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Basis of Design Report (30%) Design Stage
Operable Unit Two (OU2)
Standard Chlorine of Delaware Superfund Site
New Castle, New Castle County, Delaware

APPENDIX A:
Data Gap Investigation

Table of Contents

1 Introduction 1-1

2 Data Objectives 2-1

3 Field Activities Preparation 3-1

4 Field Activities 4-1

4.1 Mobilization 4-1

4.2 Sample Collection Methods 4-1

4.3 Sampling Rationale 4-1

4.3.1 Data Gap Samples 4-3

4.3.2 Treatability Sample Collection 4-4

5 Investigation Results 5-1

5.1 Total Benzene and Chlorinated Benzenes in Wetlands 5-1

5.2 DNAPL Horizontal and Vertical Delineation in Wetlands 5-3

5.3 Metals Exceedances and Chromium Speciation 5-4

5.4 Upland Soils and Western Drainage Pathway 5-5

6 Findings 6-1

7 References 7-1

Tables

Table 1: Summary of Sampling Locations and Depths.

Table 2. Summary of Total Benzene and Chlorobenzene Concentrations

Table 3: Summary of Volatile and Semi-volatile Organic Compounds in Wetlands

Table 4: Summary of Metals Results

Attachments

Attachment A: Photographic Log

Attachment B: Borings Logs

Attachment C: Analytical Summary

Figure

Figure 1: General Site Layout

Figure 2: DG and TS Sampling Location

Figure 3: Sampling Set up Diagram

Figure 4a: Sampling Location Map, Drainage Gully

Figure 4b: Sampling Location Map, Red Lion Creek

Figure 4c: Sampling Location Map, South Berm

Figure 4d: Sampling Location Map, Western Wetland

1 Introduction

AECOM has been contracted (Contract no. 68HE0318D0002) by the EPA (Task Order no. 68HE0323F0050) to develop remedial design for Operable Unit (OU) 2 - spill pathway soils and wetland sediments in accordance with the September 2022 Record of Decision (ROD) amendment. The remedy selected for the Standard Chlorine of Delaware Inc. Superfund Site (SCD or Site) involves excavation of soil and sediment, on-Site treatment via low temperature thermal desorption (LTTD), in-situ enhanced bioremediation, and metals stabilization.

As part of the Quality Control Project Plan (QAPP), AECOM prepared a technical memorandum (memo) to summarize document reviews, identify data gaps, and the recommend a sediment and soil sampling approach to help address the data gaps at OU2 (AECOM, 2023a). This Data Gap Technical Memorandum sought to identify potential gaps in existing analytical data to better bound horizontal and vertical extent of remediation areas in OU2 and recommended a suite of sampling to further bound the remedial extent relative to the primary remedial action level (RAL) and the remedial goals (RGs). The intent of this memo is to describe the results from the Data Gap Investigation fieldwork, activities, and briefly review our findings.

2 Data Objectives

The primary purpose of the Data Gap Investigation was to understand if the remedial extent could be adequately bounded based on the applicable RAL and RGs. Specific objectives were to:

1. Collect soil, sediment, and porewater samples in areas of known hotspots to bound the extent of chlorobenzenes, metals, and other semi-volatile organic compounds (SVOCs) and determine the final total volume of contaminated material.
2. Use newly collected soil, sediment, and porewater data as well as historical data, when appropriate, to refine areas to be remediated.
3. Define the extent of chromium contamination and chromium speciation [Cr(III) or CR(VI)].
4. Collect representative soil and sediment from the site for use in and to inform the treatability study parameters (including stabilization agent composition, bioreactive components, and desorption temperatures).
5. Collect pore water samples from multiple wetlands areas to determine the placement of Pilot Test plots.

Geotechnical boring samples recommended within the previous Data Gap Technical Memorandum were collected using a GeoProbe with an auger drill attachment at nine locations (six within the wetlands, three in the upland) within the OU2 boundaries (AECOM, 2023a). A separate Geotechnical Report, prepared as part of the Basis of Design Report, discusses the geotechnical field activities and results.

3 Field Activities Preparation

Prior to the start of field activities, several site-specifc project plans, including a QAPP, an Accident Prevention Plan (APP), Data Management Plan (DMP), Treatability Study Workplan (TSWP), and Waste Management Plan (WMP) were submitted to and approved by the U.S Environmental Protection Agency (EPA) (AECOM, 2023a-e; AECOM, 2024). Department of Natural Resources and Environmental Control (DNREC) and EPA were given notice on November 3rd, 2023 of the intended work areas, and final site walk was conducted by DNREC on November 6th, 2023 to remove any existing DNREC equipment. Miss Utility tickets were obtained for all subsurface locations, and clearance was granted. Additional permission was obtained from the Delaware City Refinery to access two sampling points on the northwestern property boundary.

4 Field Activities

All field activities relevant to the Data Gap Investigation are described below and were performed in accordance with site-specific plans (AECOM, 2023b-f). A photographic log of these activities with associated descriptions and dates is available in **Attachment A - Photographic Log.**

4.1 Mobilization

AECOM and its subcontractor, BrightFields Inc., cleared previously established access routes leading to the wetlands between November 8 through November 17, 2023. Two inches of Gravel was placed to level the ground along the haul routes to improve stability and construct heavy equipment staging areas at the entrance to the Northern Wetland. Additionally, a new route was cleared in the Southwestern sample corridor by clearing phragmites and underbrush, providing a pathway to the designated sampling locations south of the berm (**Figure 1**).

Wetland access was established by placing approximately ~1,680 linear feet of high density polyethylene (HDPE) heavy equipment mats in the wetlands. An additional 50 smaller mats were required on the southwestern side due to rainy conditions and elevated water level within the wetlands.

Utility clearance was provided by BrightFields, Inc. All subsurface sample locations exceeding 2 ft below ground surface (bgs) were first cleared by calling Miss Utility, then scanned using Ground Penetrating Radar, and finally hand cleared to 6 ft bgs prior to drilling activities.

4.2 Sample Collection Methods

Sampling containers were provided by Eurofins or ordered through a Level 3 EPA certified vendor prior to the start of work. When sampling equipment was not dedicated to an individual site, decontamination included a triple rinse with tap water, followed by a scrub with alconox and deionized water, rinsed three times with deionized water, and finally rinsed with >99% methanol in accordance with the procedures described in the QAPP. Decontaminated equipment was stored wrapped in aluminum foil when not in use. All waste rinsate, excess soil/sediment, and other investigation derived waste was containerized and managed per the site-specific Waste Management Plan (AECOM, 2023e). Sample locations were recorded by a handheld global positioning system and all final sampling locations are depicted in **Figure 2**.

4.3 Sampling Rationale

Data Gap and Treatability Study Sample Collection began on November 28th, 2023 and continued through January 6th, 2024. Samples within this section were collected primarily to verify the vertical extent of contamination, provide a further understanding of the northern reach

of contaminated material, and to evaluate chromium speciation. These data gap sampling locations are shown in Figure 2 and included:

1. Twelve (12) locations (DG-01 to DG-08, DG-11 to DG-13, and 0-2 ft at TS-04) were selected to collect surficial hydric soil/sediment data (0-2 ft) on total benzene and chlorinated benzene compounds (TBC) to refine the remedial extent in the northern portion of the Western Wetlands, the Northern Wetlands, and the Red Lion Creek.
2. Six (6) locations (DG-09, DG-10, DG-12, DG-14, DG-15, and DG-18) were drilled primarily to collect subsurface (0-20 ft) hydric soil/sediment data on DNAPL-associated compounds to refine/confirm areas of principal threat waste in the Western Wetlands.
3. Five (5) locations (DG-07, DG-10, DG-11, DG-14, and TS-04) were sampled to collect surficial data (0-2 ft) on chromium speciation to ascertain the applicability of the 4000 µg/kg criterion based on human health concern for hexavalent chromium. The proposed locations were selected to cover a range of total chromium concentrations at spatially representative areas throughout the Western Wetlands.
4. Four (4) additional locations (DG-16, DG-17, DG-19, and DG-20) in the upland areas were sampled to collect near surface data (0-7 ft) on TBC. Two of the locations were proposed within two former soil pile storage areas (DG-16 and DG-17 in the northern and southern areas, respectively) and two locations (DG-19 and DG-20) in the Western Drainage Gulley.
5. Six (6) locations (PW-01 through PW-06) were sampled to collect porewater data on DNAPL-associated compounds to confirm locations for pilot plot installation.

Additional samples were collected for the Treatability Studies to identify locations to obtain subsequent site material for bench and pilot testing. These samples included:

1. Eight (8) locations (TS-01 – TS-08, from 0-10 ft) for the initial characterizations of known contaminated areas with relatively elevated concentrations of both TBC and metals for Treatability Studies.
2. Two (2) soils test pits (15 CY each) to provide test material for the treatability studies bench testing. The locations of the test pits will be based on the above eight borehole locations depending on lab results.

Though these samples have distinct rationale, some Data Gap and Treatability Samples were co-located to achieve sampling efficiencies and avoid drilling multiple locations. In areas where this occurred, both sample names were retained, and unique analytes across each sample were further retained. Table 1 summarizes samples collected, coordinates, co-located borings. For samples proposed with different terminal depths (ex. a 0-10 ft boring co-located with a 0-20 ft

boring), **Figure 3** depicts how co-occuring locations and intervals were homogenized and sampled. Borings logs for for these locations are provided as **Attachment B**.

Table 1: Summary of Sampling Locations and Depths.

Data Gap	Treatability Studies	Total Depth (ft)	Latitude	Longitude
DG-01		0-2	39.6052131	-75.633486
DG-02		0-2	39.60478	-75.633161
DG-03		0-2	39.6044492	-75.633119
DG-04		0-2	39.605009	-75.634082
DG-05		0-2	39.6046038	-75.633961
DG-06		0-2	39.6050907	-75.634853
DG-07		0-2	39.6053217	-75.635616
DG-08		0-2	39.6044231	-75.635637
DG-09		0-20	39.605117	-75.636247
DG-10	TS-06	0-20	39.604515	-75.636589
DG-11		0-2	39.6040163	-75.636792
DG-12		0-20	39.605249	-75.637084
DG-13		0-1	39.6053136	-75.637871
DG-14	TS-07	0-20	39.6031886	-75.637191
DG-15		0-20	39.6026907	-75.637463
DG-16		0-7	39.602691	-75.636834
DG-17		0-7	39.6021968	-75.637304
DG-18	TS-08	0-20	39.6018736	-75.638066
DG-19		0-7	39.6014681	-75.637694
DG-20		0-7	39.6013647	-75.63698
	TS-01	0-10	39.6047898	-75.635508
	TS-02	0-10	39.6050028	-75.635865
	TS-03	0-8	39.605053	-75.63681
	TS-04	0-8	39.605169	-75.637931
	TS-05	0-10	39.603671	-75.63681

4.3.1 Data Gap Samples

4.3.1.1 Soil/Sediment Sampling

A total of 20 data gap (DG) locations noted in Table 1 were sampled between November 28th and December 15th 2023 in accordance with the Data Gap Memo recommendations and the site specific QAPP (AECOM, 2023a).

Shallow samples DG-01 through DG-08, DG-11, DG-12, and DG-13 were obtained at the proposed depth of two feet bgs using a WILDCO sampler with samples collected at one foot intervals. However, due to the moisture of the material and loss during coring, DG-13 yielded only one foot of material. Shallow samples (0-2 ft) were sampled for volatile organic compounds (VOCs), SVOCs, metals, polychlorinated biphenyls (PCBs) (homologs), and moisture content. Deeper samples extending from 0-7 ft and 0-20 ft bgs were obtained using a direct-push drill rig. Specifically, DG-16, DG-17, DG-19, and DG-20 were obtained from seven-foot borings from the southwestern upland drainage pathways, with samples extracted at one-foot intervals for VOCs, SVOCs, metals, PCBs (homologs), and moisture content. DG-09, DG-10, DG-12, DG-14, DG-15, and DG-18 were sampled to 20-foot depths, with samples collected every two feet and analyzed for VOCs, SVOCs, PCBs (homologs), and moisture content.

In addition to the analytes above, four of the Data Gap locations overlapped with locations identified for chromium speciation (Cr [III], Cr [VI]) and delineation where a chromium sample was collected from the the 0-2 ft interval. These locations included DG-07, DG-10, DG-11, and DG-14.

4.3.1.2 Porewater Sampling

Six porewater sample locations (PW-01 – PW-06) were identified in the Data Gap memo after examination of previous porewater sampling events conducted for the bioreactive plot testing performed by the USGS. EON Products Inc. dual-membrane diffusion bag passive samplers were installed within 3” slotted PVC soil canisters at each of the six locations during early February 2024. Due to volume requirements from laboratories, four EON Product Inc. dual-membrane diffusion bags were deployed at each location. These six locations were sampled for VOCs, SVOC, DOC, Metals, and PCBs (congeners) to provide sufficient data for future on-site pilot testing. As of the date of writing this memo AECOM has not received the results for the pore water samples. These results will be incorporated into the Biobarrier Design.

4.3.2 Treatability Sample Collection

A total of eight 10-ft boring locations labeled as TS-01 through TS-08 were sampled for VOCs, SVOCs, Metals, PCBs (Aroclors), TOC, Loss of Ignition, BTU, and Proximate/Ultimate Analysis using a direct-push drill rig for the initial characterization for treata

bility studies in accordance with the Treatability Study Workplan and Data Gap Memo recommendations (AECOM 2023d, 2023a) during late November to mid-December 2023. However, TS-04 only sustained recovery to seven feet due to loss of sandy material from 7-10 ft. The treatability study locations span across the Northern to Southwestern side of the wetland and were selected to target areas with historically elevated concentrations of both total benzene/chlorobenzene and metals.

Three proposed Treatability Sample locations overlap with previously defined Data Gap Investigation samples [DG-10 (TS-06), DG-14 (TS-07), and DG-18 (TS-08)]. It should be noted that the DG/TS notation only overlaps for the initial 0-10 ft bgs, as that is the extent of the recommended Treatability Study characterization sample. Data Gap samples DG-10, DG-14, and DG-18 continue to a terminal depth of 20 ft in order to delineate the vertical extent of contamination. Where Treatability Sample locations overlapped with Data Gap Investigation locations, samples were not duplicated, though all analytes from both the Data Gap and Treatability Study lists were collected.

Two test pit locations (TS-01 and TS-03) were selected based on the results from the treatability study borings. Excavation began on January 22nd and concluded on January 23rd, 2024. Approximately 1.5 feet of root mats were removed using the excavator to mitigate the overall amount of organic mass. Subsequently, a plot was excavated at each pit, yielding a total excavation volume of 15 cubic yards. The material was transported to the staging area, where the material was deposited into two vacuum-assisted roll-off containers each lined with dewatering fabric. One roll-off received material from TS-01 while the other received from TS-03. Decanted water from each roll off was pumped out and into a 250 gallon tote then transported to and properly diposed off at the on-site water treatment facility. As this material was obtained for the purposes of furthering the Treatability bench and pilot studies, these results will be discussed in the future Treatability Study Report.

5 Investigation Results

The Data Gap Investigation results, obtained from approved Tier IV and EPA CLP laboratories per the sample collection outline in the TSWP and the QAPP are available in their entirety as **Attachment C - Analytical Summary.** A summary of the key results relevant to the primary data objectives as they were defined is presented below.

5.1 Total Benzene and Chlorinated Benzenes in Wetlands

Previous site investigations conducted between 2002 and 2007 from a total of 122 locations throughout Red Lion Creek, the Eastern Wetland, and the Unnamed Tributary/Wetland areas resulted in a conclusion that contamination was widespread, with total chlorobenzene concentrations in surface soils (< 2 ft bgs) ranging from non-detect to 5,000,000 µg/kg in the area directly north of the containment berm. Further sampling conducted from 2013 to 2014 at 80 locations within the OU2 area confirmed the previous surface-level contamination concentrations observed, but also indicated a TBC range of non-detect to 16,212,000 µg/kg present at depths up to 33 ft bgs (HGL, 2020; EPA, 2022).

This sampling event, comprised of a total of 25 unique locations determined that site TBC concentrations range from non-detect (TS-04) to 176,895,000 µg/kg (DG-09), with an average TBC concentration of 4,011,000 µg/kg. Four of the five highest total TBC detections occur in the Western Wetland north of the containment berm, which is consistent with historical evidence. From highest to lowest, the maximum TBC locations include DG-09, TS-02, DG-10/TS-06, and TS-03. The fifth highest total TBC location was located at DG-14/TS-07, just south of the berm (Table 2).

Table 2. Summary of Total Benzene and Chlorobenzene Concentrations

Location Name	Detection Range (µg/kg)	Min Detection Interval (ft)	Max Detection Interval (ft)	Sampling Depth (ft)
DG-01	654,000 – 8,302,000	0 – 1	1 – 2	0-2
DG-02	*22.3 – 48.9	1 – 2	1 – 2	0-2
DG-03	5,048 – 108,290	0 – 1	1 – 2	0-2
DG-04	226,400 – 1,011,000	0 – 1	1 – 2	0-2
DG-05	138.7 – 37,240	0 – 1	1 – 2	0-2
DG-06	13,620 – 191,500	0 – 1	1 – 2	0-2
DG-07	25,770 – 158,500	1 – 2	1 – 2	0-2
DG-08	8,190.2 – 45,500	0 – 1	0 – 1	0-2
DG-09	182,400 – 176,895,380	6 – 8	8 – 10	0-18
DG-10/TS-06	1,077,420 – 47,318,630	10 – 12	14 – 16	10-20
DG-11	*6,260 – 13,495	0 – 1	1 – 2	0-2

Location Name	Detection Range (µg/kg)	Min Detection Interval (ft)	Max Detection Interval (ft)	Sampling Depth (ft)
DG-12	20 – 6,533,000	10 – 12	16 – 18	0-20
DG-13	*70.3 – 70.3	0 – 1	0 – 1	0-1
DG-14/TS-07	90,800 – 4,662,120	18 – 20	16 – 18	10-20
DG-15	450 – 3,405,930	2 – 4	16 – 18	0-20
DG-16	838 – 317,000	6 – 7	3 – 4	0-7
DG-17	*0.99 – 7.7	2 – 3	1 – 2	0-6
DG-18/TS-08	215.5 – 980,000	18 – 20	14 – 16	10-20
DG-19	*2.8 – 698	3 – 4	0 – 0	0-7
DG-20	*11.5 – 17.7	3 – 4	2 – 3	0-7
TS-01	11,560 – 344,490	4 – 6	2 – 4	0-10
TS-02	136,660 – 65,133,260	0 – 2	6 – 8	0-10
TS-03	24,831 – 37,882,600	6 – 8	2 – 4	0-8
TS-04	ND	-	-	0-8
TS-05	13,104 – 736,100	4 – 6	8 – 10	0-10
TS-06/DG-10	869,930 – 10,958,360	8 – 10	2 – 4	0-10
TS-07/DG-14	37,666.5 – 10,812,790	0 – 2	4 – 6	0-10
TS-08/DG-18	330.4 – 3,510,115	0 – 2	2 – 4	0-10

Primary benzene and chlorobenzene PRG exceedances include all di – and tri – chlorobenzene congeners, as well as chlorobenzene. These elevated concentrations range, and in general exceed historical results by up to an order of magnitude, but each maximum detection occurred either at DG-09 (8-10 ft) or TS-02 (6-8 ft) (Table). Tetrachlorobenzene exceedances did appear in multiple samples, with maximum detections occurring both north and south of the berm in DG-16 (3-4 ft) and DG-10 (18-20 ft). The table is summarized in Figures 4a through 4d using a depth vs log concentration of chlorobenzenes in µg/kg.

Table 3: Summary of Volatile and Semi-volatile Organic Compounds in Wetlands

Analyte Name	PRG (µg/kg)	DNAPL Saturation Concentration (µg/kg)	Conc. Range (µg/kg)	Max Detection Location	Max Detection interval (ft)	Min Detection Location	Min Detection interval (ft)
Benzene	137	1820000	2.2 - 1,100,000	DG-09	8-10	DG-08	0 - 1
Chlorobenzene	50	761000	1 - 9,600,000	TS-02	6 - 8	DG-19	2 - 3
1,2-Dichlorobenzene	16.5	376000	0.74 - 13,000,000	DG-09	8 - 10	TS-05	2 - 4
1,3-Dichlorobenzene	4,430	170000	1.3 - 2,700,000	DG-09	8 - 10	DG-13/ DG-18	0 - 1/ 18 - 20
1,4-Dichlorobenzene	599	280000	1.6 - 75,000,000	DG-09	8 - 10	DG-19	3 - 4/ 6 - 7

Analyte Name	PRG (µg/kg)	DNAPL Saturation Concentration (µg/kg)	Conc. Range (µg/kg)	Max Detection Location	Max Detection interval (ft)	Min Detection Location	Min Detection interval (ft)
1,2,3-Trichlorobenzene	858	150000	1.2 - 17,000,000	DG-09	8 - 10	DG-19	2 - 3
1,2,4-Trichlorobenzene	2,100	404000	0.99 - 59,000,000	DG-09	8 - 10	DG-17	2 - 3
1,3,5-Trichlorobenzene	-	33000	4.4 - 120,000	DG-09	8 - 10	TS-04	6 - 8
1,2,3,4-Tetrachlorobenzene	702	17000	36 - 240,000	DG-16	3 - 4	TS-05	4 - 6
1,2,4,5-Tetrachlorobenzene	1,090	2100	22 - 62,000	DG-10	18 - 20	TS-05	4 - 6
Pentachlorobenzene	460,000	1400	*29 - 31,000	TS-03	2 - 4	TS-08	0 - 2
Hexachlorobenzene	69	60	11 - 600	TS-03	2 - 4	TS-08	2 - 4
Nitrobenzene	-	3050000	ND	-	-	-	-
Toluene	-		0.57 - 240	TS-06	4 - 6	TS-07	0 - 2

* Concentrations are below PRGs

Horizontal bounding of the key remedial areas was indicated by several instances of non-detects for multiple contaminants of concern (COCs) and contaminant concentrations which were below PRGs for most or all COCs in both Western and Eastern samples within the wetland and extending into Red Lion Creek (DG-02, DG-07, DG-11, DG-12, DG-13, DG-17, DG-19, TS-04). The lateral extent of contamination, especially in the western and northern areas of the Western Wetland was previously considered a data gap, but can now be adequately bounded by samples DG-02, DG-07, DG-13, DG-12, and TS-04.

