city from the 1850s until the 1920s (in 1924, more than 50 facilities were operating simultaneously in Trenton), when it began to shrink considerably during the Great Depression [Refs. 7, pp. 4–5; 8, p. 2; 9, p. 1; 10, p. 3; 38, pp. 74–76; 44, pp. 6–42].

The reasons for the growth of the pottery industry in Trenton from the 1850s until the 1920s were the city's central location with respect to markets (New York and Philadelphia) and its role as a hub in the regional transportation network of canals and railroads [Refs. 6, p. 8; 7, p. 4; 43, p. 1, 3]. The surge of industrial pottery development occurred primarily along the Delaware and Raritan Canal, which was built in 1834 and separates East Trenton and Top Road; the canal and adjacent railroad tracks provided easy delivery of raw materials (e.g., central New Jersey clays and eastern Pennsylvania coals) to the potteries and transport of finished goods from the potteries [Ref. 7, pp. 4–5; 11, p. 2; 43, pp. 1, 3–5, 7, 8; 51, p. 2]. Historical maps from 1835, 1874, and 1882 provide evidence of the industrial pottery development in the East Trenton/Top Road area—the 1835 map shows the area to be significantly less developed, whereas the 1874 and 1882 maps show industrial potteries in clusters along the canal and adjacent railroad tracks, and individual potteries at other locations in the East Trenton/Top Road area [Refs. 45, p.1; 46, pp. 1–4; 47, p. 1]. Historical maps from 1930 show additional potteries in the area, including in the easternmost portion of the East Trenton/Top Road area [Ref. 48, pp. 2, 31–38, 50]. Several of the former pottery locations in the East Trenton/Top Road area are within the documented AOC, and most others within the East Trenton/Top Road area are clustered near the documented AOC in areas that were not sampled by EPA [Ref. 46, pp. 1-4; 47, p. 1; 48, pp. 2-11; see **Figure 2 and Section 5.1.0** of this HRS documentation Record]. Development of the East Trenton and Top Road residential neighborhoods coincided with the industrial growth as a means to support the potteries and other industries [Ref. 18, p. 5; 47, p. 1; 48, pp. 2, 31–38, 50; 51, p. 2]. As the industry waned, some of the historical pottery locations in the East Trenton/Top Road area were converted to other uses including residential [Refs. 6, pp. 10, 13; 43, p. 2; 47, p. 1; 48, pp. 2, 31–38, 50].

Potteries in Trenton manufactured tableware, sanitary ware, electrical porcelain, and art ceramics [Refs. 7, p. 12; 9, pp. 1, 3; 10, p. 2; 37, pp. 5–8; 38, pp. 74–76; 44, pp. 6–42]. Lead was used in the ceramic glazes required for the manufacture of many of these products, which were subject to high temperatures in the firing kilns [Refs. 7, pp. 6–7, 13; 38, pp. 35–42; 39, pp. 47–52, 60–65, 72; 40, pp. 35–36, 45–57; 41, pp. 2–3]. The number of pottery kilns in Trenton increased from 1 to 258 between 1852 and 1903 [Ref. 38, p. 76]. Depictions of the Trenton kilns show smoke emanating from their stacks and moving with the wind; lead would have been released in these kiln emissions and then settle into the soil downwind from the kilns [Refs. 6, pp. 9, 11; 7, p. 10; 37, p. 5; 33, p. 13; 39, pp. 182–198; 41, pp. 2, 3; 42, pp. 2–3; 43, p. 1]. Soil and debris containing ceramic pieces that was used as fill material during development of the residential neighborhoods is also adding to the lead contamination [Refs. 6, p. 11; 11, p. 2; 53, pp. 2–852; see **Section 5.1.0** of this HRS documentation record].

During multiple sampling events from October 2020 to July 2022, EPA sampled residential properties, public properties, and industrial properties within the study area for the Historic Potteries site [Refs. 12, pp. 1, 12–28; 13, pp. 1, 13–19; 14, pp. 1, 13–21; 15, pp. 1, 13–16; 16, pp. 1, 13–17; 17, pp. 1, 14–16; 18, pp. 1, 6–9, 15–27]. During these sampling events, EPA found pottery sherds (i.e., ceramic chips) within the contaminated soils on many

properties to have lead field screening levels that were above EPA RMLs [Refs. 12, pp. 68–70, 76, 81, 87–88, 99, 111, 115; 13, pp. 46, 55, 57, 58; 14, pp. 60, 69, 74; 15, pp. 51, 61, 62; 16, pp. 45, 50, 63; 17, pp. 48–49, 56–57, 59, 66–67; 18, pp. 5–8, 11–12, 53–54, 63–64, 68, 70–71, 74, 90–92, 101, 117, 129, 131; 33, pp. 2–3, 8]. EPA collected and analyzed some of the pottery sherds and reported lead levels up to 5,737 mg/kg [Ref. 18, pp. 6–8]. EPA found that there is spatial correlation of former pottery locations and lead contamination within the AOC and that the presence of lead concentrations elevated above RMLs at shallow depths is consistent with the presence of ceramic chips at similar depths and aerial deposition of kiln emissions from upwind historical pottery operations [Ref. 33, p. 18–19]. EPA found lead to be one of the most leachable metals from the ceramic chips and that the isotopic composition of soil lead can be correlated to the isotopic composition of co-located ceramic chips in many cases, indicating that leaching of lead from the chips over time is one of the mechanisms of soil contamination [Ref. 33, pp. 10–13, 18–19].

EPA performed additional sampling of residential properties, schools, and parks in the Top Road and East Trenton neighborhoods, as well as background locations outside the historic potteries area, from in 2023 and 2024 [Ref. 22, pp. 2–73; 53, pp. 1, 853–956; 55, pp. 2–4, 7–8; see **Section 5.1.0** of this HRS documentation record]. All samples were collected within the top 2 feet of soil, and residential/school property samples were collected within 200 feet of the residence or school/workplace [Ref. 54, pp. 2-3; see **Section 5.1.0 and Figures 3a through 3i** of this HRS documentation record]. Results for the Grant Intermediate School, where there are 542 students and 45 full-time faculty members, show lead concentrations more than three times above background levels in several grass- and soil-covered areas on school grounds [see **Tables 2, 3, 4, 7, and 8** of this HRS documentation record]. The lead levels for the surface soil samples collected throughout the school grounds exceed the recently updated EPA Removal Management Level (RML) of 200 mg/kg [Refs. 6, pp. 14–15; 36, pp. 1–2]. Therefore, EPA is performing interim actions to protect the school community from the lead contamination in the soil, including temporary restriction to contaminated areas until protective measures are installed (i.e., clean cover material in the main play areas and temporary fencing around low use areas) [Refs. 6, pp. 17–18]. In addition to the lead contamination at the school, analytical results show that lead contamination more than three times above the site-specific background level affects 84 occupied residential properties [see **Section 5.1.0** of this HRS documentation record]. EPA encountered evidence of pottery waste fill (i.e., ceramic debris) at 80 of the 85 properties within the documented AOC, including the school [see **Tables 3 and 4** of this HRS documentation record].