5.2 DNAPL Horizontal and Vertical Delineation in Wetlands

Concentrations indicative of DNAPL, identified as VOC and SVOC detections above saturation concentrations first employed by USGS and later by HGL (USGS, 2014; HGL, 2020), were found in 12 of the 25 unique Data Gap Investigation locations, namely within the Western Wetlands to the north of the containment berm. The compounds with DNAPL concentration exceedances include Chlorobenzene, Dichlorobenzene, Trichlorobenzene, Tetrachlorobenzene, Pentachlorobenzene, and Hexachlorobenzene. While the exceedance depths occurred in all depths ranging from 0 to 20 ft, DG-9, DG-10, DG-14, and DG-15 all present concentrations indicative of DNAPL as deep as 16-20 ft bgs. Isolated shallow surface samples (0-2 ft) such as DG-01 and DG-04 were indicative of DNAPL from 1-2 ft, but only for lesser chlorinated compounds like Chlorobenzene and Dichlorobenzene.

Given the detected concentrations relative to DNAPL saturation concentrations and organic-rich layers logged during boring activities, it is also likely that we are seeing residual DNAPL which preferentially settled within organic-rich layers 60 feet below ground surface (based on well PW-6S) (**Attachment B**).

5.3 Metals Exceedances and Chromium Speciation

Historical site metals data was limited, with no total metals data beyond the 2003 through 2004 sampling event, with no historical sample locations in the Northern or Eastern wetlands. Previous total chromium sampling on site indicated PRG exceedances at 9,100 to 88,400 µg/kg (HGL, 2020).

The total chromium concentrations detected in the Data Gap Investigation were similarly represented (3,700 to 130,000 µg/kg) in a total of 23 unique locations in depths up to 10 ft bgs. The only location where total chromium did not exceed the PRG was TS-05 at the 8 – 10 ft interval.

The five locations selected for chromium speciation and delineation, DG-07, DG-10, DG-11, DG-14, and TS-04 all were non-detect (below the method detection limit of 140 (µg/kg)) for Cr(VI), indicating that total chromium concentrations are solely attributable to Cr(III). The low temperature thermal desorption process may lead to the oxidation of Cr(III) to Cr(VI). The bench scale metal stabilization study will examine this oxidation process using post thermally treated material. Copper, lead, mercury, nickel, vanadium, and zinc were all detected above PRG concentrations, with locations and depths spanning across 14 sample locations with nearly a universal spread across the OU2 soils (DG-01 – DG-05, DG-07, DG-11 – DG-13, TS-01 – TS-03, TS-06, and TS-08). The maximum and minimum detections are summarized in Table .

Table 4: Summary of Metals Results

Analyte Name	PRG (µg/kg)	Conc. Range (µg/kg)	Max Detection Location	Max Detection Interval (ft)	Min Detection Location	Min Detection Interval (ft)
Aluminum		2,400,000 - 37,000,000	DG-20	4 - 5	TS-05	8 - 10
Antimony		84 - 2,200	DG-05	0 - 1	DG-17	6 - 7
Arsenic		390 - 41,000	DG-05	0 - 1	TS-04	6 - 8
Barium		18,000 - 540,000	TS-08	0 - 2	DG-16	1 - 2
					DG-19	6 - 7
Beryllium		550 - 6,000	DG-04	0 - 1	DG-16 / DG-20 / TS-07	6 - 7 / 1 - 2 / 2 - 4
Cadmium		49 - 1,800	DG-04	0 - 1	DG-20	5 - 6
Calcium		41,000 - 8,400,000	DG-04	1 - 2	DG-19	2 - 3
Chromium, Hexavalent	4,000	-				
Chromium, Total	4,000	3,700 - 130,000	DG-07	0 - 1	TS-05	8 - 10
Cobalt		800 - 29,000	TS-08	0 - 2	TS-04	6 - 8
Copper	69,000	1,900 - 73,000	TS-08	0 - 2	DG-20	6 - 7
Iron		2,000,000 - 51,000,000	DG-20	4 - 5	DG-08/TS-04	0 - 1 / 4 -6
Lead	68,000	1,100 - 110,000	DG-05/ DG-07	0 - 1 / 0 - 1	TS-05	8 - 10

Analyte Name	PRG (µg/kg)	Conc. Range (µg/kg)	Max Detection Location	Max Detection Interval (ft)	Min Detection Location	Min Detection Interval (ft)
Magnesium		120,000 - 5,900,000	DG-07	0 - 1	DG-16	4 - 5
Manganese		6,200 - 1,800,000	DG-17	5 - 6	TS-04	6 - 8
Nickel	33,000	1,600 - 130,000	TS-08	0 - 2	TS-04	6 - 8
Potassium		91,000 - 2,500,000	DG-07	0 - 1	TS-05	8 - 10
Selenium		180 - 7,200	DG-03	0 - 1	DG-19	3 - 4
Silver		120 - 400	DG-05	0 - 1	DG-04	0 - 1
Sodium		33,000 - 730,000	TS-02	8 - 10	TS-07	2 - 4
Thallium		620 - 620	DG-17	5 - 6	DG-17	5 - 6
Vanadium	310,000	4,900 - 1,200,000	TS-08	0 - 2	TS-04	6 - 8
Zinc	240,000	3,800 - 440,000	DG-13	0 - 1	TS-05	8 - 10

5.4 Upland Soils and Western Drainage Pathway

Past remediation of the upland soils near the perimeter of the OU3 bentonite slurry wall included the excavation of 5,900 CY of soil contained in the former OU2 waste piles and 7,000 CY of soil from the former railyard area which had detections up to 12,000,000 µg/kg TBC at the time of excavation, with individual tetrachlorobenzene exceedances of 11,000 and 63,000 µg/kg in two samples. This material was excavated and placed underneath the OU3 cap. Additional samples collected in 2002-2004 downhill of the former contaminated soil piles reached TBC as high as 636,000 µg/kg and exceeded all site metals criteria.

As part of this Data Gap Investigation, sample locations DG-16, DG-17, DG-19, and DG-20 were placed in the former waste pile locations, upland areas, and western drainage pathways, to address the remedial status of these areas. DG-17 in the southern soil pile area, DG-19 and DG-20 locations within the Western Drainage Gulley exhibited TBC concentrations below the RAL of 33,000 µg/kg at all intervals of 0-7 ft. DG-16, where contaminated sediment/soil was previously staged exhibited concentrations higher than the RAL, with TBC concentrations ranging from 838 – 317,000 µg/kg, with the highest TBC concentration detected at 3-4 ft (Table 2). Metals concentrations in each of the four upland locations were below the PRGs, except for total chromium, as discussed in Section 5.3.

6 Findings

- This sampling indicates that the average TBC concentration at depth of 0 to 2 feet (4,011,000 µg/kg) is consistent with previously defined TBC ranges (0 – 5,000,000 µg/kg)
- A comparison with historical data indicates that maximum TBC concentrations in the Western Wetland north of the containment berm (176,895,000 µg/kg) are an order of magnitude above previous maxima (16,212,000 µg/kg).
- In conjunction with historical data, the data collected in 2023 and 2024 has adequately delineated the majority of the DNAPL mass and TBC contamination horizontally. Vertical bounding of the DNAPL plume is not certain, as multiple locations in the Western Wetlands north of the containment berm presented concentrations indicative of DNAPL at their terminal depths (up to 20 ft bgs). These bounds and treatment requirements will be addressed as part of the Basis of Design Report.
- Metals concentrations indicate chromium exceedances are solely attributed to trivalent chromium and are universal through all metals samples collected. Additionally, further metals exceedances of Copper, Lead, Mercury, Nickel, Vanadium, and Zinc will be assessed during Treatability Bench Studies and included within remedial design recommendations.
- Upland soils are largely below the primary TBC RAL of 33,000 µg/kg, though contamination is still present in the location of the former waste pile storage areas (DG-16) as TBC (0.99 – 317,000 µg/kg), and universally in upland soils as total chromium (5,200 – 110,000 µg/kg).

7 References

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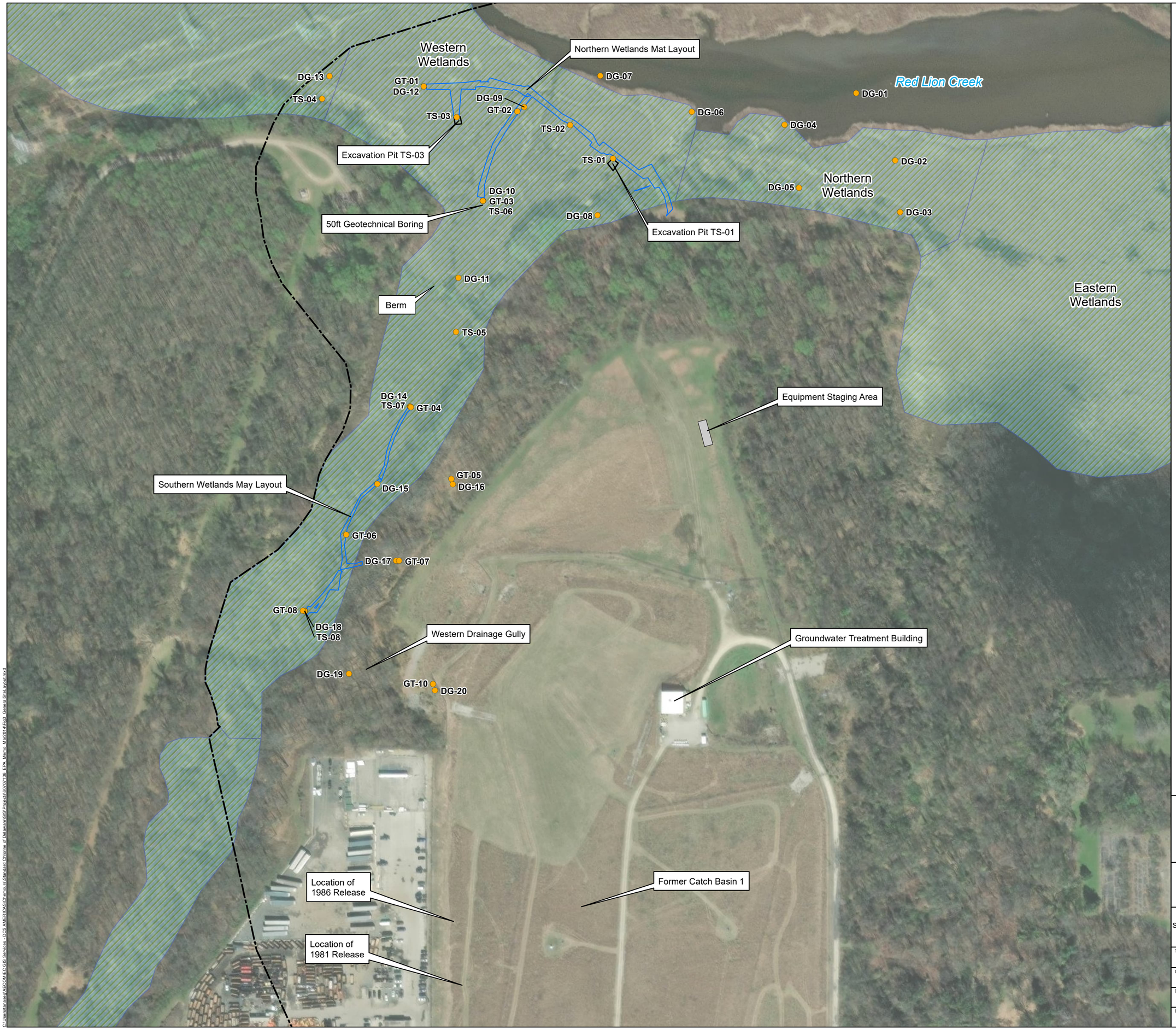
Lorah, M.M., Walker, C.W., Baker, A.C., Teunis, J.A., Majcher, E.H., Brayton, M.J., Raffensperger, J.P., and Cozzarelli, I.M., 2014. Hydrogeologic characterization and assessment of bioremediation of chlorinated benzenes and benzene in wetland areas, Standard Chlorine of Delaware, Inc. Superfund Site, New Castle County, Delaware. 2009–12: U.S. Geological Survey Scientific Investigations Report 2014–5140.

Figures



LEGEND

- Approximate Site Boundary
- Wetland
- Mat Layout
- Sampling Locations

Aerial Source - Maxar, 2023
Resolution - 0.5 Meter
Service Layer Credits - Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

AREA MAP

N W E S

0 75 150 300

Feet
1 in = 150 ft

MAP FORMATTED FOR "C" (17" X 22") SIZE SHEET.
TEXT SCALE NOT VALID FOR DIFFERENT PAGE SIZE.

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General Site Layout

Sampling Location
Standard Chlorine of Delaware, Inc. Superfund Site
New Castle, Delaware

TASK NUMBER: 2.3	PROJECT NUMBER: 60707136
DESIGNED BY: L. CHEUNG	DATE: 3/22/2024
DRAWN BY: G. TANASE	FIGURE NUMBER: 1
DATA QUALITY CHECK BY: L. CHEUNG	

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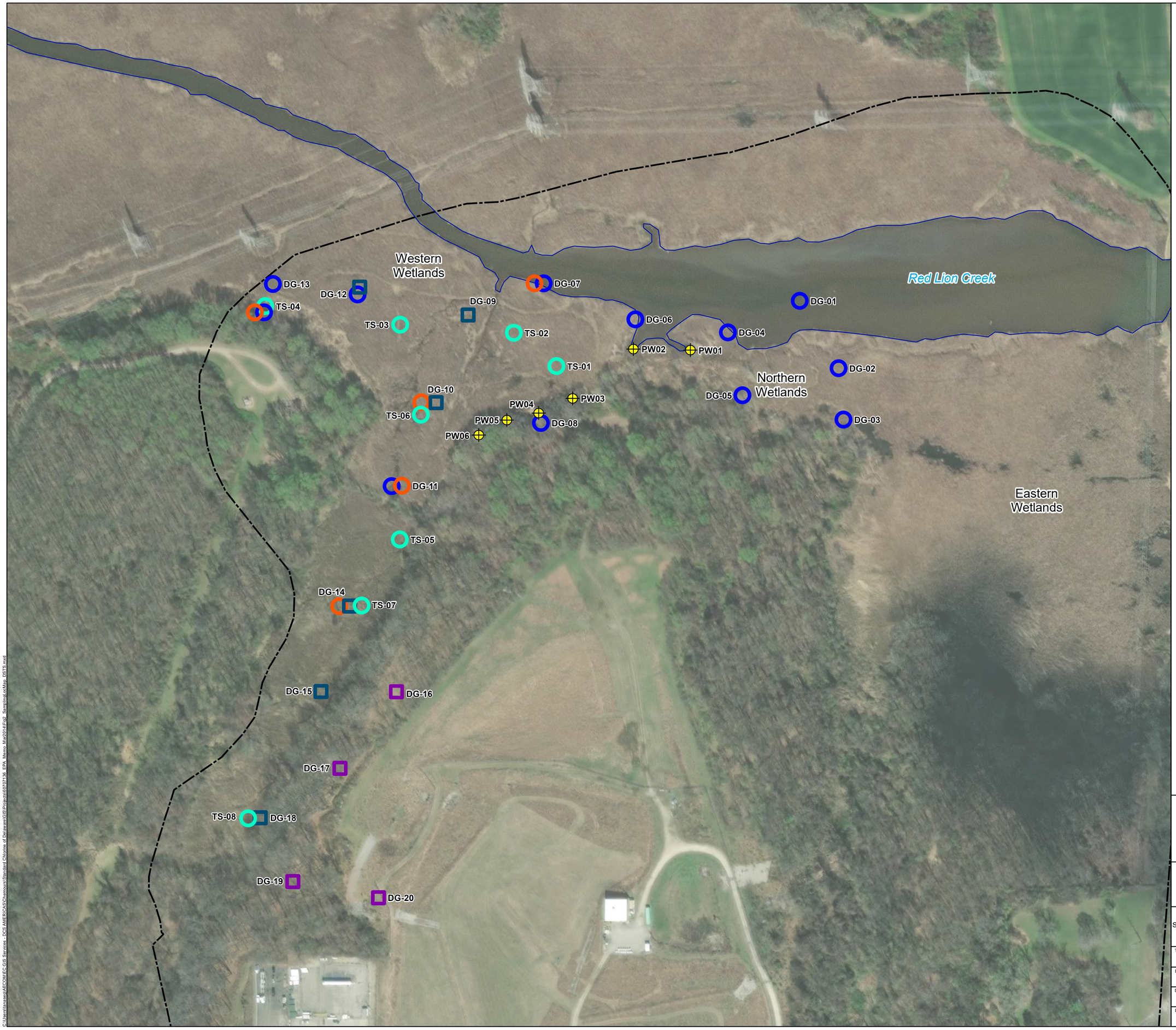

LEGEND

Sampling Locations (depth)

Gap Investigation

- Total Benzene and Chlorinated Benzene Compounds (TBC) (0-2 ft)
- Chromium Speciation (0-2 ft)
- DNAPL-Associated Compounds (0-20 ft)
- TBC – Upland (0-7 ft)

Treatability Study

- Preliminary Treatability Samples (0-10 ft)
- Red Lion Creek waterline
- Approximate Site Boundary
- PW Location

Aerial Source - Maxar, 2023
Resolution - 0.31 Meter
Service Layer Credits - Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

AREA MAP

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Feet
1 in = 150 ft

MAP FORMATTED FOR "C" (17" X 22") SIZE SHEET.
TEXT SCALE NOT VALID FOR DIFFERENT PAGE SIZE.

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Sampling Locations Map

Sampling Location
Standard Chlorine of Delaware, Inc. Superfund Site
New Castle, Delaware

TASK NUMBER: 2.3	PROJECT NUMBER: 60707136
DESIGNED BY: L. CHEUNG	DATE: 3/22/2024
DRAWN BY: G. TANASE	FIGURE NUMBER: 2
DATA QUALITY CHECK BY: L. CHEUNG	

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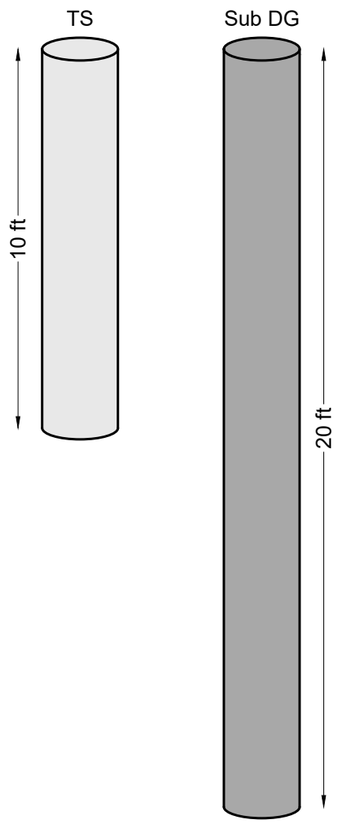
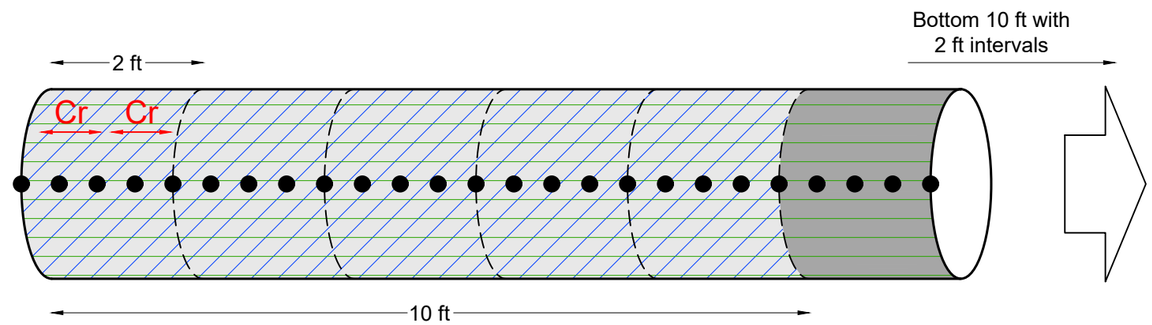
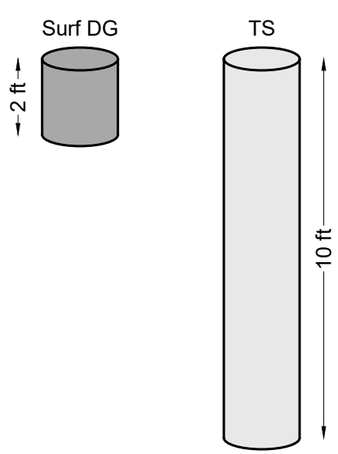


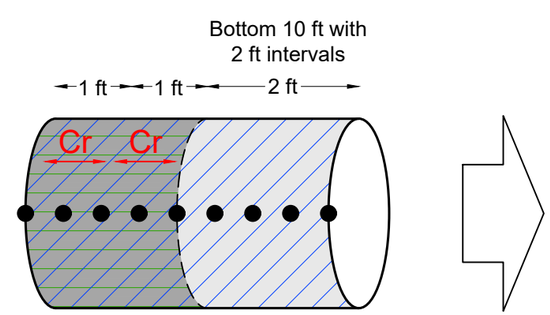
TS and Sub DG Combined



NOTES:
- Combine 1st 10 ft of Sub DG with TS
- 2 ft intervals
- VOCs, SVOCs, Metals combined for 1st 10 ft



TS and Surf DG



NOTES:
- Combine 1st 2 ft of TS with Surf DG
- 2 ft intervals
- VOCs, SVOCs, Metals combined for 1st 2 ft

LEGEND:

- VOCs, SVOCs, Metals, PCB Aroclors, TOC, LOI, BTU, P/U, Moisture Content
- VOCs, SVOCs, PCB Homologs, Moisture Content
- VOC Vapor Reading (every 6 in)
- Cr — Chromium Sample (if applicable, in 1st 2 ft)

Not to scale

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Sampling Set Up Diagram

Sampling Location
Standard Chlorine of Delaware, Inc.
Superfund Site, New Castle, Delaware

TASK NUMBER: 2.3	PROJECT NO.: 60707136
DESIGNED BY: L. CHEUNG	DATE: 3/22/2024
DRAWN BY: G. TANASE	FIGURE NO.: 3
DATA QUALITY CHECK BY: L. CHEUNG	

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LEGEND

Sampling Locations (depth)

Gap Investigation

- Total Benzene and Chlorinated Benzene Compounds (TBC) (0-2 ft)
- Chromium Speciation (0-2 ft)
- DNAPL-Associated Compounds (0-20 ft)
- TBC – Upland (0-7 ft)

Treatability Study

- Preliminary Treatability Samples (0-10 ft)
- Red Lion Creek waterline
- Approximate Site Boundary
- PW Location

Aerial Source - Maxar, 2023
Resolution - 0.31 Meter
Service Layer Credits - Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

AREA MAP

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Feet
1 in = 150 ft

MAP FORMATTED FOR "C" (17" X 22") SIZE SHEET.
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Sampling Locations Map

Sampling Location
Standard Chlorine of Delaware, Inc. Superfund Site
New Castle, Delaware

TASK NUMBER: 2.3	PROJECT NUMBER: 60707136
DESIGNED BY: L. CHEUNG	DATE: 3/22/2024
DRAWN BY: G. TANASE	FIGURE NUMBER: 4a
DATA QUALITY CHECK BY: L. CHEUNG	

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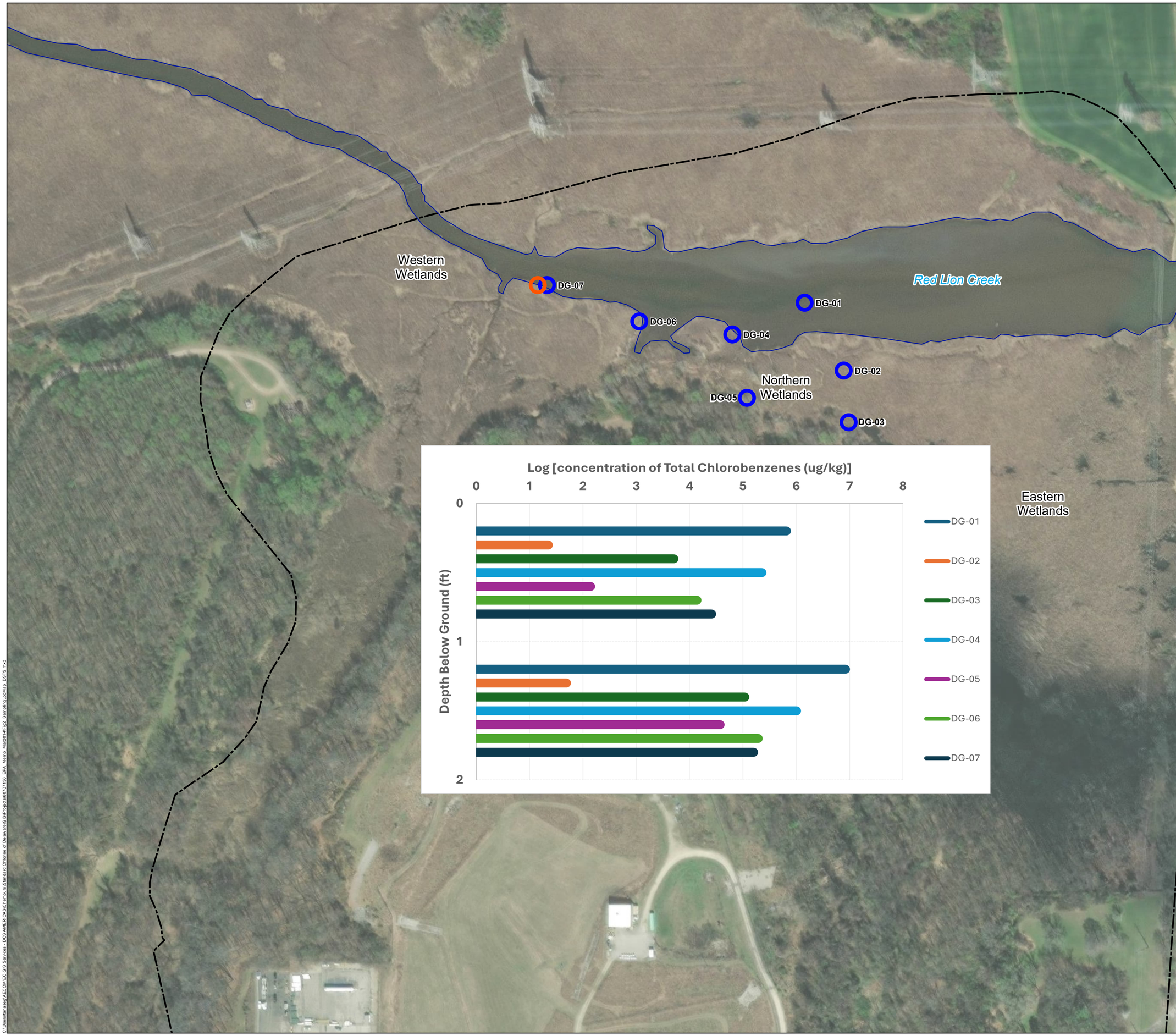

LEGEND

Sampling Locations (depth)

Gap Investigation

- Total Benzene and Chlorinated Benzene Compounds (TBC) (0-2 ft)
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- DNAPL-Associated Compounds (0-20 ft)
- TBC – Upland (0-7 ft)

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- Preliminary Treatability Samples (0-10 ft)
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AREA MAP

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Feet
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Sampling Locations Map

Sampling Location
Standard Chlorine of Delaware, Inc. Superfund Site
New Castle, Delaware

TASK NUMBER: 2.3	PROJECT NUMBER: 60707136
DESIGNED BY: L. CHEUNG	DATE: 3/22/2024
DRAWN BY: G. TANASE	FIGURE NUMBER: 4b
DATA QUALITY CHECK BY: L. CHEUNG	

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LEGEND

Sampling Locations (depth)

Gap Investigation

- Total Benzene and Chlorinated Benzene Compounds (TBC) (0-2 ft)
- Chromium Speciation (0-2 ft)
- DNAPL-Associated Compounds (0-20 ft)
- TBC – Upland (0-7 ft)

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- Preliminary Treatability Samples (0-10 ft)
- Red Lion Creek waterline
- Approximate Site Boundary
- PW Location

Aerial Source - Maxar, 2023
Resolution - 0.31 Meter
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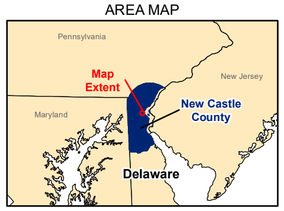
AREA MAP



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Sampling Locations Map

Sampling Location
Standard Chlorine of Delaware, Inc. Superfund Site
New Castle, Delaware

TASK NUMBER: 2.3	PROJECT NUMBER: 60707136
DESIGNED BY: L. CHEUNG	DATE: 3/22/2024
DRAWN BY: G. TANASE	FIGURE NUMBER: 4c
DATA QUALITY CHECK BY: L. CHEUNG	

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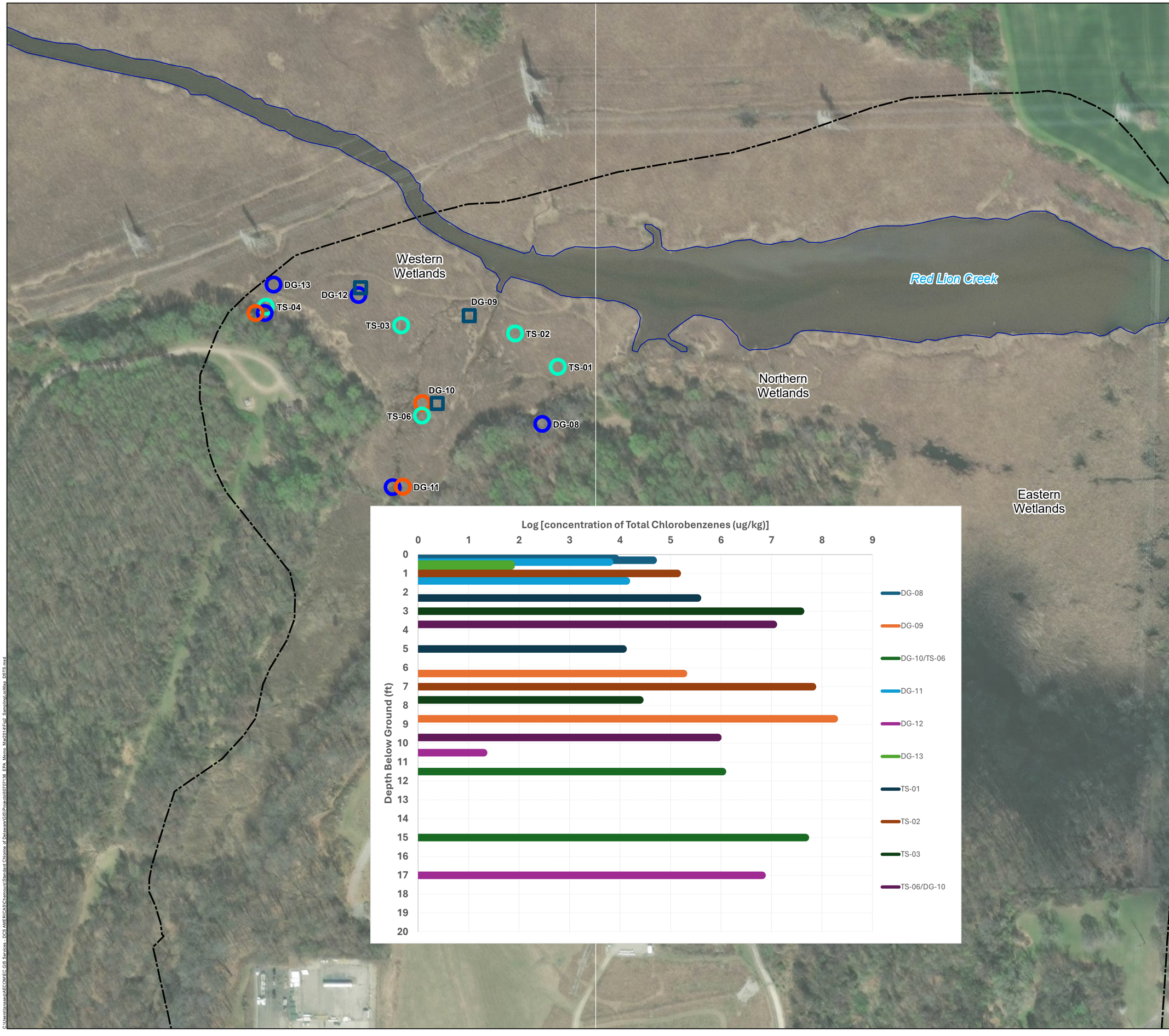

LEGEND

Sampling Locations (depth)

Gap Investigation

- Total Benzene and Chlorinated Benzene Compounds (TBC) (0-2 ft)
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Sampling Locations Map

Sampling Location
Standard Chlorine of Delaware, Inc. Superfund Site
New Castle, Delaware

TASK NUMBER: 2.3	PROJECT NUMBER: 60707136
DESIGNED BY: L. CHEUNG	DATE: 3/22/2024
DRAWN BY: G. TANASE	FIGURE NUMBER: 4d
DATA QUALITY CHECK BY: L. CHEUNG	

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Attachment A: Photographic Log

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work– 2023/2024

Photo No.	**Date:**
1	11/10/2023

Description:
Stone delivered onto plastic sheeting to construct staging area where all heavy equipment is stored.

Photo No.	**Date:**
2	11/10/2023

Description:
Excavator is utilized to spread the stone across the plastic sheeting to create the staging area

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
3	11/10/2023

Description:
First decontamination area being setup using skid steer. Hay bales are used to raise the sides while mulch socks raise the front. Gravel is placed on top of the plastic sheeting to create a "pooling" area for contaminated material to be removed and disposed of properly.

Photo No.	**Date:**
4	11/13/2023

Description:
HDPE mat placed to complete the first decontamination area.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
5	11/13/2023

Description:
Wheel loader used the HDPE mats to clear the phragmites for the northern branch.

Photo No.	**Date:**
6	11/13/2023

Description:
HDPE mat path on the Northern Branch to access drilling/sampling locations.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
7	11/14/2023

Description:
Hand cleared all sampling locations to 7ft for utilities using hand auger.

Photo No.	**Date:**
8	11/14/2023

Description:
Skid steer equipped with mulcher disc cleared the Western Branch to gain access to the drilling/sampling location.

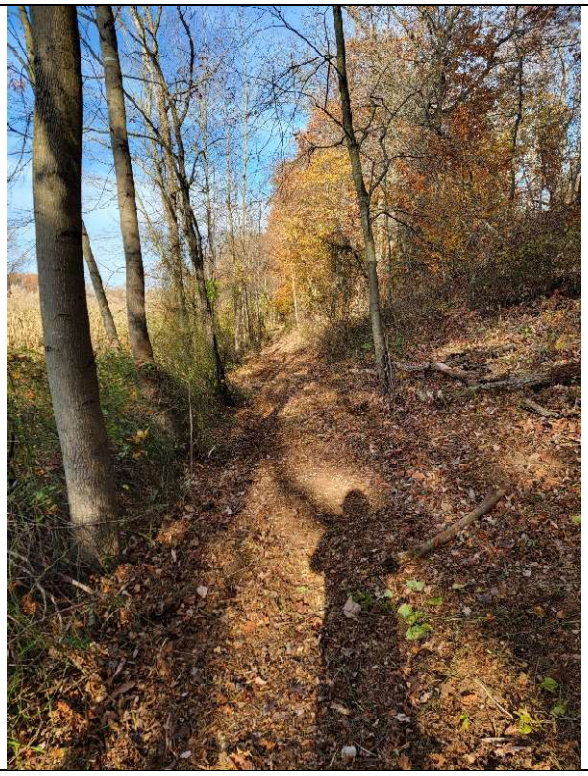
PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
9	11/15/2023

Description:
Skid steer equipped with mulcher disc cleared the a pathway towards the wetland at the western side

Photo No.	**Date:**
10	11/15/2023

Description:
Skid steer equipped with mulcher disc cleared a path in the vegetation at the western side to optimize access while minimizing HDPE mat usage.



PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
11	11/15/2023

Description:
All equipment coming out of the wetland will undergo thorough decontamination using steam power washer.

Photo No.	**Date:**
12	11/16/2023

Description:
Skid steer equipped with mulcher disc cleared the western side to access wetland.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
13	11/16/2023

Description:
Skid steer using HDPE to clear phragmites at the western side to build access to for the second decon area.

Photo No.	**Date:**
14	11/17/2023

Description:
Second decontamination pad being constructed using the same method as the thing decon area. Mulch socks are used to build the perimeter and plastic sheeting placed on top.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
15	11/28/2023

Description:
WILDCO Hand core sampler utilized to collect 2ft samples

Photo No.	**Date:**
16	11/29/2023

Description:
Western Branch being built out to reach sampling locations.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
17	11/30/2023

Description:
7ft hand auger sampling location located on Delaware City Refinery property for geochemical analsis.

Photo No.	**Date:**
18	12/01/2023

Description:
US Radar Imager used on some location where hand clearing utilities was not feasible due to hard compact soil.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
19	12/06/2023

Description:

Drilling geochemical borings using a GeoProbe 7822DT.

Photo No.	**Date:**
20	12/06/2023

Description:

Sediment core taken for geochemical analysis at 10ft.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No. 21	**Date:** 12/07/2023

Description:

Drilling geotechnical borings at the northern locations

Photo No. 22	**Date:** 12/07/2023

Description:

Shelby tube sample taken during geotechnical drilling at the northern locations. Wax was used to cap the core tube to prevent sample disturbance and preserves the integrity of the sediment sample.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No. 23	**Date:** 12/08/2023

Description:

HDPE mats removed to bridge towards farther sampling locations.

Photo No. 24	**Date:** 12/14/2023

Description:

Geotechnical boring at the upland area near the western wetland locations

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No. 25	**Date:** 12/18/2023

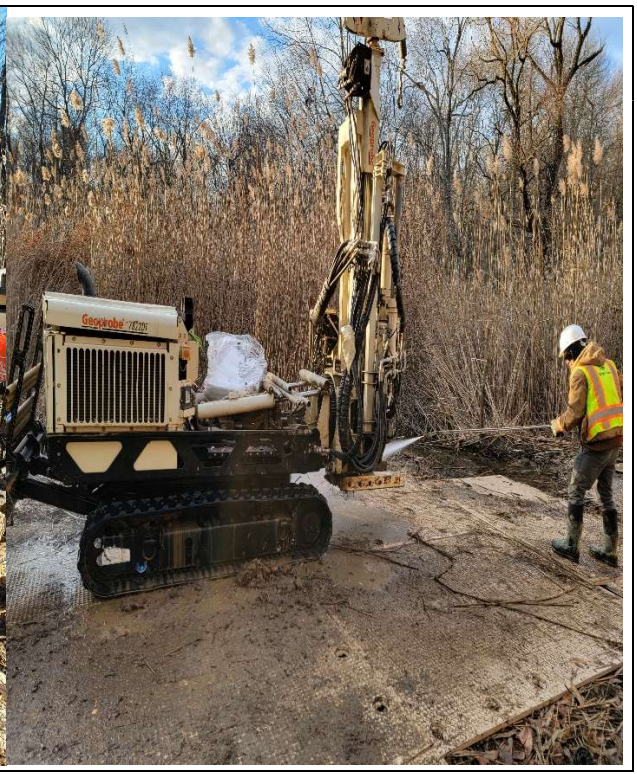
Description:

HDPE mat removal to extend towards father locations at the western branch.

Photo No. 26	**Date:** 12/20/2023

Description:

Geotechnical drilling and decontaminating the drill rig at the western locations.



PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
27	01/02/2023

Description:

Drill rig at location GT-03 before attempting to drill up to 50ft to locate low-permeable layer.

Photo No.	**Date:**
28	01/03/2023

Description:

Geotechnical boring at the 12ft depth.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No. 29	**Date:** 01/03/2023

Description:

Split spoon sampling for geotechnical boring at depth of ~40ft

Photo No. 30	**Date:** 01/03/2023

Description:

Backfilling from bottom up by pouring grout mix into the auger drill.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No. 31	**Date:** 01/04/2023

Description:

Backfilled the ~47ft boring hole with grout.

Photo No. 32	**Date:** 01/04/2023

Description:

Oil sheen found on the drill auger ~45ft (yellow circle)

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No.	**Date:**
33	01/05/2023

Description:

Three 25 CY (~19 CM) vacuum assisted roll offs at the staging area.

Photo No.	**Date:**
34	01/22/2023

Description: Excavation pit located at TS-03. Dump truck was utilized to transport sediment to roll offs.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No. 35	**Date:** 01/22/2023

Description: Dump truck offloading into roll offs.

Photo No. 36	**Date:** 01/22/2023

Description: Certified clean fill was utilized to backfill the excavation pit.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No. 37	**Date:** 01/23/2023

Description: 15 cubic yards excavated from TS-01 and TS-03.

Photo No. 38	**Date:** 01/24/2023

Description: HDPE mats removal from site.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No. 39	**Date:** 02/06/2023

Description: Last mat removed from wetlands.

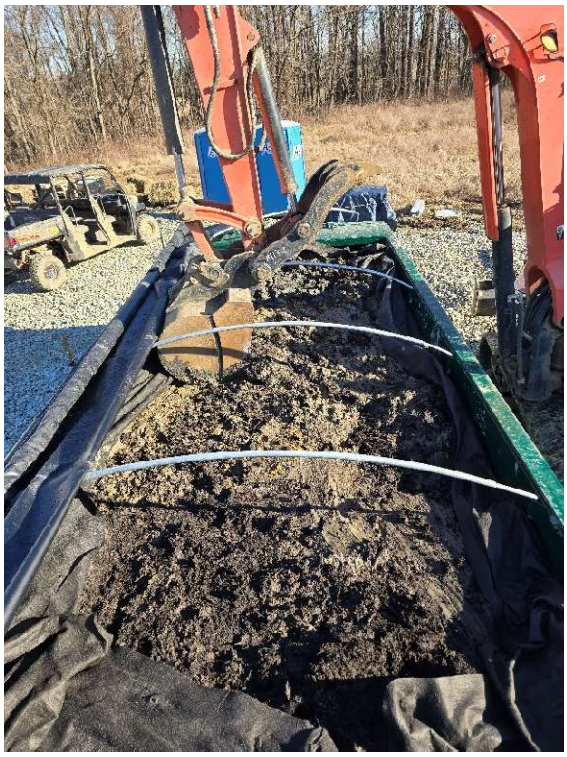
Photo No. 40	**Date:** 02/06/2023

Description: Wetland cleared of mats.