As part of its 2023-2024 sampling efforts, EPA collected 16 five-point composite background soil samples from a public property along the Route 1 corridor, approximately 2 miles northeast of the documented extent of historic pottery locations (EPA assigned ID number HP000-P001 to this property), and 11 five-point composite soil samples from a public park located approximately 2 miles west-northwest (EPA had previously collected discrete samples from this property and assigned it ID number HP003-P001) [Refs. 7, p. 2; 12, p. 28; 22, pp. 4, 51–52; see **Figure 1 and Table 2** of this HRS documentation record]. The samples were collected from these site-specific background reference areas to evaluate anthropogenic ambient soil background conditions (i.e., hazardous substance levels that reflect widespread impacts of nonpoint sources, such as historical leaded gasoline emissions) outside the impact area of the site [Ref. 24, pp. 23–24, 33–34, 245]. Location HP000-P001 is vegetated land between developed properties along a 4-lane roadway, and location HP003-P001 is a park surrounded by city streets [Ref. 53, pp. 853, 951; see **Figures 1a and 1b** of this HRS documentation record]. Both locations are beyond the full known extent of former pottery locations, and neither is located directly downwind of the former pottery locations based on the prevailing northwesterly wind direction [Ref. 6, p. 13; 47, p. 1; 48, pp. 2, 39–49; 56, p. 5; see **Figures 1, 1a, and 1b** of this HRS documentation record]. EPA did not encounter pottery waste fill materials (i.e., ceramic debris) in the soils at either background location during the 2023 sampling activities [Ref. 53, pp. 2–16, 843–852, 853, 951]. The highest concentrations of lead reported for the background soil samples were 19.3 mg/kg (laboratory sample ID: 2308018-06) and 126 mg/kg (laboratory sample ID: 2308018-03), respectively, as shown in **Table 2** of this HRS documentation record. The observed contamination soil samples are considered comparable to the background soil samples [see **Section 5.1.0** of this HRS documentation record]. EPA encountered evidence of pottery waste fill (i.e., ceramic debris) at 80 of the 85 properties within the documented AOC, including the school [see **Tables 3 and 4** of this HRS documentation record]. The AOC soil samples showed lead levels equal to or greater than three times the site-specific background level, as shown in **Table 4** of this HRS documentation record; this significant increase in concentrations over anthropogenic ambient soil background conditions is considered at least partially

attributable to the historic potteries that operated in the East Trenton/Top Road area [Refs. 6, p. 11; 33, pp. 1–2, 10–13, 18].

Other possible contributors to the lead contamination in the area include the historical leaded gasoline emissions, waste incineration, lead-based paints, aerosols, and emissions fill materials from other industrial operations including coal combustion, petroleum refining, and a former solder manufacturer [Refs. 6, pp. 6–7; 33, pp. 2, 18]. In addition, the historical maps from the late 19th and early 20th centuries show the emergence of other industries in the area, including coal, rubber, iron, and steel, which could have contributed to lead contamination [Ref. 46, pp. 1, 2, 4; 47, p. 1; 48, pp. 8, 31–38, 50]. EPA has determined that these non-CERCLA sources are not the main sources of lead in the area, and that the pottery fill and airborne releases from the pottery kilns contributed significantly to the lead contamination [Ref. 6, p. 11]. There are several City-owned properties that are being addressed by the state or federal brownfields programs, which may include brownfields grant funding [Ref. 50, pp. 3–5]. Properties being addressed under the state and federal brownfields programs are not included in this proposed listing. In addition, no individuals are documented to be living on those properties.

Hazardous Substances in the Release

Lead

Area of Contamination Hazardous Waste Quantity

2.4.2.1.1 Hazardous Constituent Quantity

The total hazardous constituent quantity for AOC A could not be adequately determined according to the HRS requirements; that is, the total mass of all Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) hazardous substances in AOC A is not known and cannot be estimated with reasonable confidence [Ref. 1, Section 2.4.2.1.1]. Contaminant concentrations are not uniform throughout the AOC and insufficient historical and current data (manifests, potentially responsible party [PRP] records, State records, permits, waste concentration data, etc.) are available to adequately calculate the total or partial mass of all CERCLA hazardous substances associated with AOC A. Therefore, there is insufficient information to calculate a total or partial Hazardous Constituent Quantity estimate for AOC A with reasonable confidence. Scoring proceeds to the evaluation of Tier B, Hazardous Wastestream Quantity [Ref. 1, Section 2.4.2.1.1, Table 5-2].

Hazardous Constituent Quantity Assigned Value: NS
Is Hazardous Constituent Quantity complete? No

2.4.2.1.2 Hazardous Wastestream Quantity

The total hazardous wastestream quantity for AOC A could not be adequately determined according to the HRS requirements; that is, the total mass of all hazardous wastestreams and CERCLA pollutants and contaminants in AOC A is not known and cannot be estimated with reasonable confidence [Ref. 1, Section 2.4.2.1.2]. Contaminant concentrations are not uniform throughout the AOC and insufficient historical and current data (manifests, PRP records, State records, permits, waste concentration data, annual reports, etc.) are available to adequately calculate the total mass of all hazardous wastestreams and CERCLA pollutants and contaminants in AOC A. Therefore, there is insufficient information to adequately calculate the total or partial mass of the wastestream in the AOC. Therefore, there is insufficient information to evaluate the hazardous wastestream quantity for AOC A with reasonable confidence. Scoring proceeds to the evaluation of Tier C, Volume [Ref. 1, Section 2.4.2.1.2, Table 5-2].

Hazardous Wastestream Quantity Assigned Value: NS

2.4.2.1.3 Volume

The available depth information for AOC A is not sufficient to support calculating a volume of contaminated soil with reasonable confidence; therefore, it is not possible to assign a volume (Tier C) in cubic yards (yd³) for the AOC [Ref. 1, Section 2.4.2.1.3]. AOC A is assigned a value of 0 for the volume measure [Ref. 1, Section 2.4.2.1.3]. As a result, scoring proceeds to the evaluation of Tier D, Area [Ref. 1, Section 2.4.2.1.4, Table 5-2].

Volume Assigned Value: 0
Are the data complete for volume quantity for this area? No

2.4.2.1.4 Area

AOC A consists of contaminated soil, which contains hazardous substance concentrations equal to or greater than three times background levels, at a school property and 84 residential properties [see **Table 4** of this HRS documentation record]. The area of observed contamination, excluding impervious surfaces, is not estimated because of the considerable number of properties that comprise AOC A and the unknown extent of impermeable surfaces within those properties. However, the area is known to be greater than 0 square feet.

Sum (ft²): >0

Equation for Assigning Value [Ref. 1, Section 2.4.2.1.4, Table 5-2]: Area (A)/34,000

Area Assigned Value: >0

Area of Contamination Hazardous Waste Quantity Value: >0 [Ref. 1, Section 2.4.2.1.5]

5.1.1 RESIDENT POPULATION THREAT

The resident population threat is evaluated because the AOC is within the property boundary of residences and a school, and within 200 feet of the respective buildings. The soil samples collected from each property were within 200 feet of each respective residence or school [Ref. 1, Section 5.1.1; see **Figures 3 and 3a through 3i** of this HRS documentation record]. All the observed contamination samples summarized in **Table 7** of this HRS documentation record are on properties with students or residents that are eligible to be scored as part of the resident population threat [see **Section 5.1.1** of this HRS documentation record].

5.1.1.1 LIKELIHOOD OF EXPOSURE

As documented in **Section 5.1.0** of this HRS documentation record, observed contamination is established on properties with resident individuals (i.e., persons living or attending school or day care on the property and whose residence, school, or day care center, respectively, is on or within 200 feet of the AOC); therefore, a value of 550 is assigned to the resident population threat likelihood of exposure factor category [Ref. 1, Sections 5.1.1 and 5.1.1.1].

Resident Population Threat Likelihood of Exposure Factor Category Value: 550

5.1.1.2 WASTE CHARACTERISTICS

5.1.1.2.1 Toxicity

The toxicity factor value for the hazardous substance detected in the AOC A samples is summarized in Table 5.