PHOTOGRAPHIC LOG
STANDARD CHLORINE OF DE SITE
Field Work – 2023/2024

Photo No. 41	**Date:** 02/06/2023

Description: Sediment homogenized and drained



Attachment B: Boring Log

AECOM

DG-01

Total Depth 1.5 **ft**

Client USEPA R3
Project Name Standard Chlorine of Delaware
Project Number 60707136
Latitude 39.60521310 **Longitude** -75.63348618
Date Started 12/14/2023 **Completed** 12/14/2023
Ground Elevation -36.01 **Hole Size** 2 in
Drilling Contractor C. Hoffman
Drilling Equipment Wildco Handcore Sampler
Drilling Method 2" Hand Auger
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	1.22		Organic soil (OL) [NATIVE] - brown to black, moist, soft - no odor, no staining
	2.89		
	63		Lean clay (CL), <10% silt, 5-15% peat, Peat means organic [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
	39.84		Organic soil (OL), 35-45% clay [NATIVE] - brown to black, moist, soft - hydrocarbon odor, no staining
2			

(Continued Next Page)

AECOM

DG-02

Total Depth 2.0 ft

Client USEPA R3
Project Name Standard Chlorine of Delaware
Project Number 60707136
Latitude 39.60477998 **Longitude** -75.63316105
Date Started 11/28/2023 **Completed** 11/28/2023
Ground Elevation -35.28 **Hole Size** 2 in
Drilling Contractor C. Hoffman
Drilling Equipment Hand Auger
Drilling Method 2" Hand Auger
Logged By C. Brehm **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0			Organic matter [NATIVE] - gray to brown, moist, soft - no odor, no staining
	0.11		Fat clay (CH), Sulfur and methane odor [NATIVE] - gray to brown, wet, firm - peaty odor, no staining
2			

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AECOM

DG-03

Total Depth 2.0 **ft**

Client USEPA R3
Project Name Standard Chlorine of Delaware
Project Number 60707136
Latitude 39.60444916 **Longitude** -75.63311870
Date Started 11/28/2023 **Completed** 11/28/2023
Ground Elevation -31.38 **Hole Size** 2 in
Drilling Contractor C. Hoffman
Drilling Equipment Hand Auger
Drilling Method 2" Hand Auger
Logged By C. Brehm **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0			Silt (ML), Sulfur and methane odor [NATIVE] - gray to brown, wet, soft - peaty odor, no staining
	0.14		Poorly graded sand (SP), Sulfur and methane odor [NATIVE] - gray to brown, wet, soft - peaty odor, no staining
2			

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AECOM

DG-04

Total Depth 2.0 ft

Client USEPA R3
Project Name Standard Chlorine of Delaware
Project Number 60707136
Latitude 39.60500900 **Longitude** -75.63408200
Date Started 12/14/2023 **Completed** 12/14/2023
Ground Elevation -32.20 **Hole Size** 2 in
Drilling Contractor C. Hoffman
Drilling Equipment Wildco Handcore Sampler
Drilling Method 2" Hand Auger
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0.71		Lean clay (CL), 5-15% peat, Peat means organics [NATIVE] - brown to black, wet, soft - no odor, no staining
	0.91		
	1.81		
	2.72		Lean clay (CL), 35-45% peat, Peat means organics [NATIVE] - brown to black, moist, soft - peaty odor, no staining
	2.31		
2			

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AECOM

DG-05

Total Depth 2.0 ft

Client USEPA R3
Project Name Standard Chlorine of Delaware
Project Number 60707136
Latitude 39.60460384 **Longitude** -75.63396066
Date Started 11/28/2023 **Completed** 11/28/2023
Ground Elevation -32.22 **Hole Size** 2 in
Drilling Contractor C. Hoffman
Drilling Equipment Hand Auger
Drilling Method 2" Hand Auger
Logged By C. Brehm **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0			- fat clay (ch), <10% silt, native, gray, wet, very soft, hydrocarbon odor, no staining at 0 ft
	0.11		
2			

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AECOM

DG-06

Total Depth 1.5 **ft**

Client USEPA R3
Project Name Standard Chlorine of Delaware
Project Number 60707136
Latitude 39.60509067 **Longitude** -75.63485343
Date Started 12/14/2023 **Completed** 12/14/2023
Ground Elevation -34.41 **Hole Size** 2 in
Drilling Contractor C. Hoffman
Drilling Equipment Wildco Handcore Sampler
Drilling Method 2" Hand Auger
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0.04		Lean clay (CL), 5-15% peat, Peat means organics [NATIVE] - gray, moist, soft - no odor, no staining
	0.17		
	1.34		
	1.43		Organic soil (OL), 20-30% clay [NATIVE] - brown to black, moist, soft - no odor, no staining
2			

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AECOM

DG-07

Total Depth 2.0 ft

Client USEPA R3
Project Name Standard Chlorine of Delaware
Project Number 60707136
Latitude 39.60532174 **Longitude** -75.63561614
Date Started 12/14/2023 **Completed** 12/14/2023
Ground Elevation -35.98 **Hole Size** 2 in
Drilling Contractor C. Hoffman
Drilling Equipment Wildco Handcore Sampler
Drilling Method 2" Hand Auger
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0.18		Lean clay (CL), <10% peat, Peat means organics [NATIVE] - gray, moist, soft - no odor, no staining
	1.42		
	0.71		
	1.22		Lean clay (CL), 5-15% silt [NATIVE] - gray, moist, soft - no odor, no staining
	0.57		
2			

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AECOM

DG-08

Total Depth 1.0 **ft**

Client USEPA R3
Project Name Standard Chlorine of Delaware
Project Number 60707136
Latitude 39.60442314 **Longitude** -75.63563656
Date Started 12/01/2023 **Completed** 12/01/2023
Ground Elevation -32.50 **Hole Size** 2 in
Drilling Contractor C. Hoffman
Drilling Equipment Hand Auger
Drilling Method 2" Hand Auger
Logged By C. Brehm **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0.28 0.18		Lean clay (CL), 5-15% peat, <10% sand Peat means organic [NATIVE] - brown to black, wet, soft - no odor, no staining
	0.05		Well-graded sand (SW), fine to medium, subangular, <10% clay [NATIVE] - brown, moist, soft - no odor, no staining
2			

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AECOM

DG-09

Total Depth 20.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60511700 **Longitude** -75.63624700
Date Started 12/06/2023 **Completed** 12/06/2023 **Ground Elevation** -32.20 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0			Lean clay (CL), 5-15% peat, Peat means organics; respirator donned [NATIVE] - gray to brown, moist, soft - no odor, no staining
2			Lean clay (CL), 5-15% peat, <10% fine sand Peat means organics respirator donned [NATIVE] - gray to brown, wet, soft - no staining
4			
6			Lean clay (CL), 35-45% peat, Peat means organics [NATIVE] - gray to brown, moist, soft - peaty odor, no staining
8			Organic soil (OL), 15-25% clay [NATIVE] - brown to black, wet, soft - hydrocarbon odor, no staining
10			
12	271.5		
14			Lean clay (CL), 15-25% peat, Peat means organics. Respirators donned can't smell [NATIVE] - gray to brown, moist, firm - no staining
16			
18			Lean clay (CL), <10% peat, Peat means organics,respiratrsdonned [NATIVE] - gray, moist, firm - no staining
20			

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AECOM

TS-06 DG-10

Total Depth 20.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware

Project Number 60707136 **Latitude** 39.60451500 **Longitude** -75.63658900

Date Started 12/08/2023 **Completed** 12/08/2023 **Ground Elevation** -33.80 **Hole Size** 2 in

Drilling Contractor Active Environmental Technologies, Inc - D. Turner

Drilling Equipment Geoprobe 7822DT

Drilling Method 2" Direct Push

Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0.41		Lean clay (CL), 10-20% peat, <10% sand Peat means organics [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
	14.43		Lean clay (CL), <10% sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
2	238.7		Lean clay (CL), <10% sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
4	31.3		Lean clay (CL), <10% sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
6	56.29 52.99 100.76 24.74		Lean clay (CL), <10% sand No recovery from 5-6.5 feet [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
8	48.27 39.82 120.7		Lean clay (CL), <10% sand [NATIVE] - gray, dry, soft - hydrocarbon odor, no staining
10	34.72 205.9 101.21		Lean clay (CL), 15-25% peat, <10% sand [NATIVE] - gray to brown, dry, soft - hydrocarbon odor, no staining
12	28.06 48.38 136.3		Lean clay (CL), <10% sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
14	75.85 113.9 101.16		Lean clay (CL), <10% sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
	64.85 93.55 55.78		Lean clay (CL), 10-20% peat, <10% sand Peat means organics [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
16	67.92 57.88 38.06		Lean clay (CL), <10% sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
18	49.26 27.52 70.57 39.74 11.97		
20			

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AECOM

DG-11

Total Depth 3.0 ft

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60401632 **Longitude** -75.63679212
Date Started 12/15/2023 **Completed** 12/15/2023 **Ground Elevation** -34.96 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By L. Cheung **Checked By** C. Dugan

Depth	Sample	Recovery (%)	PID	Graphic	Material Description
0					
	DP	100	0		Lean clay (CL), <10% silt and fine sand [SEDIMENT] - gray, moist, soft - peaty odor, no staining
			0		
			0		Lean clay (CL), <10% silt and fine sand [SEDIMENT] - gray, moist, soft - peaty odor, no staining
			0.07		
2			0.1		
4					

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AECOM

DG-12

Total Depth 20.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60524900 **Longitude** -75.63708400
Date Started 12/04/2023 **Completed** 12/04/2023 **Ground Elevation** -34.44 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	Sample	PID	Graphic	Material Description
0	DP	0		Lean clay (CL), <10% peat, Peat means organics [NATIVE] - gray to brown, moist, firm - peaty odor, no staining
2	DP	0.02		
4				
6				Lean clay (CL), 35-45% peat, Peat means organics [NATIVE] - brown to black, moist, soft - peaty odor, no staining
8		0.13		Lean clay (CL), 15-25% peat, Peat means organics [NATIVE] - gray to brown, moist, firm - no odor, no staining
10				Lean clay (CL) [NATIVE] - gray to brown, moist, firm - hydrocarbon odor, no staining
12				
14		0.21		
16				Lean clay (CL), 30-40% peat, Peat means organics [NATIVE] - brown to black, wet, soft - hydrocarbon odor, no staining
18				
20		0		

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AECOM

DG-13

Total Depth 1.0 **ft**

Client USEPA R3
Project Name Standard Chlorine of Delaware
Project Number 60707136
Latitude 39.60531357 **Longitude** -75.63787064
Date Started 12/01/2023 **Completed** 12/01/2023
Ground Elevation -31.89 **Hole Size** 2 in
Drilling Contractor C. Hoffman
Drilling Equipment Hand Auger
Drilling Method 2" Hand Auger
Logged By C. Brehm **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0		Lean clay (CL), <10% peat, Peat means organic [NATIVE] - gray, moist, soft - no odor, no staining
	0		
	0		
2			

(Continued Next Page)

AECOM

TS-07 DG-14

Total Depth 20.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60318857 **Longitude** -75.63719051
Date Started 12/12/2023 **Completed** 12/12/2023 **Ground Elevation** -34.88 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0			Lean clay (CL), 35-45% peat, Peat means organics [NATIVE] - brown to black, moist, soft - no odor, no staining
2			Clayey sand (SC), medium, subangular, 25-35% clay, <10% peat, Peat means organics [NATIVE] - gray to brown, wet, soft - hydrocarbon odor, no staining
4			Lean clay (CL), 5-15% peat, <10% fine to medium sand Peat means organics [NATIVE] - gray, moist, firm - hydrocarbon odor, no staining
6			
	16.97		Lean clay (CL), 5-15% fine to medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
	7.11		
	5.61		
8	8.4		
	6.46		Lean clay (CL), 10-20% peat, <10% fine to medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
	5.47		
	108.7		
10			Lean clay (CL), <10% fine to medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
	18.9		
	51.03		
12	14.36		
	36.54		Lean clay (CL), <10% fine to medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
	18.26		
	14.54		
	36.12		
14	81.8		Lean clay (CL), 5-15% peat, <10% fine to medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
	49.12		
	26.8		
	33.71		Lean clay (CL), 15-25% peat, <10% fine to medium sand [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
16	37.67		
	58.84		
	47.24		Lean clay with sand (CL), 10-20% medium sand 5-15% peat [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
18	10.73		
	5.93		Lean clay (CL), 5-15% peat, <10% fine to medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
	4.9		
	6.02		
20			

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AECOM

DG-15

Total Depth 20.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60269074 **Longitude** -75.63746302
Date Started 12/12/2023 **Completed** 12/12/2023 **Ground Elevation** -32.76 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0		Lean clay (CL) [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
2	2.2 1.71 0.52 0.55 2.62		Lean clay (CL), 5-15% peat, <10% fine to medium sand Peat means organics [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
4	2.35 0.5		Lean clay (CL), 5-15% medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
6	0 0.09 0.26 0.4 1.93		Lean clay with sand (CL), 10-20% medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
8	0.42 1.69 6.66 10.58		Lean clay (CL), 5-15% medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
10	0.13 0.09 0.21 1.02 0.47		Lean clay with sand (CL), 10-20% fine to medium sand 5-15% peat [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
12	2.75 7.87 9.65 8.45		Peat, 5-15% clay [NATIVE] - brown, moist, soft - hydrocarbon odor, no staining
14	8.32 0.68 0.45 1.55		Peat, 5-15% clay [NATIVE] - brown, moist, soft - hydrocarbon odor, no staining
16	11.64 138.3 206.4 135.7 107		Lean clay with sand (CL), 10-20% fine to medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, hydrocarbon staining
18	55.8 39.79 28.71 21.4		Well-graded sand with clay (SW-SC), medium to coarse, subrounded, 5-15% clay, <10% coarse gravel, Brown-orange staining [NATIVE] - brown, moist, soft - hydrocarbon odor, hydrocarbon staining
20			

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AECOM

DG-16

Total Depth 7.0 ft

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60269095 **Longitude** -75.63683447
Date Started 12/13/2023 **Completed** 12/13/2023 **Ground Elevation** -24.19 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0			Fat clay (CH), 5-15% fine sand <10% peat, Pink and white odeling through clay [NATIVE] - gray to brown, moist, firm - no odor, no staining
	0		
2			
	0		
	23.76		Poorly graded sand (SP), fine to medium, subrounded, <10% clay [NATIVE] - brown, moist, soft - hydrocarbon odor, no staining
	14		
4			
	18.64		
	2.3		
	5.76		Poorly graded sand (SP), fine to medium, subangular, Red color [NATIVE] - brown, dry, soft - hydrocarbon odor, no staining
	2.93		
6			
	8.3		
	9.99		
8			

(Continued Next Page)

AECOM

DG-17

Total Depth 7.0 ft

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60219683 **Longitude** -75.63730405
Date Started 12/13/2023 **Completed** 12/13/2023 **Ground Elevation** -24.73 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0		Well-graded sand (SW), fine, rounded, 35-45% peat, <10% clay, Peat means organic [NATIVE] - brown, dry, soft - no odor, no staining
	0		
	0		
	0		
	0		
2	0		Organic soil with sand (OL), 10-20% fine sand and clay, <10% coarse gravel, Soil [NATIVE] - brown, moist, soft - no odor, no staining
	0		
			Poorly graded sand (SP), fine to medium, subrounded, 5-15% coarse gravel [NATIVE] - brown, moist, soft - no odor, no staining
	0		
4	0		Poorly graded sand (SP), fine to medium, subrounded, 5-15% coarse gravel, <10% clay, Clay was in consolidated pieces [NATIVE] - brown, dry, soft - no odor, no staining
	0		
	0		
	0		
6	0		Well-graded sand (SW), fine to medium, subangular, <10% clay, Red color [NATIVE] - brown, dry, soft - no odor, no staining
	0		
8			

(Continued Next Page)

AECOM

TS-08 DG-18

Total Depth 20.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware

Project Number 60707136 **Latitude** 39.60187356 **Longitude** -75.63806631

Date Started 12/12/2023 **Completed** 12/12/2023 **Ground Elevation** -31.92 **Hole Size** 2 in

Drilling Contractor Active Environmental Technologies, Inc - D. Turner

Drilling Equipment Geoprobe 7822DT

Drilling Method 2" Direct Push

Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0.11		Lean clay (CL), 15-25% peat, 5-15% silt, <10% fine to medium sand X [NATIVE] - gray, wet, soft - no odor, no staining
2	0.14 8.94 4.26 4.08 1.15		Lean clay (CL), 10-20% silt, 5-15% peat, <10% fine to medium sand Peat means organics [NATIVE] - gray, moist, soft - peaty odor, no staining
4	0.55 1.16 0 0.24 0.12		Lean clay (CL), 10-20% silt, <10% fine to medium sand Peat means organics [NATIVE] - gray, moist, soft - peaty odor, no staining
6	1.06 7.6 13.94 14.74		Lean clay (CL), 5-15% silt, <10% fine to medium sand Peat means organics [NATIVE] - gray, moist, soft - peaty odor, no staining
8	24.1 80.72 169.9		Lean clay (CL), 5-15% silt, <10% fine to medium sand Peat means organics [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
10	43.91 14.38 2.72		Lean clay (CL), 15-25% peat, 5-15% silt, <10% fine to medium sand Peat means organics [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
	4.72 1		Lean clay (CL), 5-15% silt, <10% fine to medium sand [NATIVE] - gray, moist, very soft - hydrocarbon odor, no staining
12	5.59 66.3 17.9		Lean clay (CL), 5-15% silt, <10% fine to medium sand [NATIVE] - gray, moist, soft - hydrocarbon odor, no staining
14	2.57 0.75 1.52		Lean clay (CL), 15-25% peat, 5-15% silt, <10% fine to medium sand [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
16	0.04 5.76 6.25 5.18		Lean clay (CL), 10-20% peat, 5-15% silt, <10% fine to medium sand [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
	19.99 2.74 0.88		Lean clay (CL), 10-20% peat, 5-15% silt, <10% fine to medium sand [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
18	1.2 1.52 1.16		Lean clay (CL), 10-20% peat, 5-15% silt, <10% fine to medium sand [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
20	1.37		Lean clay (CL), 10-20% silt, 5-15% fine to medium sand Green staining [NATIVE] - gray, moist, very soft - hydrocarbon odor, hydrocarbon staining

(Continued Next Page)

AECOM

DG-19

Total Depth 7.0 ft

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60146807 **Longitude** -75.63769375
Date Started 12/14/2023 **Completed** 12/14/2023 **Ground Elevation** -30.56 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0			
	0.29		Sandy lean clay (CL), 30-40% fine to medium sand 5-15% peat, Peat means organic [NATIVE] - brown, dry, soft - peaty odor, no staining
	0.5		Sandy lean clay (CL), 30-40% fine sand 5-15% peat, <10% fine to coarse gravel, Peat means organics [NATIVE] - brown to black, moist, soft - no odor, no staining
2	0.1		Lean clay with sand (CL), 5-15% fine sand <10% fine gravel [NATIVE] - brown, moist, soft - no odor, no staining
	0.17		
4	1.63		
	0.22		
6	0.23		Clayey sand (SC), fine, subrounded, 30-40% clay [NATIVE] - brown, moist, soft - no odor, no staining
8			

(Continued Next Page)

AECOM

DG-20

Total Depth 7.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60136471 **Longitude** -75.63697966
Date Started 12/13/2023 **Completed** 12/13/2023 **Ground Elevation** -19.93 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	2.55		Lean clay (CL), <10% fine to medium sand <10% peat, <10% coarse gravel, Peat means organics [NATIVE] - gray to brown, moist, firm - no odor, no staining
2	1.19 0.12		Poorly graded gravel (GP), medium to coarse, subangular, 5-15% medium to coarse sand <10% peat, Peat means organics (grass) [NATIVE] - brown, moist, firm - no odor, no staining
	0.77 0.01		Poorly graded sand with gravel (SP), medium to coarse, subangular, 10-20% coarse gravel, <10% clay [NATIVE] - brown, dry, hard - no odor, no staining
4 6	0 0 0 0 0 0		Poorly graded gravel with sand (GP), medium, subrounded, 15-25% fine to medium sand <10% clay, Red color, quartz spot [NATIVE] - brown, dry, hard - no odor, no staining
8			

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AECOM

TS-01

Total Depth 10.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60478975 **Longitude** -75.63550796
Date Started 12/08/2023 **Completed** 12/08/2023 **Ground Elevation** -35.07 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0.28		Lean clay (CL), 5-15% peat, 5-15% silt, <10% fine to medium sand Peat means organics [NATIVE] - gray, wet, very soft - peaty odor, no staining
	0.22		
	0.24		
	1.4		
	0.27		
2	0.42		Lean clay (CL), 15-25% silt, <10% peat, Peat means organics [NATIVE] - gray, wet, very soft - peaty odor, no staining
	0.45		
	3.58		
	0.43		
4	1.41		Lean clay (CL), <10% silt, No recovery from 5-8 feet [NATIVE] - gray, moist, soft - peaty odor, no staining
	0.25		
6			
8	5.73		Lean clay (CL), 5-15% peat, <10% silt, Peat means organics [NATIVE] - gray to brown, moist, soft - peaty odor, no staining
	2.6		
	2.09		
	1.1		
	0.19		
10			

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AECOM

TS-02

Total Depth 10.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60500283 **Longitude** -75.63586516
Date Started 12/06/2023 **Completed** 12/06/2023 **Ground Elevation** -35.70 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	Sample	PID	Graphic	Material Description
0	DP	0.22		Lean clay (CL), 5-15% peat, Peat means organics.respirator cannot smell [NATIVE] - gray to brown, moist, firm - no staining
2				
4				
6				Lean clay (CL), <10% peat, Peat means organics. Respirator donned [NATIVE] - gray, moist, soft - no staining
8		0.3		Organic soil (OL), 10-20% clay, Respirator donned, purple hue [NATIVE] - brown, moist, soft - no staining
10				

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AECOM

TS-03

Total Depth 7.0 ft

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60505300 **Longitude** -75.63681000
Date Started 12/05/2023 **Completed** 12/05/2023 **Ground Elevation** -32.20 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0			Lean clay (CL), <10% peat, Peat means organics [NATIVE] - gray, wet, soft - hydrocarbon odor, no staining
			Lean clay (CL), Peat means organics [NATIVE] - brown to black, moist, firm - no odor, no staining
2			
	8.97		
4			
			Lean clay (CL), Respirator donned couldn't smell [NATIVE] - gray, moist, hard - no odor, no staining
6			
	0.13		
8			

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AECOM

TS-04

Total Depth 7.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60516900 **Longitude** -75.63793100
Date Started 11/30/2023 **Completed** 11/30/2023 **Ground Elevation** -32.20 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By C. Brehm **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0	0		Sandy lean clay (CL), 25-35% fine to medium sand 5-15% peat, Peat means organic [NATIVE] - brown, wet, very soft - no odor, no staining
	0		Lean clay (CL), 5-15% fine sand <10% peat, Peat means organic [NATIVE] - brown, wet, soft - no odor, no staining
2	0		Lean clay (CL), <10% fine sand <10% peat, Peat means organic. Collected at 1315; jarred 1350 [NATIVE] - brown, wet, very soft - no odor, no staining
4	0		Lean clay (CL), 5-15% fine sand <10% peat, Peat means organic.MS/MSD collected [NATIVE] - brown, wet, soft - peaty odor, no staining
6	0		Sandy lean clay (CL), 25-35% fine to medium sand <10% coarse gravel, Refusal at 7 feet [NATIVE] - brown, wet, soft - no odor, no staining
8			

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AECOM

TS-05

Total Depth 10.0 **ft**

Client USEPA R3 **Project Name** Standard Chlorine of Delaware
Project Number 60707136 **Latitude** 39.60367100 **Longitude** -75.63681000
Date Started 12/13/2023 **Completed** 12/13/2023 **Ground Elevation** -32.20 **Hole Size** 2 in
Drilling Contractor Active Environmental Technologies, Inc - D. Turner
Drilling Equipment Geoprobe 7822DT
Drilling Method 2" Direct Push
Logged By A. Sprague-Getsy **Checked By** C. Dugan

Depth	PID	Graphic	Material Description
0			Lean clay (CL), 5-15% peat, Peat means organics [NATIVE] - gray to brown, wet, very soft - no odor, no staining
2			Lean clay (CL), <10% peat, <10% fine sand Peat means organics [NATIVE] - gray to brown, moist, soft - hydrocarbon odor, no staining
4			Lean clay (CL), 5-15% peat, <10% fine sand Peat means organic [NATIVE] - gray to brown, wet, soft - hydrocarbon odor, no staining
6			Lean clay (CL), <10% peat, Peat means organic [NATIVE] - gray, moist, soft - no odor, no staining
8			Organic soil (OL), 5-15% clay [NATIVE] - gray to brown, moist, soft - peaty odor, no staining
10			

(Continued Next Page)

Attachment C: Analytical Summary

VOCs/SVOCs Data

Attachment C - Data Gap Investigation Analytical Summary

Volatiles and Semivolatiles

Standard Chlorine of Delaware Superfund Site - OU2

Location				DG-01	DG-01	DG-02	DG-02	DG-02	DG-03	DG-03	DG-03	DG-03	DG-04	DG-04	DG-05	DG-05	DG-05	DG-06	DG-06	DG-07	DG-07	DG-07	DG-08	DG-08	DG-09	DG-09	DG-09	DG-09	DG-09	DG-09	DG-09	DG-09	DG-09	DG-09
Field Sample Name				DG-01-0001	DG-01-0102	DG-02-0001	DG-02-0102	DG-02-0102-D	DG-03-0001	DG-03-0001ME	DG-03-0102	DG-03-0102ME	DG-04-0001	DG-04-0102	DG-05-0001	DG-05-0102	DG-05-0102ME	DG-06-0001	DG-06-0102	DG-07-0001	DG-07-0102	DG-07-0102-D	DG-08-0001	DG-08-0001ME	DG-09-0002	DG-09-0204	DG-09-0406	DG-09-0608	DG-09-0608ME	DG-09-0810	DG-09-1012	DG-09-1214	DG-09-1416	DG-09-1618
CLP Sample Name				C0AQ0	C0AQ1	C0AQ2	C0AQ3	C0AQ4	C0AQ5	C0AQ5ME	C0AQ6	C0AQ6ME	C0AQ7	C0AQ8	C0AR6	C0AS7	C0AS7ME	C0AQ9	C0AR0	C0AR1	C0AR2	C0AR3	C0AR4	C0AR4ME	C0AR7	C0AR8	C0AR9	C0AS0	C0AS0ME	C0AS1	C0AS2	C0AS3	C0AS4	C0AS5
Sample Date				12/14/2023	12/14/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	11/28/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/1/2023	12/1/2023	12/14/2023	12/14/2023	12/14/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023
Sample Type				N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
Depth Interval				0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	0 - 1 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	6 - 8 ft	8 - 10 ft	10 - 12 ft	12 - 14 ft	14 - 16 ft	16 - 18 ft
Analyte	Unit	PRG (µg/kg)	DNAPL Saturation (µg/kg)	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane (TCA)	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,1,2,2-TETRACHLOROETHANE	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,1,2-Trichloroethane	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,1-Dichloroethane	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,1-Dichloroethene	ug/kg	180		< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,2,3,4-TETRACHLOROBENZENE	ug/kg	702	17000	< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	260	-	5000	1700	2800	2100	-	51000 D	79000 D	77000 D	2000	4400
1,2,3-Trichlorobenzene	ug/kg	858	150000	< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	31	1400 D	310000 D	760000 D	40000 JD	19000 E	2000000 D	17000000 D	2800000 D	6700000 D	1500000 D	690000 D
1,2,3-TRICHLOROPROPANE	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,2,3-Trimethyl Benzene	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-TETRACHLOROBENZENE	ug/kg	1090	2100	< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	96 J	-	1600	550	1000	690	-	19000 D	26000 D	25000 D	700	1200
1,2,4-TRICHLOROBENZENE	ug/kg	2100	404000	< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	100	7100	1100 E	24000	< 13000 U	< 51000 U	< 17 U	< 12 U	530 J	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	1400 E	14000 D	640000 D	910000 D	63000 JD	27000 E	4300000 D	59000000 D	8100000 D	28000000 D	6100000 D	2000000 D
1,2,4-Trimethylbenzene	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	3.1 J	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,2-Dibromo-3-Chloropropane	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,2-Dichlorobenzene	ug/kg	16.5	376000	< 23000 U	92000 JD	8.6 J	2.3 J	< 16 U	740	18000	7400 E	44000 D	< 13000 U	< 51000 U	2.7 J	< 12 U	330 J	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	1500 E	7500 D	200000 D	480000 D	160000 D	14000 E	560000 D	13000000 D	2900000 D	4600000 D	1100000 D	460000 D
1,2-Dichloroethane	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,2-DICHLOROPROPANE	ug/kg	333		< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,3,5-TRICHLOROBENZENE	ug/kg		33000	< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	18 J	330 J	14	290 J	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	11	< 750 U	< 100000 U	< 97000 U	4400	370	20000 JD	120000 JD	14000 JD	39000 JD	8500 JD	< 49000 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg			< 23000 U	< 520000 U	< 21 U	< 15 U	< 16 U	< 22 U	< 1700 U	< 8.2 U	< 660 U	< 13000 U	< 51000 U	< 17 U	< 12 U	< 720 U	< 680 U	< 4900 U	< 8300 U	< 7200 U	< 3000 U	< 5.4 U	< 750 U	< 100000 U	< 97000 U	< 980 U	< 13 U	< 120000 U	< 200000 U	< 98000 U	< 180000 U	< 47000 U	< 49000 U
1,3-DICHLOROBENZENE	ug/kg	4430	170000	9000 JD	600000 D	4.8 J	< 15 U	< 16 U	690	6400	1300 E	10000	< 13000 U	< 51000 U	2.5 J	< 12 U	110 J	130 J	< 4900 U	< 8300 U	< 7200 U	< 3000 U	1500 E	7200 D	77000 JD	150000 D	72000 JD	11000 E	240000 D	2700000 D	490000 D	740000 D	190000 D	95000 D
1,4-DICHLOROBENZENE	ug/kg	599	280000	32000 D	4900000 D	11 J	2.0 J	3.9 J	2300 E	18000	4600 E	26000	6400 JD	32000 JD	3.5 J	2.1 J	270 J	490 J	1500 J	4900 JD	8500 D	770 JD	2900 E	13000 D	2000000 D	7000000 D	1300000 D	23000 E	5100000 D	75000000 D	15000000 D	24000000 D	5400000 D	3000000 D
1,4-Dioxane (P-Dioxane)	ug/kg			< 190 U	< 330 U	< 200 U	< 200 U	< 130 U	< 210 U	-	< 100 U	-	< 220 U	< 310 U	< 200 U	< 120 U	-	< 120 U	< 400 U	< 130 U	< 110 U	< 110 U	< 81 U	-	< 150 U	< 130 U	< 150 U	< 130 U	-	< 280 U	< 190 U	< 260 U	< 120 U	< 140 U
1-Methylnaphthalene	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	< 330 U	-	< 710 U	< 480 U	< 660 U	< 310 U	< 360 U
2,3,4,6-TETRACHLOROPHENOL	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	< 330 U	-	< 710 U	< 480 U	< 660 U	< 310 U	< 360 U
2,4,5-TRICHLOROPHENOL	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	< 330 U	-	< 710 U	< 480 U	< 660 U	< 310 U	< 360 U
2,4,6-TRICHLOROPHENOL	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	< 330 U	-	< 710 U	< 480 U	< 660 U	< 310 U	< 360 U
2,4-DICHLOROPHENOL	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	< 330 U	-	< 710 U	< 480 U	< 660 U	< 310 U	< 360 U
2,4-DIMETHYLPHENOL	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	< 330 U	-	< 710 U	< 480 U	< 660 U	< 310 U	< 360 U
2,4-DINITROPHENOL	ug/kg			< 950 U	< 1600 U	< 1000 U	< 1000 U	< 630 U	< 1100 U	-	< 520 U	-	< 1100 U	< 1500 U	< 970 U	< 610 U	-	< 580 U	< 2000 U	< 640 U	< 570 U	< 540 U	< 400 U	-	< 740 U	< 640 U	< 720 U	< 640 U	-	< 1400 U	< 930 U	< 1300 U	< 600 U	< 700 U
2,4-DINITROTOLUENE	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	< 330 U	-	< 710 U	< 480 U	< 660 U	< 310 U	< 360 U
2,6-DINITROTOLUENE	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	< 330 U	-	< 710 U	< 480 U	< 660 U	< 310 U	< 360 U
2-CHLORONAPHTHALENE	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	< 330 U	-	< 710 U	< 480 U	< 660 U	< 310 U	< 360 U
2-CHLOROPHENOL	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	< 270 U	-	< 570 U	< 790 U	< 500 U	< 320 U	-	< 300 U	< 1000 U	< 330 U	< 290 U	< 280 U	< 210 U	-	< 380 U	< 330 U	< 370 U	110 J	-	530 J	< 480 U	< 660 U	< 310 U	190 J
2-HEXANONE	ug/kg			< 46000 U	< 1000000 U	< 43 U	< 30 U	< 32 U	< 45 U	< 3500 U	< 16 U	< 1300 U	< 27000 U	< 100000 U	< 33 U	< 23 U	< 1400 U	< 1400 U	< 9800 U	< 17000 U	< 14000 U	< 6100 U	< 11 U	< 1500 U	< 210000 U	< 190000 U	< 2000 U	< 25 U	< 240000 U	< 390000 U	< 200000 U	< 350000 U	< 95000 U	< 97000 U
2-Methylnaphthalene	ug/kg	120		< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2-METHYLPHENOL (O-CRESOL)	ug/kg			< 950 U	< 1600 U	< 1000 U	< 1000 U	< 630 U	< 1100 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2-NITROANILINE	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2-NITROPHENOL	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3,3'-DICHLOROBENZIDINE	ug/kg			< 950 U	< 1600 U	< 1000 U	< 1000 U	< 630 U	< 1100 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3-NITROANILINE	ug/kg			< 950 U	< 1600 U	< 1000 U	< 1000 U	< 630 U	< 1100 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4,6-DINITRO-2-METHYLPHENOL	ug/kg			< 950 U	< 1600 U	< 1000 U	< 1000 U	< 630 U	< 1100 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4-BROMOPHENYL PHENYL ETHER	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4-CHLORO-3-METHYLPHENOL	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4-CHLOROANILINE	ug/kg			< 950 U	< 1600 U	< 1000 U	< 1000 U	< 630 U	< 1100 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4-CHLOROPHENYL PHENYL ETHER	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4-METHYLPHENOL (P-CRESOL)	ug/kg			< 950 U	< 1600 U	< 1000 U	< 1000 U	< 630 U	< 1100 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4-Nitroaniline	ug/kg			< 950 U	< 1600 U	< 1000 U	< 1000 U	< 630 U	< 1100 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4-NITROPHENOL	ug/kg			< 950 U	< 1600 U	< 1000 U	< 1000 U	< 630 U	< 1100 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Acenaphthene	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ACENAPHTHYLENE	ug/kg			< 490 U	< 840 U	< 520 U	< 510 U	< 320 U	< 550 U	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ACETONE	ug/kg	80		< 46000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Acetophenone	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANTHRACENE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ATRAZINE	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BENZALDEHYDE	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzene	ug/kg	137	1820000	13000 JD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BENZO(A)ANTHRACENE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BENZO(A)PYRENE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(B)Fluoranthene	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(G,H,I)Perylene	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(K)Fluoranthene	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BENZYL BUTYL PHTHALATE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BIPHENYL (DIPHENYL)	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BIS(2-CHLOROETHOXY) METHANE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BIS(2-CHLOROETHYL) ETHER (2-CHLOROE	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BIS(2-CHLOROISOPROPYL) ETHER	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BIS(2-ETHYLHEXYL) PHTHALATE	ug/kg	680		< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BROMOCHLOROMETHANE	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BROMODICHLOROMETHANE	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BROMOFORM	ug/kg	654		< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BROMOMETHANE	ug/kg	1.37		< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Caprolactam	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CARBAZOLE	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CARBON DISULFIDE	ug/kg	0.851		< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CARBON TETRACHLORIDE	ug/kg	64		< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chlorobenzene	ug/kg	50	761000	600000 D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHLOROETHANE	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chloroform	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHLOROMETHANE	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHRYSENE	ug/kg	460		< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CIS-1,2-DICHLOROETHYLENE	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cis-1,3-Dichloropropene	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cyclohexane	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DIBENZ(A,H)ANTHRACENE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dibenzofuran	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DIBROMOCHLOROMETHANE	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dichlorodifluoromethane	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Diethyl Phthalate	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DIMETHYL PHTHALATE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Di-N-Butyl Phthalate	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DI-N-OCTYLPHTHALATE	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ethylbenzene	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FLUORANTHENE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FLUORENE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HEXACHLOROBENZENE	ug/kg	69	60	< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hexachlorobutadiene	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HEXACHLOROCYCLOPENTADIENE	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HEXACHLOROETHANE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INDENO(1,2,3-C,D)PYRENE	ug/kg	58		< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ISOPHORONE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Isopropylbenzene (Cumene)	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
m,p-Xylene	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
METHYL ACETATE	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Methyl Ethyl Ketone (2-Butanone)	ug/kg	42.4		< 46000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
METHYL ISOBUTYL KETONE (4-METHYL-2-F	ug/kg			< 46000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Methylcyclohexane	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Methylene Chloride	ug/kg	170		< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Naphthalene	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NITROBENZENE	ug/kg		3050000	< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
N-NITROSODI-N-PROPYLAMINE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
N-NITROSODIPHENYLAMINE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
o-Xylene (1,2-Dimethylbenzene)	ug/kg			< 23000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PENTACHLOROBENZENE	ug/kg	460000	1400	< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PENTACHLOROPHENOL	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHENANTHRENE	ug/kg			< 490 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHENOL	ug/kg			< 950 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PYRENE	ug/kg			< 490 U	< 840 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Styrene	ug/kg			< 23000 U	< 520000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TERT-BUTYL METHYL ETHER	ug/kg			< 23000 U	< 520000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tetrachloroethylene (PCE)	ug/kg			< 23000 U	< 520000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Toluene	ug/kg			< 23000 U	< 520000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total Chlorobenzenes	ug/kg			654000	8302000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Trans-1,2-Dichloroethylene	ug/kg			< 23000 U	< 520000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Trans-1,3-Dichloropropene	ug/kg			< 23000 U	< 520000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Trichloroethylene (TCE)	ug/kg			< 23000 U	< 520000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Trichlorofluoromethane	ug/kg			< 23000 U	< 520000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Vinyl Chloride	ug/kg			< 23000 U	< 520000 U	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Xylenes, Total	ug/kg			-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Notes:

Exceeds PRG concentrations

Exceeds DNAPL saturation concentrations

Exceeds DNAPL, but not PRGs

N - Routine sample

* - LCS and/or LCSD is outside acceptance limits, low biased, refer to case narrative.

< - Detection is at or below the Method Detection Limt

cn - Refers to the laboratory case narrative.

D - Dry weight basis of reporting

FD - Field duplicate

J - estimated value below the reporting limit but above the method detection limit

U - value was below the method detection limit (non-detect)

ug/kg - micrograms per kilogram

Attachment C - Data Gap Investigation Analytical Summary
Volatiles and Semivolatiles
Standard Chlorine of Delaware Superfund Site - OU2