TABLE 5. TOXICITY FACTOR VALUES		
Hazardous Substance	Toxicity Factor Value	References
Lead	10,000	Ref. 2, p. 1

Lead is the only hazardous substance evaluated for AOC A. The toxicity factor value for lead is 10,000 [Refs. 1, Sections 2.4.1.1 and 5.1.1.2.1; 2, p. 1].

Toxicity Factor Value: 10,000

5.1.1.2.2 Hazardous Waste Quantity

TABLE 6. HAZARDOUS WASTE QUANTITY			
Area of Observed Contamination Letter	Type	Area Hazardous Waste Quantity	Area Hazardous Constituent Quantity Complete?
A	Contaminated Soil	Undetermined but greater than zero	No

The hazardous constituent quantity for AOC A is not adequately determined. AOC A is composed of contaminated soil containing elevated lead concentrations, which are greater than or equal to three times the site-specific background levels, at a school and at 84 occupied residential properties [see **Tables 2, 3, and 4** of this HRS documentation record]. The approximate area of observed contamination on each property, excluding impervious surfaces, is not estimated, and contamination is not inferred between sampling points. However, the area is greater than 0 square feet. Per HRS Section 2.4.2.2, the hazardous waste quantity (HWQ) factor value is assigned a default

factor value of 10 for the soil exposure component of the soil exposure and subsurface intrusion pathway [Ref. 1, Section 2.4.2.2, Table 2-6, and Section 5.1.1.2.2].

Hazardous Waste Quantity Factor Value: 10

5.1.1.2.3 Calculation of Waste Characteristics Factor Category Value

The waste characteristics factor category value is determined by multiplying the toxicity and hazardous waste quantity factor values, subject to a maximum product of 1×10^8 , and assigning a value from HRS Table 2-7 based on the product [Ref. 1, Section 5.1.1.2.3]. The product for the site is 1×10^5 which corresponds to a waste characteristics factor category value of 18 in HRS Table 2-7 [Ref. 1, Table 2-7, Section 5.1.1.2.3].

Toxicity Factor Value [see **Table 5** of this HRS documentation record]: 10,000

Hazardous Waste Quantity Factor Value [see **Section 5.1.1.2.2** of this HRS documentation record]: 10

Toxicity Factor Value \times Hazardous Waste Quantity Factor Value: 1×10^5

Waste Characteristics Factor Category Value: 18

5.1.1.3 TARGETS

The individuals whose respective residence, school, day care center, or workplace is both on the property and within 200 feet of a documented AOC are included as resident population threat targets [Ref. 1, Section 5.1.1.3]. All Level II concentration properties within AOC A are occupied [see **Table 7** of this HRS documentation record].

5.1.1.3.1 Resident Individual

Area of Observed Contamination Letter: A

Level of Contamination (Level I/Level II): Level II

As presented in Section 5.1.1.3.2.2, lead meets the criteria for Level II contamination [see **Figure 3** and **Table 7** of this HRS documentation record]. Therefore, a resident individual factor value of 45 is assigned based on the Level II lead contamination [Ref. 1, Section 5.1.1.3.1]

Resident Individual Factor Value: 45

5.1.1.3.2 Resident Population

Resident population is evaluated based on two factors, Level I concentrations and Level II concentrations [Ref. 1, Section 5.1.1.3.2].

5.1.1.3.2.1 Level I Concentrations

As shown in **Table 4** of this HRS documentation record, surface soil sample analyses for a school and 84 occupied residential properties indicate the presence of lead at levels meeting the HRS observed contamination criteria, but EPA has not designated a health-based benchmark for lead in soil for HRS purposes [Refs. 1, Table 2-3, Table 5-3 and Section 5.1.0; 2, p. 2; see **Tables 2 and 4** of this HRS documentation record]. Lead is the only hazardous substance scored in this HRS documentation record. Based on these considerations, the resident population subject to Level I concentrations is 0. For individuals subject to Level I contamination, the appropriate factor value is determined by multiplying the Level I population by 10 [Ref. 1, Section 5.1.1.3.2.1], yielding a factor value of 0.

Level I Concentrations Factor Value: 0

5.1.1.3.2.2 Level II Concentrations

As shown in **Table 4** of this HRS documentation record, surface soil sample analyses for a school and 84 occupied residential properties indicate the presence of lead at levels meeting the HRS observed contamination criteria, but EPA has not designated a health-based benchmark for lead in soil for HRS purposes [Refs. 1, Table 2-3, Table 5-3 and Section 5.1.0; 2, p. 2; see **Tables 2 and 4** of this HRS documentation record]. All samples are located within AOC A [see **Figure 3 and 3a through 3i** of this HRS documentation record]. When known, the actual number of residents is assigned as the Level II population. For each property where the actual number of residents is not known, the Mercer County, New Jersey persons per household value of 2.62 is assigned [Ref. 35, p. 1]. Properties HP001-P063, HP001-P070, HP001-P110, and HP001-P111 are vacant residential or community properties [see **Table 4** of this HRS Documentation Record]; therefore, these four properties are not listed in the table below because there are no resident populations associated with them.

Field Sample ID	Laboratory Sample ID	EPA Property ID	Property Type	Resident Population	References
HP002-P019-SSC001-0002-01	2312044-01	HP002-P019	School	542	28, pp. 9–10, 24–26, 31, 55–57, 77, 81–83, 87; 34, p. 1
HP002-P019-SSC001-0206-01	2312044-02				
HP002-P019-SSC002-0002-01	2401012-17				
HP002-P019-SSC002-0206-01	2401012-18				
HP002-P019-SSC002-0206-02	2401012-19				
HP002-P019-SSC004-0206-01	2401013-02				
HP002-P019-SSC005-0002-01	2401013-06				
HP002-P019-SSC005-0206-01	2401013-07				
HP002-P019-SSC005-0612-01	2401013-08				
HP002-P019-SSC006-0206-01	2401013-12				
HP002-P019-SSC014-0002-01	2312044-17				
HP002-P019-SSC014-0206-01	2312044-18				
HP002-P019-SSC014-0612-01	2312044-19				
HP002-P019-SSC016-0002-01	2312044-24				
HP001-P059-SSC001-0206-02	2309013-10	HP001-P059	Residential	1	23, p. 3; 27, p. 17
HP001-P061-SSC002-1218-01	2310035-20	HP001-P061	Residential	2	23, p. 5; 27, pp. 40–41
HP001-P061-SSC002-1824-01	2310035-21				
HP001-P064-SSC001-0612-01	2310011-20	HP001-P064	Residential	4	23, p. 6; 29, p. 35
HP001-P065-SSC001-0002-01	2310011-23	HP001-P065	Residential	2	23, p. 7; 29, pp. 38–42
HP001-P065-SSC001-0206-01	2310011-24				
HP001-P065-SSC001-0612-01	2310011-25				
HP001-P065-SSC001-1218-01	2310011-26				
HP001-P065-SSC001-1824-01	2310011-27	HP001-P066	Residential	2	23, p. 8; 29, pp. 43–46
HP001-P066-SSC001-0002-01	2310011-28				
HP001-P066-SSC001-0206-01	2310011-29				
HP001-P066-SSC001-0612-01	2310011-30	HP001-P068	Residential	2.62	29, pp. 53–57; 35, p. 1
HP001-P066-SSC001-1218-01	2310011-31				
HP001-P068-SSC001-0002-01	2310011-38				
HP001-P068-SSC001-0206-01	2310011-39				
HP001-P068-SSC001-0206-02	2310011-40				
HP001-P068-SSC001-0612-01	2310011-41	HP001-P069	Residential	2	23, p. 9; 29, pp. 61–64
HP001-P068-SSC001-1218-01	2310011-42				
HP001-P068-SSC001-1824-01	2310011-43				
HP001-P069-SSC001-0002-01	2311049-01	HP001-P071	Residential	1	23, p. 10; 29, pp. 72–76
HP001-P069-SSC001-0206-01	2311049-02				
HP001-P069-SSC001-0206-02	2311049-03				
HP001-P069-SSC001-0612-01	2311049-04				
HP001-P071-SSC001-0002-01	2311049-12	HP001-P071	Residential	1	23, p. 10; 29, pp. 72–76
HP001-P071-SSC001-0206-01	2311049-13				
HP001-P071-SSC001-0206-02	2311049-14				
HP001-P071-SSC001-0612-01	2311049-15				
HP001-P071-SSC001-1218-01	2311049-16				

TABLE 7. LEVEL II CONTAMINATION – POPULATION AOC A

Field Sample ID	Laboratory Sample ID	EPA Property ID	Property Type	Resident Population	References				
HP001-P072-SSC001-0002-01	2311049-18	HP001-P072	Residential	2.62	29, pp. 78–81; 35, p. 1				
HP001-P072-SSC001-0206-01	2311049-19								
HP001-P072-SSC001-0612-01	2311049-20								
HP001-P072-SSC001-1218-01	2311049-21								
HP001-P072-SSC001-1824-01	2311049-22								
HP001-P073-SSC001-0002-01	2311049-23	HP001-P073	Residential	2.62	29, pp. 82–86, 88–95; 35, p. 1				
HP001-P073-SSC001-0206-01	2311049-24								
HP001-P073-SSC001-0206-02	2311049-25								
HP001-P073-SSC001-0612-01	2311049-26								
HP001-P073-SSC001-1218-01	2311049-27								
HP001-P073-SSC002-0002-01	2311049-29								
HP001-P073-SSC002-0206-01	2311049-30								
HP001-P073-SSC002-0612-01	2311049-31								
HP001-P073-SSC002-1218-01	2311049-32								
HP001-P073-SSC002-1824-01	2311049-33								
HP001-P073-SSC003-0002-01	2311049-34								
HP001-P073-SSC003-0206-01	2311049-35								
HP001-P073-SSC003-0612-01	2311049-36								
HP001-P076-SSC001-0002-01	2311049-50					HP001-P076	Residential	3	23, p. 11; 29, pp. 108–112
HP001-P076-SSC001-0206-01	2311049-51								
HP001-P076-SSC001-0612-01	2311049-52								
HP001-P076-SSC001-1218-01	2311049-53								
HP001-P076-SSC001-1824-01	2311049-54								
HP001-P078-SSC001-0002-01	2311049-60	HP001-P078	Residential	2	23, p. 12; 29, pp. 118–120				
HP001-P078-SSC001-0206-01	2311049-61								
HP001-P078-SSC001-0612-01	2311049-62								
HP001-P079-SSC001-0002-01	2311049-70	HP001-P079	Residential	1	23, p. 13; 29, pp. 128–130, 132				
HP001-P079-SSC001-0206-01	2311049-71								
HP001-P079-SSC001-0612-01	2311049-72								
HP001-P079-SSC001-1824-01	2311049-74								
HP001-P080-SSC001-0002-01	2311049-75	HP001-P080	Residential	2	23, p. 14; 29, pp. 132–133				
HP001-P080-SSC001-0206-01	2311049-76								
HP001-P081-SSC001-0002-01	2311049-80	HP001-P081	Residential	2	23, p. 15; 29, pp. 137–140				
HP001-P081-SSC001-0206-01	2311049-81								
HP001-P081-SSC001-0612-01	2311049-82								
HP001-P081-SSC001-1218-01	2311049-83								
HP001-P083-SSC003-0002-01	2312016-13	HP001-P083	Residential	2	23, p. 16; 29, p. 158				
HP001-P085-SSC001-0612-01	2312024-09	HP001-P085	Residential	3	23, p. 17; 29, pp. 213–214, 217–224				
HP001-P085-SSC001-1218-01	2312024-10								
HP001-P085-SSC002-0206-01	2312024-13								
HP001-P085-SSC002-0612-01	2312024-14								
HP001-P085-SSC002-1218-01	2312024-15								
HP001-P085-SSC002-1824-01	2312024-16								
HP001-P085-SSC003-0002-01	2312024-17								
HP001-P085-SSC003-0206-01	2312024-18								
HP001-P085-SSC003-0612-01	2312024-19								
HP001-P085-SSC003-1218-01	2312024-20								
HP001-P086-SSC001-0002-01	2312024-22	HP001-P086	Residential	2	23, p. 18; 29, pp. 226–230				
HP001-P086-SSC001-0206-01	2312024-23								
HP001-P086-SSC001-0206-02	2312024-24								
HP001-P086-SSC001-0612-01	2312024-25								
HP001-P086-SSC001-1218-01	2312024-26								
HP001-P087-SSC001-0002-01	2312024-28	HP001-P087	Residential	1	23, p. 19; 29, pp. 232–234, 236–238				
HP001-P087-SSC001-0206-01	2312024-29								
HP001-P087-SSC001-0612-01	2312024-30								
HP001-P087-SSC002-0002-01	2312024-33								
HP001-P087-SSC002-0206-01	2312024-34								
HP001-P087-SSC002-0612-01	2312024-35								