			Location	DG-09	DG-09	DG-10	DG-10	DG-10	DG-10	DG-10	DG-11	DG-11	DG-12	DG-12	DG-12	DG-12	DG-12	DG-12
			Field Sample Name	DG-09-1820	DG-09-1618-D	DG-10-1012	DG-10-1214	DG-10-1416	DG-10-1618	DG-10-1820	DG-11-0001	DG-11-0102	DG-12-0001	DG-12-0001ME	DG-12-0102	DG-12-0102ME	DG-12-0406	DG-12-0406ME
			CLP Sample Name	C0AT9	C0AS6	C0AS9	C0AW6	C0AT0	C0AT1	C0AT2	C0AT3	C0AT4	C0AT5	C0AT5ME	C0AT6	C0AT6ME	C0AT8	C0AT8ME
			Sample Date	12/6/2023	12/6/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/15/2023	12/15/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023
			Sample Type	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
			Depth Interval	18 - 20 ft	16 - 18 ft	10 - 12 ft	12 - 14 ft	14 - 16 ft	16 - 18 ft	18 - 20 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	4 - 6 ft	4 - 6 ft
Analyte	**Unit**	**PRG (µg/kg)**	**DNAPL Saturation (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane (TCA)	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,1,2,2-TETRACHLOROETHANE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,1,2-Trichloroethane	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,1-Dichloroethane	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,1-Dichloroethene	ug/kg	180		< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	2.3 J	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,2,3,4-TETRACHLOROBENZENE	ug/kg	702	17000	2300	6200 D	950	36000 D	89000 D	11000 D	180000 D	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
1,2,3-Trichlorobenzene	ug/kg	858	150000	210000 D	700000 D	14000 JD	1700000 D	4700000 D	440000 D	44000 JD	< 650 U	75 J	< 16 U	180 J	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,2,3-TRICHLOROPROPANE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,2,3-Trimethyl Benzene	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-TETRACHLOROBENZENE	ug/kg	1090	2100	530	1900	270 J	13000 D	31000 D	3100	62000 D	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
1,2,4-TRICHLOROBENZENE	ug/kg	2100	404000	120000 D	1800000 D	26000 JD	6300000 D	14000000 D	1900000 D	92000 D	< 650 U	< 770 U	< 16 U	630 J	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,2,4-Trimethylbenzene	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,2-Dibromo-3-Chloropropane	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,2-Dichlorobenzene	ug/kg	16.5	376000	150000 D	470000 D	11000 JD	1400000 D	3300000 D	270000 D	230000 D	< 650 U	< 770 U	3.5 J	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,2-Dichloroethane	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,2-DICHLOROPROPANE	ug/kg	333		< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,3,5-TRICHLOROBENZENE	ug/kg		33000	< 42000 U	7100 JD	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
1,3-DICHLOROBENZENE	ug/kg	4430	170000	30000 JD	120000 D	6200 JD	210000 JD	690000 D	41000 JD	37000 JD	< 650 U	430 J	49	1100	1.8 J	< 490 U	120	< 3100 U
1,4-DICHLOROBENZENE	ug/kg	599	280000	880000 D	3400000 D	140000 D	7400000 D	23000000 D	1400000 D	1600000 D	360 J	990	130	3400	110	1300	200	550 J
1,4-Dioxane (P-Dioxane)	ug/kg			< 130 U	< 140 U	< 120 U	< 190 U	< 330 U	< 160 U	< 190 U	< 110 U	< 120 U	< 120 U	-	< 100 U	-	< 360 U	-
1-Methylnaphthalene	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2,3,4,6-TETRACHLOROPHENOL	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2,4,5-TRICHLOROPHENOL	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2,4,6-TRICHLOROPHENOL	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2,4-DICHLOROPHENOL	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2,4-DIMETHYLPHENOL	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2,4-DINITROPHENOL	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
2,4-DINITROTOLUENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2,6-DINITROTOLUENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2-CHLORONAPHTHALENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2-CHLOROPHENOL	ug/kg			< 340 U	200 J	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2-HEXANONE	ug/kg			< 83000 U	< 120000 U	< 59000 U	< 470000 U	< 1200000 U	< 190000 U	< 150000 U	< 1300 U	< 1500 U	< 33 U	< 1600 U	< 17 U	< 980 U	< 86 U	< 6200 U
2-Methylnaphthalene	ug/kg	120		< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2-METHYLPHENOL (O-CRESOL)	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
2-NITROANILINE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
2-NITROPHENOL	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
3,3'-DICHLOROBENZIDINE	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
3-NITROANILINE	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
4,6-DINITRO-2-METHYLPHENOL	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
4-BROMOPHENYL PHENYL ETHER	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
4-CHLORO-3-METHYLPHENOL	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
4-CHLOROANILINE	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
4-CHLOROPHENYL PHENYL ETHER	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
4-METHYLPHENOL (P-CRESOL)	ug/kg			350 J	360 J	83 J	470 J	450 J	110 J	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
4-Nitroaniline	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
4-NITROPHENOL	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
Acenaphthene	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
ACENAPHTHYLENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
ACETONE	ug/kg	80		< 83000 U	< 120000 U	< 59000 U	< 470000 U	< 1200000 U	< 190000 U	< 150000 U	< 1300 U	< 1500 U	< 33 U	< 1600 U	12 J	< 980 U	120	< 6200 U
Acetophenone	ug/kg			< 650 U	< 700 U	< 600 U	410 J	1700	< 780 U	630 J	< 540 U	< 570 U	< 610 U	-	< 490 U	-	1300 J	-
ANTHRACENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
ATRAZINE	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
BENZALDEHYDE	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	670 J	< 780 U	390 J	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
Benzene	ug/kg	137	1820000	< 42000 U	43000 JD	89000 D	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	3.5 J	< 820 U	83	680	2900 E	4900
BENZO(A)ANTHRACENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
BENZO(A)PYRENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
Benzo(B)Fluoranthene	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
Benzo(G,H,I)Perylene	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
Benzo(K)Fluoranthene	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
BENZYL BUTYL PHTHALATE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
BIPHENYL (DIPHENYL)	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
BIS(2-CHLOROETHOXY) METHANE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
BIS(2-CHLOROETHYL) ETHER (2-CHLORO	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
BIS(2-CHLOROISOPROPYL) ETHER	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
BIS(2-ETHYLHEXYL) PHTHALATE	ug/kg	680		< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
BROMOCHLOROMETHANE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
BROMODICHLOROMETHANE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
BROMOFORM	ug/kg	654		< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
BROMOMETHANE	ug/kg	1.37		< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Caprolactam	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
CARBAZOLE	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
CARBON DISULFIDE	ug/kg	0.851		< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
CARBON TETRACHLORIDE	ug/kg	64		< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Chlorobenzene	ug/kg	50	761000	40000 JD	820000 D	790000 D	520000 D	1500000 D	35000 JD	75000 D	5900	12000	3100 E	47000 D	3300 E	48000 D	6300 E	10000
CHLOROETHANE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Chloroform	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
CHLOROMETHANE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
CHRYSENE	ug/kg	460		< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
CIS-1,2-DICHLOROETHYLENE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
cis-1,3-Dichloropropene	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Cyclohexane	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
DIBENZ(A,H)ANTHRACENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
Dibenzofuran	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
DIBROMOCHLOROMETHANE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Dichlorodifluoromethane	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Diethyl Phthalate	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
DIMETHYL PHTHALATE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
Di-N-Butyl Phthalate	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
DI-N-OCTYLPHTHALATE	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
Ethylbenzene	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
FLUORANTHENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
FLUORENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
HEXACHLOROBENZENE	ug/kg	69	60	< 340 U	< 360 U	< 310 U	< 480 U	230 J	< 400 U	480	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
Hexachlorobutadiene	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
HEXACHLOROCYCLOPENTADIENE	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
HEXACHLOROETHANE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
INDENO(1,2,3-C,D)PYRENE	ug/kg	58		< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
ISOPHORONE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
Isopropylbenzene (Cumene)	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
m,p-Xylene	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
METHYL ACETATE	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	250 J	710 J	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	42.4		< 83000 U	< 120000 U	< 59000 U	< 470000 U	< 1200000 U	< 190000 U	< 150000 U	< 1300 U	< 1500 U	< 33 U	< 1600 U	< 17 U	< 980 U	< 86 U	< 6200 U
METHYL ISOBUTYL KETONE (4-METHYL-2-	ug/kg			< 83000 U	< 120000 U	< 59000 U	< 470000 U	< 1200000 U	< 190000 U	< 150000 U	< 1300 U	< 1500 U	< 33 U	< 1600 U	< 17 U	< 980 U	< 86 U	< 6200 U
Methylcyclohexane	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Methylene Chloride	ug/kg	170		< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Naphthalene	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
NITROBENZENE	ug/kg		3050000	< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
N-NITROSODI-N-PROPYLAMINE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
N-NITROSODIPHENYLAMINE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
o-Xylene (1,2-Dimethylbenzene)	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
PENTACHLOROBENZENE	ug/kg	460000	1400	280 J	590	< 310 U	3700	8400	1000	21000 D	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
PENTACHLOROPHENOL	ug/kg			< 650 U	< 700 U	< 600 U	< 920 U	< 1700 U	< 780 U	< 920 U	< 540 U	< 570 U	< 610 U	-	< 490 U	-	< 1800 U	-
PHENANTHRENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
PHENOL	ug/kg			150 J	180 J	< 600 U	330 J	920 J	< 780 U	250 J	< 540 U	< 570 U	< 610 U	-	< 490 U	-	340 J	-
PYRENE	ug/kg			< 340 U	< 360 U	< 310 U	< 480 U	< 850 U	< 400 U	< 470 U	< 280 U	< 290 U	< 310 U	-	< 250 U	-	< 910 U	-
Styrene	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
TERT-BUTYL METHYL ETHER	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Tetrachloroethylene (PCE)	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Toluene	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	1.4 J	< 490 U	< 43 U	< 3100 U
Total Chlorobenzenes	ug/kg			1433110	7368790	1077420	17582700	47318630	4101100	2341480	6260	13495	3286	52310	3494.8	49980	9520	15450
Trans-1,2-Dichloroethylene	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Trans-1,3-Dichloropropene	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Trichloroethylene (TCE)	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Trichlorofluoromethane	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Vinyl Chloride	ug/kg			< 42000 U	< 61000 U	< 30000 U	< 230000 U	< 620000 U	< 94000 U	< 75000 U	< 650 U	< 770 U	< 16 U	< 820 U	< 8.4 U	< 490 U	< 43 U	< 3100 U
Xylenes, Total	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Location	DG-12	DG-12	DG-12	DG-12	DG-12	DG-12	DG-12	DG-12	DG-12	DG-13	DG-14	DG-14	DG-14	DG-14	DG-14	DG-15
Field Sample Name	DG-12-0608	DG-12-0608ME	DG-12-0810	DG-12-0810ME	DG-12-1012	DG-12-1214	DG-12-1416	DG-12-1618	DG-12-1820	DG-13-0001	DG-14-1012	DG-14-1214	DG-14-1416	DG-14-1618	DG-14-1820	DG-15-0002
CLP Sample Name	C0AY1	C0AY1ME	C0AY2	C0AY2ME	C0AY3	C0AY4	C0AY5	C0AY6	C0AY7	C0AY8	C0AX3	C0AX4	C0AZ1	C0AX5	C0AX6	C0AX7
Sample Date	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/1/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023
Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth Interval	6 - 8 ft	6 - 8 ft	8 - 10 ft	8 - 10 ft	10 - 12 ft	12 - 14 ft	14 - 16 ft	16 - 18 ft	18 - 20 ft	0 - 1 ft	10 - 12 ft	12 - 14 ft	14 - 16 ft	16 - 18 ft	18 - 20 ft	0 - 2 ft
Analyte	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane (TCA)	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,1,2,2-TETRACHLOROETHANE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,1,2-Trichloroethane	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,1-Dichloroethane	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,1-Dichloroethene	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,2,3,4-TETRACHLOROBENZENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	160 J	< 710 U	< 400 U	120 J	< 480 U	< 250 U
1,2,3-Trichlorobenzene	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,2,3-TRICHLOROPROPANE	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,2,3-Trimethyl Benzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-TETRACHLOROBENZENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
1,2,4-TRICHLOROBENZENE	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,2,4-Trimethylbenzene	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,2-Dibromo-3-Chloropropane	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,2-Dibromoethane (Ethylene Dibromide)	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,2-Dichlorobenzene	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	17000 JD	< 55000 U	< 120000 U	66000 D	< 9400 U	< 690 U
1,2-Dichloroethane	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,2-DICHLOROPROPANE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,3,5-TRICHLOROBENZENE	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	23000 JD	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,3,5-Trimethylbenzene (Mesitylene)	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
1,3-DICHLOROBENZENE	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	130000 JD	92000 JD	1.3 J	160000 D	< 55000 U	26000 JD	80000 D	< 9400 U	< 690 U
1,4-DICHLOROBENZENE	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	89000 D	370000 D	230000 D	4.0 J	190000 D	110000 D	130000 D	2000000 D	6800 JD	< 690 U
1,4-Dioxane (P-Dioxane)	< 340 U	-	< 170 U	-	< 130 U	< 120 U	< 160 U	< 380 U	< 240 U	< 130 U	< 170 U	< 280 U	< 160 U	< 140 U	< 190 U	< 98 U
1-Methylnaphthalene	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2,3,4,6-TETRACHLOROPHENOL	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2,4,5-TRICHLOROPHENOL	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2,4,6-TRICHLOROPHENOL	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2,4-DICHLOROPHENOL	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2,4-DIMETHYLPHENOL	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2,4-DINITROPHENOL	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
2,4-DINITROTOLUENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2,6-DINITROTOLUENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2-CHLORONAPHTHALENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2-CHLOROPHENOL	< 860 U	-	< 420 U	-	< 330 U	< 300 U	95 J	500 J	< 610 U	< 320 U	< 440 U	170 J	< 400 U	80 J	< 480 U	< 250 U
2-HEXANONE	< 130 U	< 14000 U	< 34 U	< 2800 U	< 33 U	< 17 U	< 150000 U	< 270000 U	< 260000 U	< 19 U	< 180000 U	< 110000 U	< 250000 U	< 110000 U	< 19000 U	< 1400 U
2-Methylnaphthalene	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2-METHYLPHENOL (O-CRESOL)	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
2-NITROANILINE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
2-NITROPHENOL	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
3,3'-DICHLOROBENZIDINE	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
3-NITROANILINE	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
4,6-DINITRO-2-METHYLPHENOL	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
4-BROMOPHENYL PHENYL ETHER	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
4-CHLORO-3-METHYLPHENOL	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
4-CHLOROANILINE	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
4-CHLOROPHENYL PHENYL ETHER	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
4-METHYLPHENOL (P-CRESOL)	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	1100 J	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
4-Nitroaniline	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
4-NITROPHENOL	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
Acenaphthene	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
ACENAPHTHYLENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
ACETONE	170	< 14000 U	88	< 2800 U	27 J	13 J	< 150000 U	< 270000 U	< 260000 U	13 J	< 180000 U	< 110000 U	< 250000 U	< 110000 U	< 19000 U	< 1400 U
Acetophenone	1800	-	< 820 U	-	< 640 U	< 580 U	< 810 U	1500 J	820 J	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
ANTHRACENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
ATRAZINE	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
BENZALDEHYDE	480 J	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	190 J	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
Benzene	420	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	360000 D	510000 D	68000 JD	< 9.3 U	82000 JD	150000 D	150000 D	16000 JD	< 9400 U	< 690 U
BENZO(A)ANTHRACENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
BENZO(A)PYRENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
Benzo(B)Fluoranthene	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
Benzo(G,H,I)Perylene	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
Benzo(K)Fluoranthene	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
BENZYL BUTYL PHTHALATE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
BIPHENYL (DIPHENYL)	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
BIS(2-CHLOROETHOXY) METHANE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
BIS(2-CHLOROETHYL) ETHER (2-CHLORO	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
BIS(2-CHLOROISOPROPYL) ETHER	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
BIS(2-ETHYLHEXYL) PHTHALATE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
BROMOCHLOROMETHANE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
BROMODICHLOROMETHANE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
BROMOFORM	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
BROMOMETHANE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Caprolactam	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
CARBAZOLE	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
CARBON DISULFIDE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
CARBON TETRACHLORIDE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Chlorobenzene	38 J	< 6900 U	< 17 U	< 1400 U	20	< 8.5 U	2600000 D	5500000 D	2100000 D	65	870000 D	1300000 D	1100000 D	2500000 D	84000 D	3400
CHLOROETHANE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Chloroform	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
CHLOROMETHANE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
CHRYSENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
CIS-1,2-DICHLOROETHYLENE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
cis-1,3-Dichloropropene	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Cyclohexane	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
DIBENZ(A,H)ANTHRACENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
Dibenzofuran	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
DIBROMOCHLOROMETHANE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Dichlorodifluoromethane	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Diethyl Phthalate	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
DIMETHYL PHTHALATE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
Di-N-Butyl Phthalate	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
DI-N-OCTYLPHTHALATE	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
Ethylbenzene	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
FLUORANTHENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
FLUORENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
HEXACHLOROBENZENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
Hexachlorobutadiene	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
HEXACHLOROCYCLOPENTADIENE	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
HEXACHLOROETHANE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
INDENO(1,2,3-C,D)PYRENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
ISOPHORONE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
Isopropylbenzene (Cumene)	< 65 U	< 6900 U	17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
m,p-Xylene	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
METHYL ACETATE	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	4600 JD	< 690 U
Methyl Ethyl Ketone (2-Butanone)	< 130 U	< 14000 U	< 34 U	< 2800 U	< 33 U	< 17 U	< 150000 U	< 270000 U	< 260000 U	< 19 U	< 180000 U	< 110000 U	< 250000 U	< 110000 U	< 19000 U	< 1400 U
METHYL ISOBUTYL KETONE (4-METHYL-2-	< 130 U	< 14000 U	< 34 U	< 2800 U	< 33 U	< 17 U	< 150000 U	< 270000 U	< 260000 U	< 19 U	< 180000 U	< 110000 U	< 250000 U	< 110000 U	< 19000 U	< 1400 U
Methylcyclohexane	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Methylene Chloride	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Naphthalene	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
NITROBENZENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
N-NITROSODI-N-PROPYLAMINE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
N-NITROSODIPHENYLAMINE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
o-Xylene (1,2-Dimethylbenzene)	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
PENTACHLOROBENZENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
PENTACHLOROPHENOL	< 1700 U	-	< 820 U	-	< 640 U	< 580 U	< 810 U	< 1900 U	< 1200 U	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
PHENANTHRENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
PHENOL	630 J	-	< 820 U	-	< 640 U	< 580 U	< 810 U	580 J	230 J	< 620 U	< 860 U	< 1400 U	< 780 U	< 680 U	< 920 U	< 480 U
PYRENE	< 860 U	-	< 420 U	-	< 330 U	< 300 U	< 420 U	< 970 U	< 610 U	< 320 U	< 440 U	< 710 U	< 400 U	< 350 U	< 480 U	< 250 U
Styrene	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
TERT-BUTYL METHYL ETHER	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Tetrachloroethylene (PCE)	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Toluene	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Total Chlorobenzenes	458	0	0	0	20	0	3049000	6533000	2490000	70.3	1319160	1560000	1406000	4662120	90800	3400
Trans-1,2-Dichloroethylene	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Trans-1,3-Dichloropropene	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Trichloroethylene (TCE)	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Trichlorofluoromethane	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Vinyl Chloride	< 65 U	< 6900 U	< 17 U	< 1400 U	< 17 U	< 8.5 U	< 76000 U	< 140000 U	< 130000 U	< 9.3 U	< 92000 U	< 55000 U	< 120000 U	< 56000 U	< 9400 U	< 690 U
Xylenes, Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
Exceeds PRG concentrations
Exceeds DNAPL saturation concentrations
Exceeds DNAPL, but not PRGs
N - Routine sample
* - LCS and/or LCSD is outside acceptance limits, low biased, refer to case narrative
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
D - Dry weight basis of reporting
FD - Field duplicate
J - estimated value below the reporting limit but above the method detection limit
U - value was below the method detection limit (non-detect)
ug/kg - micrograms per kilogram

Attachment C - Data Gap Investigation Analytical Summary
Volatiles and Semivolatiles
Standard Chlorine of Delaware Superfund Site - OU2

			Location	DG-15	DG-15	DG-15	DG-15	DG-15	DG-15	DG-15	DG-15	DG-15	DG-15	DG-15	DG-15	DG-16	DG-16	DG-16	DG-16	DG-16	DG-16	DG-16	DG-16	DG-16	DG-17	DG-17	DG-17	DG-17	DG-17	DG-17	DG-17	DG-17	DG-18	DG-18
			Field Sample Name	DG-15-0204	DG-15-0204ME	DG-15-0406	DG-15-0608	DG-15-0810	DG-15-1012	DG-15-1214	DG-15-1416	DG-15-1618	DG-15-1618ME	DG-15-1820	DG-15-1012-D	DG-16-0001	DG-16-0102	DG-16-0203	DG-16-0304	DG-16-0304ME	DG-16-0405	DG-16-0506	DG-16-0607	DG-16-0607ME	DG-17-0001	DG-17-0102	DG-17-0203	DG-17-0304	DG-17-0405	DG-17-0506	DG-17-0607	DG-17-0506-D	DG-18-1012	DG-18-1214
			CLP Sample Name	C0AZ2	C0AZ2ME	C0AX8	C0AX9	C0AY0	C0AZ3	C0B00	C0AZ5	C0AZ6	C0AZ6ME	C0B01	C0AZ4	MC0AZ7	DG-16-0102	MC0AZ9	C0B02	C0B02ME	MC0B14	C0B03	MC0B04	C0B04ME	MC0B15	C0B05	MC0B06	C0B07	MC0B08	C0B09	MC0B11	C0B10	C0B18	C0B20
			Sample Date	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/12/2023	12/12/2023
			Sample Type	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N
			Depth Interval	2 - 4 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	10 - 12 ft	12 - 14 ft	14 - 16 ft	16 - 18 ft	16 - 18 ft	18 - 20 ft	10 - 12 ft	0 - 1 ft	1 - 2 ft	2 - 3 ft	3 - 4 ft	3 - 4 ft	4 - 5 ft	5 - 6 ft	6 - 7 ft	6 - 7 ft	0 - 1 ft	1 - 2 ft	2 - 3 ft	3 - 4 ft	4 - 5 ft	5 - 6 ft	6 - 7 ft	5 - 6 ft	10 - 12 ft	12 - 14 ft
Analyte	**Unit**	**PRG (µg/kg)**	**DNAPL Saturation (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane (TCA)	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,1,2,2-TETRACHLOROETHANE	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,1,2-Trichloroethane	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,1-Dichloroethane	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,1-Dichloroethene	ug/kg	180		< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,2,3,4-TETRACHLOROBENZENE	ug/kg	702	17000	< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	530	120000 ED	100000 D	1900	< 310 U	< 210 U	< 210 U	< 210 U	120000 ED	240000 D	2500	4500 D	100 J	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
1,2,3-Trichlorobenzene	ug/kg	858	150000	< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	15000 JD	560000 D	-	930	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	29000 D	-	3800 D	97	130	1200	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,2,3-TRICHLOROPROPANE	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,2,3-Trimethyl Benzene	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-TETRACHLOROBENZENE	ug/kg	1090	2100	< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	160 J	34000 D	37000	530	< 310 U	< 210 U	< 210 U	< 210 U	31000 D	47000	460	960	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
1,2,4-TRICHLOROBENZENE	ug/kg	2100	404000	< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	83000 D	2400000 D	-	4000	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	87000 D	-	11000 D	190	300 E	3600	< 9.2 U	< 6.1 U	0.99 J	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,2,4-Trimethylbenzene	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,2-Dibromo-3-Chloropropane	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,2-Dichlorobenzene	ug/kg	16.5	376000	< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	470000 D	70000 D	-	510	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	7200 JD	-	930 JD	100	200	1300	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,2-Dichloroethane	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,2-DICHLOROPROPANE	ug/kg	333		< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,3,5-TRICHLOROBENZENE	ug/kg		33000	< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	7600 JD	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,3-DICHLOROBENZENE	ug/kg	4430	170000	2.5 J	< 680 U	< 780 U	410 J	18000 D	810 J	< 30000 U	77000 D	15000 D	-	120 J	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	3500 JD	-	410 JD	26	54	580	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
1,4-DICHLOROBENZENE	ug/kg	599	280000	56	140 J	380 J	4300	290000 D	7500	4100 JD	790000 D	180000 D	-	1600	7000 JD	< 4.7 U	< 5.7 U	< 4.4 U	2600 JD	-	360 JD	28	54	550	< 9.2 U	4.5 J	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	470000 D	30000 JD
1,4-Dioxane (P-Dioxane)	ug/kg			< 98 U	-	< 93 U	< 94 U	< 150 U	< 150 U	< 340 U	< 190 U	< 76 U	< 2200 U	< 78 U	< 120 U	< 81 U	< 82 U	< 82 U	< 76 U	< 2200 U	< 72 U	< 73 U	< 75 U	-	< 87 U	< 86 U	< 87 U	< 74 U	< 73 U	< 75 U	< 71 U	< 77 U	< 100 U	< 130 U
1-Methylnaphthalene	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2,3,4,6-TETRACHLOROPHENOL	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2,4,5-TRICHLOROPHENOL	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2,4,6-TRICHLOROPHENOL	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2,4-DICHLOROPHENOL	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2,4-DIMETHYLPHENOL	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2,4-DINITROPHENOL	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
2,4-DINITROTOLUENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2,6-DINITROTOLUENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2-CHLORONAPHTHALENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2-CHLOROPHENOL	ug/kg			< 250 U	-	< 240 U	< 240 U	350 J	< 380 U	220 J	< 470 U	< 190 U	< 5400 U	< 200 U	76 J	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2-HEXANONE	ug/kg			< 19 U	< 1400 U	< 1600 U	< 1700 U	< 35000 U	< 1700 U	< 60000 U	< 110000 U	< 30000 U	-	< 680 U	< 16000 U	< 9.4 U	< 11 U	< 8.9 U	< 15000 U	-	< 2300 U	< 9.6 U	< 11 U	< 640 U	< 18 U	< 12 U	< 10 U	< 9.5 U	< 12 U	< 11 U	< 11 U	< 9.2 U	< 80000 U	< 150000 U
2-Methylnaphthalene	ug/kg	120		< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2-METHYLPHENOL (O-CRESOL)	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
2-NITROANILINE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
2-NITROPHENOL	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
3,3'-DICHLOROBENZIDINE	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
3-NITROANILINE	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
4,6-DINITRO-2-METHYLPHENOL	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
4-BROMOPHENYL PHENYL ETHER	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
4-CHLORO-3-METHYLPHENOL	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
4-CHLOROANILINE	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
4-CHLOROPHENYL PHENYL ETHER	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
4-METHYLPHENOL (P-CRESOL)	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
4-Nitroaniline	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
4-NITROPHENOL	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
Acenaphthene	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
ACENAPHTHYLENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
ACETONE	ug/kg	80		26	< 1400 U	< 1600 U	< 1700 U	< 35000 U	< 1700 U	< 60000 U	< 110000 U	< 30000 U	-	< 680 U	< 16000 U	10	28	< 8.9 U	< 15000 U	-	< 2300 U	14	28	< 640 U	60	31	< 10 U	6.9 J	< 12 U	18	< 11 U	8.7 J	< 80000 U	< 150000 U
Acetophenone	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	610	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	1200	< 430 U	1300	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
ANTHRACENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
ATRAZINE	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
BENZALDEHYDE	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	140 J	< 430 U	180 J	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
Benzene	ug/kg	137	1820000	25	< 680 U	< 780 U	280 J	22000 D	1000	54000 D	< 55000 U	< 15000 U	-	< 340 U	13000 D	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	200000 D	190000 D
BENZO(A)ANTHRACENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
BENZO(A)PYRENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
Benzo(B)Fluoranthene	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
Benzo(G,H,I)Perylene	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
Benzo(K)Fluoranthene	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
BENZYL BUTYL PHTHALATE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
BIPHENYL (DIPHENYL)	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	160 J	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
BIS(2-CHLOROETHOXY) METHANE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROE	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
BIS(2-CHLOROISOPROPYL) ETHER	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
BIS(2-ETHYLHEXYL) PHTHALATE	ug/kg	680		< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
BROMOCHLOROMETHANE	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
BROMODICHLOROMETHANE	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
BROMOFORM	ug/kg	654		< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
BROMOMETHANE	ug/kg	1.37		< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Caprolactam	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
CARBAZOLE	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
CARBON DISULFIDE	ug/kg	0.851		< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
CARBON TETRACHLORIDE	ug/kg	64		< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Chlorobenzene	ug/kg	50	761000	730 E	310 J	12000	56000 D	2300000 D	25000	620000 D	610000 D	7100 JD	-	93 J	110000 D	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	3.2 J	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	97000 D	470000 D
CHLOROETHANE	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Chloroform	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
CHLOROMETHANE	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
CHRYSENE	ug/kg	460		< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
CIS-1,2-DICHLOROETHYLENE	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
cis-1,3-Dichloropropene	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Cyclohexane	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
DIBENZ(A,H)ANTHRACENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
Dibenzofuran	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
DIBROMOCHLOROMETHANE	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Dichlorodifluoromethane	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Diethyl Phthalate	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
DIMETHYL PHTHALATE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
Di-N-Butyl Phthalate	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
DI-N-OCTYLPHTHALATE	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
Ethylbenzene	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
FLUORANTHENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
FLUORENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
HEXACHLOROBENZENE	ug/kg	69	60	< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	230	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	520	< 5400 U	41 J	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
Hexachlorobutadiene	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
HEXACHLOROCYCLOPENTADIENE	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
HEXACHLOROETHANE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
INDENO(1,2,3-C,D)PYRENE	ug/kg	58		< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
ISOPHORONE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
Isopropylbenzene (Cumene)	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
m,p-Xylene	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	5.1 J	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
METHYL ACETATE	ug/kg			100	< 680 U	660 J	460 J	11000 JD	680 J	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	1700 JD	5.6	< 5.7 U	2.2 J	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	3.8 J	2.4 J	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	42.4		< 19 U	< 1400 U	< 1600 U	< 1700 U	< 35000 U	< 1700 U	< 60000 U	< 110000 U	< 30000 U	-	< 680 U	< 16000 U	< 9.4 U	8.0 J	< 8.9 U	< 15000 U	-	< 2300 U	< 9.6 U	< 11 U	< 640 U	< 18 U	< 12 U	< 10 U	< 9.5 U	< 12 U	< 11 U	< 11 U	< 9.2 U	< 80000 U	< 150000 U
METHYL ISOBUTYL KETONE (4-METHYL-2-I	ug/kg			< 19 U	< 1400 U	< 1600 U	< 1700 U	< 35000 U	< 1700 U	< 60000 U	< 110000 U	< 30000 U	-	< 680 U	< 16000 U	< 9.4 U	< 11 U	< 8.9 U	< 15000 U	-	< 2300 U	< 9.6 U	< 11 U	< 640 U	< 18 U	< 12 U	< 10 U	< 9.5 U	< 12 U	< 11 U	< 11 U	< 9.2 U	< 80000 U	< 150000 U
Methylcyclohexane	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Methylene Chloride	ug/kg	170		< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 JB	< 5.3 JB	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 JB	< 4.6 JB	< 40000 U	< 77000 U
Naphthalene	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
NITROBENZENE	ug/kg		3050000	< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
N-NITROSODI-N-PROPYLAMINE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
N-NITROSODIPHENYLAMINE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
o-Xylene (1,2-Dimethylbenzene)	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	2.4 J	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
PENTACHLOROBENZENE	ug/kg	460000	1400	< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	12000 D	13000	210	< 310 U	< 210 U	< 210 U	< 210 U	18000 D	30000	820	850	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
PENTACHLOROPHENOL	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	< 410 U	200 J	< 11000 U	< 360 U	< 360 U	< 370 U	-	< 430 U	< 430 U	< 430 U	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	< 630 U
PHENANTHRENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
PHENOL	ug/kg			< 480 U	-	< 460 U	< 470 U	< 730 U	< 740 U	< 1700 U	< 920 U	< 380 U	< 11000 U	< 390 U	< 600 U	< 400 U	< 410 U	120 J	< 370 U	< 11000 U	< 360 U	< 360 U	< 370 U	-	270 J	< 430 U	290 J	< 360 U	< 360 U	< 370 U	< 350 U	< 380 U	< 500 U	69 J
PYRENE	ug/kg			< 250 U	-	< 240 U	< 240 U	< 380 U	< 380 U	< 870 U	< 470 U	< 190 U	< 5400 U	< 200 U	< 310 U	< 210 U	< 210 U	< 210 U	< 190 U	< 5400 U	< 180 U	< 190 U	< 190 U	-	< 220 U	< 220 U	< 220 U	< 190 U	< 190 U	< 190 U	< 180 U	< 200 U	< 260 U	< 330 U
Styrene	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
TERT-BUTYL METHYL ETHER	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Tetrachloroethylene (PCE)	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Toluene	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Total Chlorobenzenes	ug/kg			813.5	450	12380	60990	2630000	34310	678100	2045690	3405930	150000	9893	130000	0	0	0	298820	317000	20321	6751	838	7230	0	7.7	0.99	0	0	0	0	0	767000	690000
Trans-1,2-Dichloroethylene	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Trans-1,3-Dichloropropene	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Trichloroethylene (TCE)	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Trichlorofluoromethane	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Vinyl Chloride	ug/kg			< 9.6 U	< 680 U	< 780 U	< 870 U	< 17000 U	< 870 U	< 30000 U	< 55000 U	< 15000 U	-	< 340 U	< 8100 U	< 4.7 U	< 5.7 U	< 4.4 U	< 7400 U	-	< 1200 U	< 4.8 U	< 5.3 U	< 320 U	< 9.2 U	< 6.1 U	< 5.2 U	< 4.7 U	< 6.1 U	< 5.7 U	< 5.3 U	< 4.6 U	< 40000 U	< 77000 U
Xylenes, Total	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
Exceeds PRG concentrations
Exceeds DNAPL saturation concentrations
Exceeds DNAPL, but not PRGs
N - Routine sample
* - LCS and/or LCSD is outside acceptance limits, low biased, refer to case narrative
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
D - Dry weight basis of reporting
FD - Field duplicate
J - estimated value below the reporting limit but above the method detection limit
U - value was below the method detection limit (non-detect)
ug/kg - micrograms per kilogram

Attachment C - Data Gap Investigation Analytical Summary
Volatiles and Semivolatiles
Standard Chlorine of Delaware Superfund Site - OU2

Location				DG-18	DG-18	DG-18	DG-18	DG-18	DG-19	DG-19	DG-19	DG-19	DG-19
Field Sample Name				DG-18-1416	DG-18-1618	DG-18-1618ME	DG-18-1820	DG-18-1012-D	DG-19-0001	DG-19-0001ME	DG-19-0102	DG-19-0203	DG-19-0304
CLP Sample Name				C0B22	C0B23	C0B23ME	C0B35	C0B19	MC0B25	C0B24ME	C0B25	MC0B36	C0B26
Sample Date				12/13/2023	12/12/2023	12/13/2023	12/12/2023	12/12/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023
Sample Type				N	N	N	N	FD	N	N	N	N	N
Depth Interval				14 - 16 ft	16 - 18 ft	16 - 18 ft	18 - 20 ft	10 - 12 ft	0 - 1 ft	0 - 1 ft	1 - 2 ft	2 - 3 ft	3 - 4 ft
Analyte	Unit	PRG (µg/kg)	DNAPL Saturation (µg/kg)	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE	ug/kg			-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane (TCA)	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,1,2,2-TETRACHLOROETHANE	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,1,2-Trichloroethane	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,1-Dichloroethane	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,1-Dichloroethene	ug/kg	180		< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,2,3,4-TETRACHLOROBENZENE	ug/kg	702	17000	< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
1,2,3-Trichlorobenzene	ug/kg	858	150000	< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	58 J	< 7.6 U	1.2 J	< 5.7 U
1,2,3-TRICHLOROPROPANE	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,2,3-Trimethyl Benzene	ug/kg			-	-	-	-	-	-	-	-	-	-
1,2,4,5-TETRACHLOROBENZENE	ug/kg	1090	2100	< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
1,2,4-TRICHLOROBENZENE	ug/kg	2100	404000	< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	1.3 J	120 J	2.4 J	2.9 J	1.2 J
1,2,4-Trimethylbenzene	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	24	< 550 U	1.3 J	< 6.4 U	< 5.7 U
1,2-Dibromo-3-Chloropropane	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,2-Dichlorobenzene	ug/kg	16.5	376000	< 47000 U	< 40 U	< 2300 U	8.2	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,2-Dichloroethane	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,2-DICHLOROPROPANE	ug/kg	333		< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,3,5-TRICHLOROBENZENE	ug/kg		33000	< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,3-DICHLOROBENZENE	ug/kg	4430	170000	< 47000 U	27 J	< 2300 U	1.3 J	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
1,4-DICHLOROBENZENE	ug/kg	599	280000	430000 D	300	2000 J	29	560000 D	3.8 J	330 J	4.7 J	7.3	1.6 J
1,4-Dioxane (P-Dioxane)	ug/kg			< 140 U	< 190 U	-	< 97 U	< 99 U	< 81 U	-	< 78 U	< 73 U	< 75 U
1-Methylnaphthalene	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2,3,4,6-TETRACHLOROPHENOL	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2,4,5-TRICHLOROPHENOL	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2,4,6-TRICHLOROPHENOL	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2,4-DICHLOROPHENOL	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2,4-DIMETHYLPHENOL	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2,4-DINITROPHENOL	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
2,4-DINITROTOLUENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2,6-DINITROTOLUENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2-CHLORONAPHTHALENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2-CHLOROPHENOL	ug/kg			75 J	770	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2-HEXANONE	ug/kg			< 95000 U	< 80 U	< 4500 U	< 11 U	< 91000 U	< 16 U	< 1100 U	< 15 U	< 13 U	< 11 U
2-Methylnaphthalene	ug/kg	120		< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2-METHYLPHENOL (O-CRESOL)	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
2-NITROANILINE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
2-NITROPHENOL	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
3,3'-DICHLOROBENZIDINE	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
3-NITROANILINE	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
4,6-DINITRO-2-METHYLPHENOL	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
4-BROMOPHENYL PHENYL ETHER	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
4-CHLORO-3-METHYLPHENOL	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
4-CHLOROANILINE	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
4-CHLOROPHENYL PHENYL ETHER	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
4-METHYLPHENOL (P-CRESOL)	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
4-Nitroaniline	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
4-NITROPHENOL	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
Acenaphthene	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
ACENAPHTHYLENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
ACETONE	ug/kg	80		< 95000 U	270	< 4500 U	< 11 U	< 91000 U	110	< 1100 U	23	14	< 11 U
Acetophenone	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	520	-	< 390 U	< 360 U	< 370 U
ANTHRACENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
ATRAZINE	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
BENZALDEHYDE	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
Benzene	ug/kg	137	1820000	270000 D	5500 E	9300	17	73000 D	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
BENZO(A)ANTHRACENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
BENZO(A)PYRENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
Benzo(B)Fluoranthene	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
Benzo(G,H,I)Perylene	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
Benzo(K)Fluoranthene	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
BENZYL BUTYL PHTHALATE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
BIPHENYL (DIPHENYL)	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
BIS(2-CHLOROETHOXY) METHANE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROE	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
BIS(2-CHLOROISOPROPYL) ETHER	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
BIS(2-ETHYLHEXYL) PHTHALATE	ug/kg	680		< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
BROMOCHLOROMETHANE	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
BROMODICHLOROMETHANE	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
BROMOFORM	ug/kg	654		< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
BROMOMETHANE	ug/kg	1.37		< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Caprolactam	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
CARBAZOLE	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
CARBON DISULFIDE	ug/kg	0.851		< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
CARBON TETRACHLORIDE	ug/kg	64		< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Chlorobenzene	ug/kg	50	761000	280000 D	5200 E	20000	160	47000 D	3.1 J	190 J	1.6 J	1.0 J	< 5.7 U
CHLOROETHANE	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Chloroform	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
CHLOROMETHANE	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
CHRYSENE	ug/kg	460		< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
CIS-1,2-DICHLOROETHYLENE	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
cis-1,3-Dichloropropene	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Cyclohexane	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
DIBENZ(A,H)ANTHRACENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
Dibenzofuran	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
DIBROMOCHLOROMETHANE	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Dichlorodifluoromethane	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Diethyl Phthalate	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
DIMETHYL PHTHALATE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
Di-N-Butyl Phthalate	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
DI-N-OCTYLPHTHALATE	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
Ethylbenzene	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
FLUORANTHENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
FLUORENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
HEXACHLOROBENZENE	ug/kg	69	60	< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
Hexachlorobutadiene	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
HEXACHLOROCYCLOPENTADIENE	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
HEXACHLOROETHANE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
INDENO(1,2,3-C,D)PYRENE	ug/kg	58		< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
ISOPHORONE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
Isopropylbenzene (Cumene)	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
m,p-Xylene	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
METHYL ACETATE	ug/kg			< 47000 U	21 J	< 2300 U	< 5.4 U	< 45000 U	34	1700	4.3 J	2.2 J	4.0 J
Methyl Ethyl Ketone (2-Butanone)	ug/kg	42.4		< 95000 U	< 80 U	< 4500 U	< 11 U	< 91000 U	16 U	< 1100 U	< 15 U	< 13 U	< 11 U
METHYL ISOBUTYL KETONE (4-METHYL-2-	ug/kg			< 95000 U	< 80 U	< 4500 U	< 11 U	< 91000 U	< 16 U	< 1100 U	< 15 U	< 13 U	< 11 U
Methylcyclohexane	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Methylene Chloride	ug/kg	170		< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Naphthalene	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
NITROBENZENE	ug/kg		3050000	< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
N-NITROSODI-N-PROPYLAMINE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
N-NITROSODIPHENYLAMINE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
o-Xylene (1,2-Dimethylbenzene)	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
PENTACHLOROBENZENE	ug/kg	460000	1400	< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
PENTACHLOROPHENOL	ug/kg			< 670 U	< 920 U	-	< 480 U	< 490 U	< 400 U	-	< 390 U	< 360 U	< 370 U
PHENANTHRENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
PHENOL	ug/kg			< 670 U	110 J	-	< 480 U	< 490 U	120 J	-	< 390 U	< 360 U	< 370 U
PYRENE	ug/kg			< 350 U	< 470 U	-	< 250 U	< 250 U	< 210 U	-	< 200 U	< 190 U	< 190 U
Styrene	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
TERT-BUTYL METHYL ETHER	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Tetrachloroethylene (PCE)	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Toluene	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	3.9 J	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Total Chlorobenzenes	ug/kg			980000	11027	31300	215.5	680000	8.2	698	8.7	12.4	2.8
Trans-1,2-Dichloroethylene	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Trans-1,3-Dichloropropene	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Trichloroethylene (TCE)	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	< 7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Trichlorofluoromethane	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Vinyl Chloride	ug/kg			< 47000 U	< 40 U	< 2300 U	< 5.4 U	< 45000 U	7.9 U	< 550 U	< 7.6 U	< 6.4 U	< 5.7 U
Xylenes, Total	ug/kg			-	-	-	-	-	-	-	-	-	-