TABLE 7. LEVEL II CONTAMINATION – POPULATION AOC A

Field Sample ID	Laboratory Sample ID	EPA Property ID	Property Type	Resident Population	References
HP001-P088-SSC001-0002-01	2312016-18	HP001-P088	Residential	2	23, p. 20; 29, pp. 163–167, 169–172, 175–176
HP001-P088-SSC001-0206-01	2312016-19				
HP001-P088-SSC001-0206-02	2312016-20				
HP001-P088-SSC001-0612-01	2312016-21				
HP001-P088-SSC001-1218-01	2312016-22				
HP001-P088-SSC002-0002-01	2312016-24				
HP001-P088-SSC002-0206-01	2312016-25				
HP001-P088-SSC002-0612-01	2312016-26				
HP001-P088-SSC002-1218-01	2312016-27				
HP001-P088-SSC003-0206-01	2312016-30				
HP001-P088-SSC003-0612-01	2312016-31	HP001-P089	Residential	1	23, p. 21; 29, pp. 179–182
HP001-P089-SSC001-0002-01	2312016-34				
HP001-P089-SSC001-0206-01	2312016-35				
HP001-P089-SSC001-0612-01	2312016-36	HP001-P090	Residential	4	23, p. 22; 29, pp. 184–185
HP001-P089-SSC001-1218-01	2312016-37				
HP001-P090-SSC001-0002-01	2312016-39				
HP001-P090-SSC001-0206-01	2312016-40	HP001-P091	Residential	2	23, p. 23; 29, pp. 242–244
HP001-P090-SSC001-0612-01	2312016-41				
HP001-P091-SSC001-0206-01	2312024-39				
HP001-P091-SSC001-0206-02	2312024-40	HP001-P097	Residential	1	23, p. 24; 30, pp. 250–252, 279–284
HP001-P091-SSC001-0612-01	2312024-41				
HP001-P097-SSC001-0002-01	2401011-01				
HP001-P097-SSC001-0206-01	2401011-02				
HP001-P097-SSC001-0206-02	2401011-03				
HP001-P097-SSC001-0612-01	2401011-04				
HP001-P097-SSC001-1218-01	2401011-05				
HP001-P097-SSC001-1824-01	2401011-06				
HP001-P097-SSC002-0002-01	2312046-07				
HP001-P097-SSC002-0206-01	2312046-08				
HP001-P097-SSC002-0612-01	2312046-09	HP001-P099	Residential	2	23, p. 25; 30, pp. 285–287
HP001-P099-SSC001-0002-01	2401011-07				
HP001-P099-SSC001-0206-01	2401011-08				
HP001-P099-SSC001-0612-01	2401011-09	HP001-P102	Residential	2	23, p. 26; 30, pp. 178–181
HP001-P102-SSC001-0002-01	2312045-01				
HP001-P102-SSC001-0206-01	2312045-02				
HP001-P102-SSC001-0612-01	2312045-03	HP001-P103	Residential	1	23, p. 27; 30, pp. 183–184
HP001-P102-SSC001-1218-01	2312045-04				
HP001-P103-SSC001-0002-01	2312045-06				
HP001-P103-SSC001-0206-01	2312045-07	HP001-P104	Residential	2	23, p. 28; 30, pp. 188–192
HP001-P103-SSC001-0206-02	2312045-08				
HP001-P104-SSC001-0002-01	2312045-12				
HP001-P104-SSC001-0206-01	2312045-13				
HP001-P104-SSC001-0612-01	2312045-14				
HP001-P104-SSC001-1218-01	2312045-15	HP001-P106	Residential	2.62	30, pp. 92–96; 35, p. 1
HP001-P104-SSC001-1824-01	2312045-16				
HP001-P106-SSC001-0002-01	2312042-01				
HP001-P106-SSC001-0206-01	2312042-02				
HP001-P106-SSC001-0612-01	2312042-03				
HP001-P106-SSC001-1218-01	2312042-04	HP001-P109	Residential	4	23, p. 31; 29, pp. 263–267
HP001-P106-SSC001-1824-01	2312042-05				
HP001-P109-SSC001-0002-01	2312032-06				
HP001-P109-SSC001-0206-01	2312032-07				
HP001-P109-SSC001-0206-02	2312032-08				
HP001-P109-SSC001-0612-01	2312032-09	HP001-P112	Residential	1	23, p. 32; 29, pp. 269–272, 274
HP001-P109-SSC001-1218-01	2312032-10				
HP001-P112-SSC001-0002-01	2312032-12				
HP001-P112-SSC001-0206-01	2312032-13	HP001-P112	Residential	1	23, p. 32; 29, pp. 269–272, 274
HP001-P112-SSC001-0206-02	2312032-14				

TABLE 7. LEVEL II CONTAMINATION – POPULATION AOC A

Field Sample ID	Laboratory Sample ID	EPA Property ID	Property Type	Resident Population	References
HP001-P112-SSC001-0612-01	2312032-15				
HP001-P112-SSC001-1824-01	2312032-17				
HP001-P113-SSC001-0002-01	2312032-18	HP001-P113	Residential	2	23, p. 33; 29, pp. 275–277, 280–283
HP001-P113-SSC001-0206-01	2312032-19				
HP001-P113-SSC001-0612-01	2312032-20				
HP001-P113-SSC002-0002-01	2312032-23				
HP001-P113-SSC002-0206-01	2312032-24				
HP001-P113-SSC002-0612-01	2312032-25				
HP001-P113-SSC002-1218-01	2312032-26				
HP001-P115-SSC001-0002-01	2312039-12				
HP001-P115-SSC001-0206-01	2312039-13				
HP001-P115-SSC001-0206-02	2312039-14				
HP001-P115-SSC001-0612-01	2312039-15				
HP001-P115-SSC001-1218-01	2312039-16				
HP001-P116-SSC001-0002-01	2401018-01	HP001-P116	Residential	4	23, p. 36; 31, pp. 61–63, 65
HP001-P116-SSC001-0206-01	2401018-02				
HP001-P116-SSC001-0612-01	2401018-03				
HP001-P116-SSC001-1824-01	2401018-05				
HP001-P117-SSC001-0002-01	2312037-16	HP001-P117	Residential	2	23, p. 37; 30, pp. 30–45
HP001-P117-SSC001-0206-01	2312037-17				
HP001-P117-SSC001-0206-02	2312037-18				
HP001-P117-SSC001-0612-01	2312037-19				
HP001-P117-SSC001-1218-01	2312037-20				
HP001-P117-SSC001-1824-01	2312037-21				
HP001-P117-SSC002-0002-01	2312037-22				
HP001-P117-SSC002-0206-01	2312037-23				
HP001-P117-SSC002-0612-01	2312037-24				
HP001-P117-SSC002-1218-01	2312037-25				
HP001-P117-SSC002-1218-02	2312037-26				
HP001-P117-SSC002-1824-01	2312037-27				
HP001-P117-SSC003-0002-01	2312037-28				
HP001-P117-SSC003-0206-01	2312037-29				
HP001-P117-SSC003-0612-01	2312037-30				
HP001-P117-SSC003-1218-01	2312037-31				
HP001-P118-SSC001-0002-01	2401011-12				
HP001-P118-SSC001-0206-01	2401011-13				
HP001-P118-SSC001-0612-01	2401011-14				
HP001-P118-SSC001-1218-01	2401011-15				
HP001-P118-SSC001-1824-01	2401011-16				
HP001-P119-SSC001-0002-01	2312046-12	HP001-P119	Residential	3	23, p. 39; 30, pp. 255–259
HP001-P119-SSC001-0206-01	2312046-13				
HP001-P119-SSC001-0612-01	2312046-14				
HP001-P119-SSC001-1218-01	2312046-15				
HP001-P119-SSC001-1824-01	2312046-16				
HP001-P120-SSC001-0002-01	2312045-17	HP001-P120	Residential	4	23, p. 40; 30, pp. 193–195
HP001-P120-SSC001-0206-01	2312045-18				
HP001-P120-SSC001-0612-01	2312045-19				
HP001-P121-SSC001-0002-01	2312046-17	HP001-P121	Residential	2	23, p. 41; 30, pp. 260–262, 264–268
HP001-P121-SSC001-0206-01	2312046-18				
HP001-P121-SSC001-0612-01	2312046-19				
HP001-P121-SSC001-1218-01	2312046-20				
HP001-P121-SSC002-0002-01	2312046-22				
HP001-P121-SSC002-0206-01	2312046-23				
HP001-P121-SSC002-0206-02	2312046-24				
HP001-P121-SSC002-0612-01	2312046-25				
HP001-P121-SSC002-1218-01	2312046-26				
HP001-P123-SSC001-0206-01	2312043-12	HP001-P123	Residential	4	23, p. 43; 30, pp. 140–143, 199–201, 204–208
HP001-P123-SSC001-0206-02	2312043-13				

TABLE 7. LEVEL II CONTAMINATION – POPULATION AOC A

Field Sample ID	Laboratory Sample ID	EPA Property ID	Property Type	Resident Population	References				
HP001-P123-SSC001-0612-01	2312043-14								
HP001-P123-SSC001-1218-01	2312043-15								
HP001-P123-SSC002-0206-01	2312045-23								
HP001-P123-SSC002-0206-02	2312045-24								
HP001-P123-SSC002-0612-01	2312045-25								
HP001-P123-SSC003-0002-01	2312045-28								
HP001-P123-SSC003-0206-01	2312045-29								
HP001-P123-SSC003-0206-02	2312045-30								
HP001-P123-SSC003-0612-01	2312045-31								
HP001-P123-SSC003-1218-01	2312045-32								
HP001-P124-SSC001-0002-01	2312042-06					HP001-P124	Residential	5	23, p. 44; 30, pp. 97–100, 103–105, 110, 113–115
HP001-P124-SSC001-0206-01	2312042-07								
HP001-P124-SSC001-0206-02	2312042-08								
HP001-P124-SSC001-0612-01	2312042-09								
HP001-P124-SSC002-0002-01	2312042-12								
HP001-P124-SSC002-0206-01	2312042-13								
HP001-P124-SSC002-0612-01	2312042-14								
HP001-P124-SSC003-0612-01	2312042-20								
HP001-P124-SSC004-0002-01	2312042-23								
HP001-P124-SSC004-0206-01	2312042-24								
HP001-P124-SSC004-0612-01	2312042-25								
HP001-P125-SSC001-0002-01	2312039-18	HP001-P125	Residential	2	23, p. 45; 30, pp. 79–82				
HP001-P125-SSC001-0206-01	2312039-19								
HP001-P125-SSC001-0612-01	2312039-20								
HP001-P125-SSC001-1218-01	2312039-21								
HP001-P126-SSC001-0002-01	2401016-06	HP001-P126	Residential	3	23, p. 46; 31, pp. 41–46				
HP001-P126-SSC001-0206-01	2401016-07								
HP001-P126-SSC001-0612-01	2401016-08								
HP001-P126-SSC001-0612-02	2401016-09								
HP001-P126-SSC001-1218-01	2401016-10								
HP001-P126-SSC001-1824-01	2401016-11								
HP001-P127-SSC001-0612-01	2401015-03	HP001-P127	Residential	3	23, p. 47; 31, pp. 18–19, 66–69				
HP001-P127-SSC001-1218-01	2401015-04								
HP001-P127-SSC002-0002-01	2401018-06								
HP001-P127-SSC002-0206-01	2401018-07								
HP001-P127-SSC002-0612-01	2401018-08								
HP001-P127-SSC002-1218-01	2401018-09								
HP001-P128-SSC001-0002-01	2401018-16	HP001-P128	Residential	2	23, p. 48; 31, pp. 76–80				
HP001-P128-SSC001-0206-01	2401018-17								
HP001-P128-SSC001-0206-02	2401018-18								
HP001-P128-SSC001-0612-01	2401018-19								
HP001-P128-SSC001-1218-01	2401018-20								
HP001-P128-SSC001-1824-01	2401018-21								
HP001-P129-SSC001-0002-01	2312045-34	HP001-P129	Residential	3	23, p. 49; 30, pp. 209–211, 214–216, 219–221				
HP001-P129-SSC001-0206-01	2312045-35								
HP001-P129-SSC001-0612-01	2312045-36								
HP001-P129-SSC002-0002-01	2312045-39								
HP001-P129-SSC002-0206-01	2312045-40								
HP001-P129-SSC002-0612-01	2312045-41								
HP001-P129-SSC003-0002-01	2312045-44								
HP001-P129-SSC003-0206-01	2312045-45								
HP001-P129-SSC003-0612-01	2312045-46								
HP001-P130-SSC001-0002-01	2401016-12	HP001-P130	Residential	2.62	31, pp. 47–49, 51–53; 35, p. 1				
HP001-P130-SSC001-0206-01	2401016-13								
HP001-P130-SSC001-0612-01	2401016-14								
HP001-P130-SSC001-1824-01	2401016-16								
HP001-P130-SSC002-0002-01	2401016-17								

TABLE 7. LEVEL II CONTAMINATION – POPULATION AOC A

Field Sample ID	Laboratory Sample ID	EPA Property ID	Property Type	Resident Population	References
HP001-P130-SSC002-0206-01	2401016-18				
HP001-P131-SSC001-0002-01	2401021-01	HP001-P131	Residential	7	23, p. 50; 31, pp. 132–136
HP001-P131-SSC001-0206-01	2401021-02				
HP001-P131-SSC001-0612-01	2401021-03				
HP001-P131-SSC001-1218-01	2401021-04				
HP001-P131-SSC001-1824-01	2401021-05				
HP001-P132-SSC001-0002-01	2401021-06	HP001-P132	Residential	5	23, p. 51; 31, pp. 137–141, 144–146, 150–151
HP001-P132-SSC001-0206-01	2401021-07				
HP001-P132-SSC001-0206-02	2401021-08				
HP001-P132-SSC001-0612-01	2401021-09				
HP001-P132-SSC001-1218-01	2401021-10				
HP001-P132-SSC002-0206-01	2401021-13				
HP001-P132-SSC002-0206-02	2401021-14				
HP001-P132-SSC002-0612-01	2401021-15				
HP001-P132-SSC003-0206-01	2401021-19				
HP001-P132-SSC003-0612-01	2401021-20				
HP001-P133-SSC001-0206-01	2401021-29				
HP001-P133-SSC001-0206-02	2401021-30				
HP001-P133-SSC001-0612-01	2401021-31				
HP001-P133-SSC001-1218-01	2401021-32				
HP001-P135-SSC001-0002-01	2401019-21	HP001-P135	Residential	11	23, p. 53; 31, pp. 111–120
HP001-P135-SSC001-0206-01	2401019-22				
HP001-P135-SSC001-0612-01	2401019-23				
HP001-P135-SSC001-1218-01	2401019-24				
HP001-P135-SSC001-1824-01	2401019-25				
HP001-P135-SSC002-0002-01	2401019-26				
HP001-P135-SSC002-0206-01	2401019-27				
HP001-P135-SSC002-0612-01	2401019-28				
HP001-P135-SSC002-1218-01	2401019-29				
HP001-P135-SSC002-1824-01	2401019-30				
HP001-P136-SSC001-0206-01	2401021-40	HP001-P136	Residential	5	23, p. 54; 31, pp. 170–171
HP001-P136-SSC001-0612-01	2401021-41				
HP001-P137-SSC001-0002-01	2401021-44	HP001-P137	Residential	3	23, p. 55; 31, pp. 121–125, 174–179
HP001-P137-SSC001-0206-01	2401021-45				
HP001-P137-SSC001-0206-02	2401021-46				
HP001-P137-SSC001-0612-01	2401021-47				
HP001-P137-SSC001-1218-01	2401021-48				
HP001-P137-SSC001-1824-01	2401021-49				
HP001-P137-SSC002-0002-01	2401019-31				
HP001-P137-SSC002-0206-01	2401019-32				
HP001-P137-SSC002-0206-02	2401019-33				
HP001-P137-SSC002-0612-01	2401019-34				
HP001-P137-SSC002-1218-01	2401019-35				
HP001-P139-SSC001-0002-01	2401021-50	HP001-P139	Residential	2	23, p. 56; 31, pp. 180–181, 184–186, 189–191
HP001-P139-SSC001-0206-01	2401021-51				
HP001-P139-SSC002-0002-01	2401021-55				
HP001-P139-SSC002-0206-01	2401021-56				
HP001-P139-SSC002-0612-01	2401021-57				
HP001-P139-SSC003-0002-01	2401021-60				
HP001-P139-SSC003-0206-01	2401021-61				
HP001-P139-SSC003-0612-01	2401021-62				
HP001-P140-SSC001-0002-01	2401021-65	HP001-P140	Residential	5	23, p. 57; 31, pp. 194–196, 199–202
HP001-P140-SSC001-0206-01	2401021-66				
HP001-P140-SSC001-0612-01	2401021-67				
HP001-P140-SSC002-0002-01	2401021-70				
HP001-P140-SSC002-0206-01	2401021-71				
HP001-P140-SSC002-0612-01	2401021-72				

TABLE 7. LEVEL II CONTAMINATION – POPULATION AOC A

Field Sample ID	Laboratory Sample ID	EPA Property ID	Property Type	Resident Population	References
HP001-P140-SSC002-1218-01	2401021-73				
HP002-P006-SSC001-0002-01	2312037-33	HP002-P006	Residential	2	23, p. 74; 30, pp. 47–51
HP002-P006-SSC001-0206-01	2312037-34				
HP002-P006-SSC001-0612-01	2312037-35				
HP002-P006-SSC001-1218-01	2312037-36				
HP002-P006-SSC001-1824-01	2312037-37				
HP002-P007-SSC001-0002-01	2312032-28	HP002-P007	Residential	2	23, p. 75; 29, p. 285–288
HP002-P007-SSC001-0206-01	2312032-29				
HP002-P007-SSC001-0612-01	2312032-30				
HP002-P007-SSC001-1218-01	2312032-31				
HP002-P008-SSC001-0002-01	2312037-38	HP002-P008	Residential	2	23, p. 76; 30, pp. 52–56, 58–61
HP002-P008-SSC001-0206-01	2312037-39				
HP002-P008-SSC001-0612-01	2312037-40				
HP002-P008-SSC001-0612-02	2312037-41				
HP002-P008-SSC001-1218-01	2312037-42				
HP002-P008-SSC001-1824-01	2312037-43				
HP002-P008-SSC002-0206-01	2312037-45				
HP002-P008-SSC002-0612-01	2312037-46				
HP002-P008-SSC002-1218-01	2312037-47				
HP002-P008-SSC002-1824-01	2312037-48				
HP002-P009-SSC001-0002-01	2312043-17	HP002-P009	Residential	6	23, p. 77; 30, pp. 145–149
HP002-P009-SSC001-0206-01	2312043-18				
HP002-P009-SSC001-0612-01	2312043-19				
HP002-P009-SSC001-1218-01	2312043-20				
HP002-P009-SSC001-1824-01	2312043-21				
HP002-P010-SSC001-0206-01	2312043-23	HP002-P010	Residential	4	23, p. 78; 30, pp. 151–153
HP002-P010-SSC001-0612-01	2312043-24				
HP002-P010-SSC001-1218-01	2312043-25				
HP002-P011-SSC001-0206-01	2312045-50	HP002-P011	Residential	2.62	30, pp. 225–227; 35, p. 1
HP002-P011-SSC001-0612-01	2312045-51				
HP002-P011-SSC001-1218-01	2312045-52				
HP002-P012-SSC001-0002-01	2312045-54	HP002-P012	Residential	4	23, p. 79; 30, pp. 229–231
HP002-P012-SSC001-0206-01	2312045-55				
HP002-P012-SSC001-0612-01	2312045-56				
HP002-P013-SSC001-0002-01	2312045-59	HP002-P013	Residential	2.62	30, pp. 234–237; 35, p. 1
HP002-P013-SSC001-0206-01	2312045-60				
HP002-P013-SSC001-0612-01	2312045-61				
HP002-P013-SSC001-1218-01	2312045-62				
HP002-P013-SSC001-1824-01	2312045-63				
HP002-P014-SSC001-0002-01	2312039-23	HP002-P014	Residential	1	23, p. 80; 30, pp. 84–88
HP002-P014-SSC001-0206-01	2312039-24				
HP002-P014-SSC001-0612-01	2312039-25				
HP002-P014-SSC001-1218-01	2312039-26				
HP002-P014-SSC001-1824-01	2312039-27				
HP002-P015-SSC001-0206-01	2401016-23	HP002-P015	Residential	8	23, p. 81; 31, pp. 21–25, 57–60, 284–286
HP002-P015-SSC001-0612-01	2401016-24				
HP002-P015-SSC001-1218-01	2401016-25				
HP002-P015-SSC001-1824-01	2401016-26				
HP002-P015-SSC002-0002-01	2401015-06				
HP002-P015-SSC002-0206-01	2401015-07				
HP002-P015-SSC002-0612-01	2401015-08				
HP002-P015-SSC002-1218-01	2401015-09				
HP002-P015-SSC002-1824-01	2401015-10				
HP002-P015-SSC003-0612-01	2402012-20				
HP002-P015-SSC003-1218-01	2402012-21				
HP002-P015-SSC003-1824-01	2402012-22				
HP002-P016-SSC001-0002-01	2312043-27	HP002-P016	Residential	1	23, p. 82; 30, pp. 155–158
HP002-P016-SSC001-0206-01	2312043-28				

TABLE 7. LEVEL II CONTAMINATION – POPULATION AOC A

Field Sample ID	Laboratory Sample ID	EPA Property ID	Property Type	Resident Population	References
HP002-P016-SSC001-0612-01	2312043-29				
HP002-P016-SSC001-1218-01	2312043-30				
HP002-P016-SSC001-1824-01	2312043-31				
HP002-P017-SSC001-0002-01	2401018-27	HP002-P017	Residential	1	23, p. 83; 31, pp. 86–89
HP002-P017-SSC001-0206-01	2401018-28				
HP002-P017-SSC001-0206-02	2401018-29				
HP002-P017-SSC001-0612-01	2401018-30				
HP002-P018-SSC001-0002-01	2401019-37	HP002-P018	Residential	1	23, p. 84; 31, pp. 127–131
HP002-P018-SSC001-0206-01	2401019-38				
HP002-P018-SSC001-0612-01	2401019-39				
HP002-P018-SSC001-0612-02	2401019-40				
HP002-P018-SSC001-1218-01	2401019-41				
HP002-P018-SSC001-1824-01	2401019-42				
HP002-P020-SSC001-0002-01	2401021-75	HP002-P020	Residential	2.62	31, pp. 204–208; 35, p. 1
HP002-P020-SSC001-0206-01	2401021-76				
HP002-P020-SSC001-0612-01	2401021-77				
HP002-P020-SSC001-1218-01	2401021-78				
HP002-P020-SSC001-1824-01	2401021-79				
HP002-P062-SSC001-0612-01	2310011-03	HP002-P062	Residential	3	23, p. 58; 29, pp. 19–22
HP002-P062-SSC001-0612-02	2310011-04				
HP002-P062-SSC001-1218-01	2310011-05				
HP002-P062-SSC001-1824-01	2310011-06				
HP002-P067-SSC001-0002-01	2310011-33	HP002-P067	Residential	1	23, p. 59; 29, pp. 48–52
HP002-P067-SSC001-0206-01	2310011-34				
HP002-P067-SSC001-0612-01	2310011-35				
HP002-P067-SSC001-1218-01	2310011-36				
HP002-P067-SSC001-1824-01	2310011-37				
HP002-P074-SSC001-0002-01	2311049-39	HP002-P074	Residential	1	23, p. 60; 29, pp. 98–100
HP002-P074-SSC001-0206-01	2311049-40				
HP002-P074-SSC001-0206-02	2311049-41				
HP002-P075-SSC001-0002-01	2311049-45	HP002-P075	Residential	1	23, p. 61; 29, pp. 104–107
HP002-P075-SSC001-0206-01	2311049-46				
HP002-P075-SSC001-0612-01	2311049-47				
HP002-P075-SSC001-1218-01	2311049-48				
HP002-P075-SSC001-1824-01	2311049-49				
HP002-P077-SSC001-0002-01	2311049-55	HP002-P077	Residential	1	23, p. 62; 29, pp. 113–114
HP002-P077-SSC001-0206-01	2311049-56				
HP002-P082-SSC001-0002-01	2312016-44	HP002-P082	Residential	1	23, p. 63; 29, p. 188–191
HP002-P082-SSC001-0206-01	2312016-45				
HP002-P082-SSC001-0612-01	2312016-46				
HP002-P082-SSC001-1218-01	2312016-47				
HP002-P084-SSC002-0002-01	2312016-54	HP002-P084	Residential	3	23, p. 64; 29, pp. 198–199
HP002-P084-SSC002-0206-01	2312016-55				
HP002-P093-SSC001-0002-01	2312024-44	HP002-P093	Residential	2	23, p. 66; 29, pp. 247–249
HP002-P093-SSC001-0206-01	2312024-45				
HP002-P093-SSC001-0612-01	2312024-46				
HP002-P094-SSC001-0206-01	2312024-50	HP002-P094	Residential	4	23, p. 67; 29, pp. 253–256
HP002-P094-SSC001-0612-01	2312024-51				
HP002-P094-SSC001-1218-01	2312024-52				
HP002-P094-SSC001-1824-01	2312024-53				
HP002-P095-SSC001-0206-01	2312043-33	HP002-P095	Residential	1	23, p. 68; 30, pp. 160–163
HP002-P095-SSC001-0206-02	2312043-34				
HP002-P095-SSC001-0612-01	2312043-35				
HP002-P095-SSC001-1218-01	2312043-36				
HP002-P096-SSC001-0002-01	2312043-38	HP002-P096	Residential	4	23, p. 69; 30, pp. 165–170
HP002-P096-SSC001-0206-01	2312043-39				
HP002-P096-SSC001-0206-02	2312043-40				

TABLE 7. LEVEL II CONTAMINATION – POPULATION AOC A					
Field Sample ID	Laboratory Sample ID	EPA Property ID	Property Type	Resident Population	References
HP002-P096-SSC001-0612-01	2312043-41				
HP002-P096-SSC001-1218-01	2312043-42				
HP002-P096-SSC001-1824-01	2312043-43				
HP002-P098-SSC001-0002-01	2312043-44	HP002-P098	Residential	2	23, p. 70; 30, pp. 171–174
HP002-P098-SSC001-0206-01	2312043-45				
HP002-P098-SSC001-0612-01	2312043-46				
HP002-P098-SSC001-1218-01	2312043-47				
HP002-P100-SSC001-0002-01	2312045-64	HP002-P100	Residential	1	23, p. 71; 30, pp. 238–240, 243
HP002-P100-SSC001-0206-01	2312045-65				
HP002-P100-SSC001-0206-02	2312045-66				
HP002-P100-SSC001-1824-01	2312045-69				
HP002-P101-SSC001-0002-01	2312042-28	HP002-P101	Residential	3	23, p. 72; 30, pp. 118–122
HP002-P101-SSC001-0206-01	2312042-29				
HP002-P101-SSC001-0612-01	2312042-30				
HP002-P101-SSC001-1218-01	2312042-31				
HP002-P101-SSC001-1824-01	2312042-32				
HP002-P105-SSC001-0206-01	2312042-34	HP002-P105	Residential	1	23, p. 73; 30, pp. 124–127
HP002-P105-SSC001-0612-01	2312042-35				
HP002-P105-SSC001-1218-01	2312042-36				
HP002-P105-SSC001-1824-01	2312042-37				

Sum of individuals subject to Level II concentrations: 768.96 persons [Ref. 1, Section 5.1.1.3.2.2].

Level II Concentrations Factor Value: 768.96

5.1.1.3.2.3 Calculation of Resident Population Factor Value

The sum of the Level I concentrations factor value and Level II concentrations factor value is assigned as the resident population factor value [Ref. 1, Section 5.1.1.3.2.3].

Level I Concentrations Factor Value: 0

Level II Concentrations Factor Value: 768.96

Level I Concentrations Factor Value + Level II Concentrations Factor Value: 0 + 768.96 = 768.96

Resident Population Factor Value: 768.96

5.1.1.3.3 Workers

Workers who work on a property within AOC A and whose workplace area is on or within 200 feet of the AOC are evaluated as targets [Ref. 1, Section 5.1.1.3]. There are 45 full-time faculty at the school property (HP019) that is within AOC A, and the workplace (i.e., the school) is located within 200 feet of the observed contamination [Ref. 34, p. 1; see **Tables 3, 4, and 7** of this HRS documentation record].

TABLE 8. WORKERS				
AOC Letter	Field Sample ID	EPA Property ID	Number of Workers	References
A	HP002-P019-SSC001-0002-01 HP002-P019-SSC001-0206-01 HP002-P019-SSC002-0002-01 HP002-P019-SSC002-0206-01 HP002-P019-SSC002-0206-02 HP002-P019-SSC004-0002-01	HP002-P019 (Grant School)	45	28, pp. 9–10, 24–26, 31–36, 55–57, 76–77, 81–83, 87; 34, p. 1

TABLE 8. WORKERS				
AOC Letter	Field Sample ID	EPA Property ID	Number of Workers	References
	HP002-P019-SSC004-0206-01 HP002-P019-SSC005-0002-01 HP002-P019-SSC005-0206-01 HP002-P019-SSC005-0612-01 HP002-P019-SSC006-0206-01 HP002-P019-SSC014-0002-01 HP002-P019-SSC014-0206-01 HP002-P019-SSC014-0612-01 HP002-P019-SSC016-0002-01 HP002-P019-SSC016-0206-01 HP002-P019-SSC016-0206-02 HP002-P019-SSC016-0612-01 HP002-P019-SSC016-1218-01 HP002-P019-SSC016-1824-01			

Based on these considerations, the 45 faculty personnel are evaluated as targets and a value of 5 is assigned for the workers factor [Ref. 1, Section 5.1.1.3.3 and Table 5-4].

Workers Factor Value: 5

5.1.1.3.4 Resources

The available information does not document resource use in AOC A. Therefore, a value of 0 is assigned for the resources factor [Ref. 1, Section 5.1.1.3.4].

Resources Factor Value: 0

5.1.1.3.5 Terrestrial Sensitive Environments

The available information does not document the presence of any terrestrial sensitive environments in AOC A [Ref. 13, pp. 5–10]. Therefore, a value of 0 is assigned for the terrestrial sensitive environments factor [Ref. 1, Section 5.1.1.3.5].

Terrestrial Sensitive Environments Factor Value: 0

5.1.1.3.6 Calculation of Resident Population Targets Factor Category Value

The sum of the values for the resident individual, resident population, workers, resources, and terrestrial sensitive environments factors is assigned as the targets factor category value for the resident population threat [Ref. 1, Section 5.1.1.3.6].

Resident Individual Factor Value: 45
Resident Population Factor Value: 768.96
Workers Factor Value: 5
Resources Factor Value: 0
Terrestrial Sensitive Environments Factor Value: 0

Resident Individual Factor Value + Resident Population Factor Value + Workers Factor Value + Resources Factor Value + Terrestrial Sensitive Environments Factor Value: $45 + 768.96 + 5 + 0 + 0 = 818.96$

Resident Population Targets Factor Category Value: 818.96

5.1.2 NEARBY POPULATION THREAT

The nearby population threat was not scored. However, the nearby population threat is of concern to EPA and may be considered during a future evaluation. EPA identified ceramic debris and lead contamination on public properties, including parks that are accessible to the public during the 2023-2024 sampling activities at the Historic Potteries site [Refs. 22, pp. 66–73; lab package; 31, pp. 11–14, 210–299; 53, pp. 512–525, 691–756, 954–956]. EPA is continuing its investigation of the site, which may include sampling of additional residential and public properties in the Historic Potteries site area.