Location	DG-19	DG-19	DG-19	DG-20	DG-20	DG-20	DG-20	DG-20	DG-20	DG-20	TS-01	TS-01	TS-01
Field Sample Name	DG-19-0405	DG-19-0506	DG-19-0607	DG-20-0001	DG-20-0102	DG-20-0203	DG-20-0304	DG-20-0405	DG-20-0506	DG-20-0607	TS-01-0002	TS-01-0204	TS-01-0406
CLP Sample Name	MC0B27	C0B28	MC0B29	MC0B30	C0B31	MC0B32	C0B33	MC0B34	C0B37	MC0B43	C0B40	C0B41	C0B48
Sample Date	12/14/2023	12/14/2023	12/14/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023
Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth Interval	4 - 5 ft	5 - 6 ft	6 - 7 ft	0 - 1 ft	1 - 2 ft	2 - 3 ft	3 - 4 ft	4 - 5 ft	5 - 6 ft	6 - 7 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft
Analyte	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE	-	-	-	-	-	-	-	-	-	-	< 3400 U	< 2100 U	< 1100 U
1,1,1-Trichloroethane (TCA)	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,1,2,2-TETRACHLOROETHANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	-	-	-
1,1,2-Trichloroethane	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,1-Dichloroethane	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,1-Dichloroethene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,2,3,4-TETRACHLOROBENZENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 950 U	< 960 U	< 330 U
1,2,3-Trichlorobenzene	1.4 J	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 3400 U	< 2100 U	< 1100 U
1,2,3-TRICHLOROPROPANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,2,3-Trimethyl Benzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-TETRACHLOROBENZENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
1,2,4-TRICHLOROBENZENE	2.9 J	< 7.9 U	1.4 J	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 3400 U	< 2100 U	< 1100 U
1,2,4-Trimethylbenzene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,2-Dibromo-3-Chloropropane	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,2-Dibromoethane (Ethylene Dibromide)	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,2-Dichlorobenzene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	240 J	190 J	< 550 U
1,2-Dichloroethane	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,2-DICHLOROPROPANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,3,5-TRICHLOROBENZENE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 2700 U	< 1700 U	< 880 U
1,3,5-Trimethylbenzene (Mesitylene)	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
1,3-DICHLOROBENZENE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	1.8 J	< 14 U	< 13 U	< 5.5 U	710 J	1000 J	< 550 U
1,4-DICHLOROBENZENE	7.1	< 7.9 U	1.6 J	< 4.6 U	< 5.8 U	12	8.1 J	< 14 U	< 13 U	< 5.5 U	3500	6700	560
1,4-Dioxane (P-Dioxane)	< 81 U	< 77 U	< 75 U	< 78 U	< 77 U	< 82 U	< 76 U	< 77 U	< 76 U	< 76 U	< 84000 U	< 54000 U	< 28000 U
1-Methylnaphthalene	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	-	-	-
2,3,4,6-TETRACHLOROPHENOL	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 950 U	< 960 U	< 330 U
2,4,5-TRICHLOROPHENOL	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
2,4,6-TRICHLOROPHENOL	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
2,4-DICHLOROPHENOL	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 250 U	< 250 U	< 86 U
2,4-DIMETHYLPHENOL	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
2,4-DINITROPHENOL	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 5700 U	< 5700 U	< 2000 U
2,4-DINITROTOLUENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 950 U	< 960 U	< 330 U
2,6-DINITROTOLUENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
2-CHLORONAPHTHALENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 190 Ucn	< 190 Ucn	< 66 Ucn
2-CHLOROPHENOL	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
2-HEXANONE	< 13 U	< 16 U	< 15 U	< 9.1 U	< 12 U	< 15 U	< 20 U	< 27 U	< 27 U	< 11 U	< 3400 U	< 2100 U	< 1100 U
2-Methylnaphthalene	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 95 U	42 J	32 J
2-METHYLPHENOL (O-CRESOL)	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 280 U	< 290 U	< 100 U
2-NITROANILINE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 280 U	< 290 U	< 100 U
2-NITROPHENOL	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 280 U	< 290 U	< 100 U
3,3'-DICHLOROBENZIDINE	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 950 U	< 960 U	< 330 U
3-NITROANILINE	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 950 U	< 960 U	< 330 U
4,6-DINITRO-2-METHYLPHENOL	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 2800 U	< 2900 U	< 1000 U
4-BROMOPHENYL PHENYL ETHER	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
4-CHLORO-3-METHYLPHENOL	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 280 U	< 290 U	< 100 U
4-CHLOROANILINE	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 950 U	< 960 U	< 330 U
4-CHLOROPHENYL PHENYL ETHER	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
4-METHYLPHENOL (P-CRESOL)	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 280 U	< 290 U	< 100 U
4-Nitroaniline	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 950 U	< 960 U	< 330 U
4-NITROPHENOL	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 2800 U	< 2900 U	< 1000 U
Acenaphthene	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 95 U	< 96 U	20 J
ACENAPHTHYLENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 95 U	< 96 U	19 J
ACETONE	29	17	15	27	41	83	< 20 U	71	26 J	< 11 U	< 6700 U	< 4300 U	< 2200 U
Acetophenone	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 280 U	< 290 U	< 100 U
ANTHRACENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	20 J	39 J	33
ATRAZINE	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 950 U	< 960 U	< 330 U
BENZALDEHYDE	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 950 U	< 960 U	86 J
Benzene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	230 J	< 550 U
BENZO(A)ANTHRACENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	20 J	48 J	23 J
BENZO(A)PYRENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	30 J	45 J	21 J
Benzo(B)Fluoranthene	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	49 J	61 J	31 J
Benzo(G,H,I)Perylene	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	31 J	45 J	20 J
Benzo(K)Fluoranthene	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 95 U	23 J	14 J
BENZYL BUTYL PHTHALATE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 950 U	< 960 U	< 330 U
BIPHENYL (DIPHENYL)	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
BIS(2-CHLOROETHOXY) METHANE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROE	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 210 U	< 210 U	< 73 U
BIS(2-CHLOROISOPROPYL) ETHER	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 250 U	< 250 U	< 86 U
BIS(2-ETHYLHEXYL) PHTHALATE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 950 U	< 960 U	< 330 U
BROMOCHLOROMETHANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
BROMODICHLOROMETHANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
BROMOFORM	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 3400 U	< 2100 U	< 1100 U
BROMOMETHANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 Ucn	< 1100 Ucn	< 550 Ucn
Caprolactam	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 950 U	< 960 U	< 330 U
CARBAZOLE	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 210 U	< 210 U	< 73 U
CARBON DISULFIDE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	3.4 J	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
CARBON TETRACHLORIDE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Chlorobenzene	1.6 J	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	5.7 J	1.6 J	< 14 U	< 13 U	< 5.5 U	29000	120000	11000
CHLOROETHANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Chloroform	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
CHLOROMETHANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
CHRYSENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	40 J	59 J	34
CIS-1,2-DICHLOROETHYLENE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
cis-1,3-Dichloropropene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Cyclohexane	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
DIBENZ(A,H)ANTHRACENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 95 U	< 96 U	< 33 U
Dibenzofuran	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
DIBROMOCHLOROMETHANE	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Dichlorodifluoromethane	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Diethyl Phthalate	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 950 U	< 960 U	< 330 U
DIMETHYL PHTHALATE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 950 U	< 960 U	< 330 U
Di-N-Butyl Phthalate	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 950 U	< 960 U	< 330 U
DI-N-OCTYLPHTHALATE	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 950 U	< 960 U	< 330 U
Ethylbenzene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
FLUORANTHENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	41 J	66 J	51
FLUORENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 95 U	26 J	28 J
HEXACHLOROBENZENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 95 U	< 96 U	< 33 U
Hexachlorobutadiene	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 280 U	< 290 U	< 100 U
HEXACHLOROCYCLOPENTADIENE	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 2800 Ucn	< 2900 Ucn	< 1000 Ucn
HEXACHLOROETHANE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 950 U	< 960 U	< 330 U
INDENO(1,2,3-C,D)PYRENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 95 U	40 J	18 J
ISOPHORONE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 380 U	< 380 U	< 130 U
Isopropylbenzene (Cumene)	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
m,p-Xylene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
METHYL ACETATE	2.9 J	< 7.9 U	1.8 J	5.7	4.3 J	3.8 J	< 10 U	< 14 U	< 13 U	< 5.5 U	15000	1400	680
Methyl Ethyl Ketone (2-Butanone)	< 13 U	< 16 U	< 15 U	< 9.1 U	< 12 U	< 15 U	< 20 U	< 27 U	< 27 U	< 11 U	< 3400 U	< 2100 U	< 1100 U
METHYL ISOBUTYL KETONE (4-METHYL-2-	< 13 U	< 16 U	< 15 U	< 9.1 U	< 12 U	< 15 U	< 20 U	< 27 U	< 27 U	< 11 U	< 3400 U	< 2100 U	< 1100 U
Methylcyclohexane	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Methylene Chloride	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Naphthalene	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 95 U	61 J	48
NITROBENZENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
N-NITROSODI-N-PROPYLAMINE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 380 U	< 380 U	< 130 U
N-NITROSODIPHENYLAMINE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 210 U	< 210 U	< 73 U
o-Xylene (1,2-Dimethylbenzene)	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
PENTACHLOROBENZENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	< 380 U*+*1	< 380 U*+*1	< 130 U*+*1
PENTACHLOROPHENOL	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 950 Ucn	< 960 Ucn	< 330 Ucn
PHENANTHRENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	43 J	79 J	54
PHENOL	< 400 U	< 380 U	< 370 U	< 390 U	< 380 U	< 400 U	< 370 U	< 380 U	< 380 U	< 380 U	< 210 U	< 210 U	< 73 U
PYRENE	< 210 U	< 200 U	< 190 U	< 200 U	< 200 U	< 210 U	< 190 U	< 200 U	< 190 U	< 190 U	38 J	63 J	43
Styrene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
TERT-BUTYL METHYL ETHER	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Tetrachloroethylene (PCE)	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Toluene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Total Chlorobenzenes	13	0	3	0	0	17.7	11.5	0	0	0	33450	128120	11560
Trans-1,2-Dichloroethylene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Trans-1,3-Dichloropropene	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Trichloroethylene (TCE)	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Trichlorofluoromethane	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Vinyl Chloride	< 6.6 U	< 7.9 U	< 7.4 U	< 4.6 U	< 5.8 U	< 7.5 U	< 10 U	< 14 U	< 13 U	< 5.5 U	< 1700 U	< 1100 U	< 550 U
Xylenes, Total	-	-	-	-	-	-	-	-	-	-	< 1700 U	< 1100 U	< 550 U

Location	TS-01	TS-01	TS-02	TS-02	TS-02	TS-02	TS-03	TS-03
Field Sample Name	TS-01-0810	TS-01-0204-D	TS-02-0002	TS-02-0406	TS-02-0608	TS-02-0810	TS-03-0002	TS-03-0204
CLP Sample Name	C0B50	C0B47	C0B51	C0B52	C0B538	C0B54	C0B56	C0B59
Sample Date	12/8/2023	12/8/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023	12/5/2023	12/5/2023
Sample Type	N	FD	N	N	N	N	N	N
Depth Interval	8 - 10 ft	2 - 4 ft	0 - 2 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft
Analyte	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE	< 3600 U	< 2600 U	< 1200 U*-cn	< 1900 U*-cn	< 77000 U*-F1cn	< 98000 U*-cn	< 1500 U	< 290000 U
1,1,1-Trichloroethane (TCA)	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,1,2,2-TETRACHLOROETHANE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,1-Dichloroethane	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,1-Dichloroethene	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,2,3,4-TETRACHLOROBENZENE	< 960 U	< 920 U	130 J	260	76000	46000 cn	220	220000 cn
1,2,3-Trichlorobenzene	< 3600 U	< 2600 U	< 1200 U	< 1900 U	7000000	53000 J	< 1500 U	2500000
1,2,3-TRICHLOROPROPANE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,2,3-Trimethyl Benzene	-	-	-	-	-	-	-	-
1,2,4,5-TETRACHLOROBENZENE	< 210 U	< 200 U	39	93	17000	11000 cn	550	41000 cn
1,2,4-TRICHLOROBENZENE	< 3600 U	< 2600 U	< 1200 U	< 1900 U	18000000	88000 J	< 1500 U	1200000
1,2,4-Trimethylbenzene	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,2-Dibromo-3-Chloropropane	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2	< 49000 U	< 740 Ucn	< 140000 U
1,2-Dibromoethane (Ethylene Dibromide)	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,2-Dichlorobenzene	220 J	330 J	< 600 U	400 J	2700000	130000	86 J	1700000
1,2-Dichloroethane	< 1800 U	< 1300 U	< 600 U	< 950 U	17000 JF2F1	< 49000 U	< 740 U	< 140000 U
1,2-DICHLOROPROPANE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,3,5-TRICHLOROBENZENE	< 2900 U	< 2100 U	< 960 U	< 1500 U	71000 F1	< 78000 U	< 1200 U	< 230000 U
1,3,5-Trimethylbenzene (Mesitylene)	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
1,3-DICHLOROBENZENE	1100 J	1700	61 J	2300	< 39000 UF1	490000	230 J	780000
1,4-DICHLOROBENZENE	7400	12000	4300	16000	27000000	4500000	3700	27000000
1,4-Dioxane (P-Dioxane)	< 90000 U	< 66000 U	< 30000 U	< 48000 U	< 1900000 UF2F1	< 2400000 U	< 37000 U	< 7200000 U
1-Methylnaphthalene	-	-	-	-	-	-	-	-
2,3,4,6-TETRACHLOROPHENOL	< 960 U	< 920 U	< 160 Ucn	< 170 Ucn	< 500 Ucn	< 4800 Ucn	< 170 U	< 830 Ucn
2,4,5-TRICHLOROPHENOL	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 U	< 180 Ucn
2,4,6-TRICHLOROPHENOL	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 Ucn	< 180 Ucn
2,4-DICHLOROPHENOL	< 250 U	< 240 U	< 43 U	< 43 U	560	< 1200 Ucn	< 43 U	< 220 Ucn
2,4-DIMETHYLPHENOL	< 210 U	< 200 U	< 36 U	< 37 U	< 110 UF1	< 1100 Ucn	< 36 U	< 180 Ucn
2,4-DINITROPHENOL	< 5700 U	< 5500 U	< 990 U*+	< 1000 U*+	< 3000 UF2F1*+	< 29000 U*+cn	< 990 U*+cn	< 5000 U*+cn
2,4-DINITROTOLUENE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 Ucn	< 830 Ucn
2,6-DINITROTOLUENE	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 U	< 180 Ucn
2-CHLORONAPHTHALENE	< 190 Ucn	< 180 Ucn	< 33 Ucn	< 33 Ucn	< 99 Ucn	< 960 Ucn	< 33 U	< 170 Ucn
2-CHLOROPHENOL	< 210 U	< 200 U	150	< 37 U	< 110 U	< 1100 Ucn	140	220 cn
2-HEXANONE	< 3600 U	< 2600 U	< 1200 U	< 1900 U	< 77000 UF2F1	< 98000 U	< 1500 U	< 290000 U
2-Methylnaphthalene	< 96 U	51 J	8.9 J	15 J	< 50 U	< 480 Ucn	< 17 U	< 83 Ucn
2-METHYLPHENOL (O-CRESOL)	< 290 U	< 280 U	< 49 U	< 50 U	< 150 UF1	< 1400 Ucn	< 50 U	< 250 Ucn
2-NITROANILINE	< 290 U	< 280 U	< 49 U*+	< 50 U*+	< 150 UF1*+	< 1400 U*+cn	< 50 Ucn	< 250 Ucn
2-NITROPHENOL	< 290 U	< 280 U	< 49 U*+	< 50 U*+	< 150 U*+	< 1400 U*+cn	< 50 U*+cn	< 250 U*+cn
3,3'-DICHLOROBENZIDINE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 UF1	< 4800 Ucn	< 170 U	< 830 Ucn
3-NITROANILINE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 UF1	< 4800 Ucn	< 170 Ucn	< 830 Ucn
4,6-DINITRO-2-METHYLPHENOL	< 2900 U	< 2800 U	< 490 U*+	< 500 U*+	< 1500 UF1*+	< 14000 U*+cn	< 500 U*+cn	< 2500 U*+cn
4-BROMOPHENYL PHENYL ETHER	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 U	< 180 Ucn
4-CHLORO-3-METHYLPHENOL	< 290 U	< 280 U	< 49 U	< 50 U	< 150 U	< 1400 Ucn	< 50 U	< 250 Ucn
4-CHLOROANILINE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 UF1	< 4800 Ucn	< 170 U	< 830 Ucn
4-CHLOROPHENYL PHENYL ETHER	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 U	< 180 Ucn
4-METHYLPHENOL (P-CRESOL)	< 290 U	< 280 U	< 49 U	< 50 U	170	< 1400 Ucn	59	220 Jcn
4-Nitroaniline	< 960 U	< 920 U	< 160 U	< 170 U	< 500 UF1	< 4800 Ucn	< 170 U	< 830 Ucn
4-NITROPHENOL	< 2900 U	< 2800 U	< 490 U*+	< 500 U*+	< 1500 U*+	< 14000 U*+cn	< 500 Ucn	< 2500 Ucn
Acenaphthene	< 96 U	< 92 U	< 16 U	< 17 U	< 50 U	< 480 Ucn	< 17 U	< 83 Ucn
ACENAPHTHYLENE	< 96 U	< 92 U	5.0 J	7.7 J	< 50 UF1	< 480 Ucn	< 17 U	< 83 Ucn
ACETONE	< 7200 U	< 5300 U	< 2400 U	< 3800 U	< 150000 UF2F1	< 200000 U	< 2900 Ucn	< 580000 Ucn
Acetophenone	< 290 U	< 280 U	< 49 U	< 50 U	< 150 U	< 1400 Ucn	< 50 U	< 250 Ucn
ANTHRACENE	20 J	29 J	5.7 J	11 J	< 50 U	< 480 Ucn	6.6 J	< 83 Ucn
ATRAZINE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 U	< 830 Ucn
BENZALDEHYDE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 U	< 830 Ucn
Benzene	310 J	460 J	2100	1500	660000 F2	31000 J	910	210000
BENZO(A)ANTHRACENE	< 96 U	40 J	6.9 J	19	< 50 U	< 480 Ucn	5.7 J	< 83 Ucn
BENZO(A)PYRENE	< 96 U	53 J	8.0 J	16 J	< 50 U	< 480 Ucn	< 17 U	< 83 Ucn
Benzo(B)Fluoranthene	43 J	69 J	12 J	31	< 50 U	< 480 Ucn	9.3 J	< 83 Ucn
Benzo(G,H,I)Perylene	< 96 U	51 J	12 J	16 J	< 50 U	< 480 Ucn	< 17 U	< 83 Ucn
Benzo(K)Fluoranthene	< 96 U	24 J	7.8 J	7.9 J	< 50 U	< 480 Ucn	< 17 U	< 83 Ucn
BENZYL BUTYL PHTHALATE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 Ucn	< 830 Ucn
BIPHENYL (DIPHENYL)	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 U	< 180 Ucn
BIS(2-CHLOROETHOXY) METHANE	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 U	< 180 Ucn
BIS(2-CHLOROETHYL) ETHER (2-CHLOROE	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 U	< 180 Ucn
BIS(2-CHLOROISOPROPYL) ETHER	< 250 U	< 240 U	< 43 U	< 43 U	< 130 U	< 1200 Ucn	< 43 U	< 220 Ucn
BIS(2-ETHYLHEXYL) PHTHALATE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 U	< 830 Ucn
BROMOCHLOROMETHANE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2	< 49000 U	< 740 U	< 140000 U
BROMODICHLOROMETHANE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2	< 49000 U	< 740 U	< 140000 U
BROMOFORM	< 3600 U	< 2600 U	< 1200 U	< 1900 U	< 77000 UF2	< 98000 U	< 1500 U	< 290000 U
BROMOMETHANE	< 1800 Ucn	< 1300 Ucn	< 600 U*+cn	< 950 U*+cn	< 39000 UF2F1	< 49000 U	< 740 Ucn	< 140000 U*+cn
Caprolactam	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 U	< 830 Ucn
CARBAZOLE	< 210 U	< 200 U	< 36 U	< 37 U	< 110 UF1	< 1100 Ucn	< 36 U	< 180 Ucn
CARBON DISULFIDE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF1	< 49000 U	< 740 U	< 140000 U
CARBON TETRACHLORIDE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 U	< 49000 U	< 740 U	< 140000 U
Chlorobenzene	190000	330000	130000	230000	9600000	3200000	53000	4200000
CHLOROETHANE	< 1800 U	< 1300 U	< 600 U*+	< 950 U*+	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 Ucn
Chloroform	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
CHLOROMETHANE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
CHRYSENE	34 J	53 J	14 J	28	< 50 U	< 480 Ucn	8.3 J	< 83 Ucn
CIS-1,2-DICHLOROETHYLENE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
cis-1,3-Dichloropropene	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
Cyclohexane	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF1	< 49000 U	< 740 U	< 140000 U
DIBENZ(A,H)ANTHRACENE	< 96 U	< 92 U	< 16 U	< 17 U	< 50 U	< 480 Ucn	< 17 U	< 83 Ucn
Dibenzofuran	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 U	< 180 Ucn
DIBROMOCHLOROMETHANE	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 U	< 49000 U	< 740 Ucn	< 140000 U
Dichlorodifluoromethane	< 1800 U	< 1300 U	< 600 U*1cn	< 950 U*1cn	< 39000 UF1*1cn	< 49000 U*1cn	< 740 U	< 140000 U
Diethyl Phthalate	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 U	< 830 Ucn
DIMETHYL PHTHALATE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 U	< 830 Ucn
Di-N-Butyl Phthalate	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 U	< 830 Ucn
DI-N-OCTYLPHTHALATE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 U	< 4800 Ucn	< 170 Ucn	< 830 Ucn
Ethylbenzene	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2	< 49000 U	< 740 U	< 140000 U
FLUORANTHENE	46 J	74 J	14 J	35	< 50 U	< 480 Ucn	14 J	< 83 Ucn
FLUORENE	< 96 U	25 J	< 16 U	16 J	< 50 U	< 480 Ucn	4.3 J	< 83 Ucn
HEXACHLOROBENZENE	< 96 U	< 92 U	< 16 U	< 17 U	260	330 Jcn	32	600 cn
Hexachlorobutadiene	< 290 U	< 280 U	< 49 U	< 50 U	< 150 U	< 1400 Ucn	< 50 U	< 250 Ucn
HEXACHLOROCYCLOPENTADIENE	< 2900 Ucn	< 2800 Ucn	< 490 Ucn	< 500 Ucn	< 1500 UF1cn	< 14000 Ucn	< 500 Ucn	< 2500 Ucn
HEXACHLOROETHANE	< 960 U	< 920 U	< 160 U	< 170 U	< 500 UF1F2	< 4800 Ucn	< 170 U	< 830 Ucn
INDENO(1,2,3-C,D)PYRENE	< 96 U	32 J	7.1 J	17	< 50 U	< 480 Ucn	< 17 U	< 83 Ucn
ISOPHORONE	< 380 U	< 370 U	< 66 U	< 67 U	< 200 U	< 1900 Ucn	< 66 U	< 330 Ucn
Isopropylbenzene (Cumene)	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
m,p-Xylene	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
METHYL ACETATE	2200	2900	650	770 J	< 39000 UF2F1	< 49000 U	880	< 140000 U
Methyl Ethyl Ketone (2-Butanone)	< 3600 U	< 2600 U	< 1200 U	< 1900 U	< 77000 UF2F1	< 98000 U	< 1500 U	< 290000 U
METHYL ISOBUTYL KETONE (4-METHYL-2-	< 3600 U	< 2600 U	< 1200 U	< 1900 U	< 77000 UF2F1	< 98000 U	< 1500 U	< 290000 U
Methylcyclohexane	< 1800 U	< 1300 U	< 600 U*-cn	< 950 U*-cn	< 39000 UF1	< 49000 U	< 740 U	< 140000 U
Methylene Chloride	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 U	< 49000 U	< 740 U	< 140000 U
Naphthalene	< 96 U	65 J	13 J	22	46 J	< 480 Ucn	19	< 83 Ucn
NITROBENZENE	< 210 U	< 200 U	< 36 U	< 37 U	< 110 U	< 1100 Ucn	< 36 U	< 180 Ucn
N-NITROSODI-N-PROPYLAMINE	< 380 U	< 370 U	< 66 U	< 67 U	< 200 U	< 1900 Ucn	< 66 U	< 330 Ucn
N-NITROSODIPHENYLAMINE	< 210 U	< 200 U	< 36 U	< 37 U	< 110 UF1	< 1100 Ucn	< 36 U	< 180 Ucn
o-Xylene (1,2-Dimethylbenzene)	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2	< 49000 U	< 740 U	< 140000 U
PENTACHLOROBENZENE	< 380 U*+*1	< 370 U*+*1	30 J	120	9000	9300 cn	670	31000 cn
PENTACHLOROPHENOL	< 960 Ucn	< 920 Ucn	< 160 Ucn	< 170 Ucn	< 500 Ucn	< 4800 Ucn	< 170 U	< 830 Ucn
PHENANTHRENE	45 J	77 J	11 J	37	< 50 UF1	< 480 Ucn	16 J	< 83 Ucn
PHENOL	< 210 U	< 200 U	< 36 U	< 37 U	83 JF1	< 1100 Ucn	79	220 cn
PYRENE	35 J	62 J	14 J	28	< 50 U	< 480 Ucn	14 J	< 83 Ucn
Styrene	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2	< 49000 U	< 740 U	< 140000 U
TERT-BUTYL METHYL ETHER	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
Tetrachloroethylene (PCE)	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
Toluene	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
Total Chlorobenzenes	199030	344490	136660	250673	65133260	8558630	59398	37882600
Trans-1,2-Dichloroethylene	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
Trans-1,3-Dichloropropene	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
Trichloroethylene (TCE)	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
Trichlorofluoromethane	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
Vinyl Chloride	< 1800 U	< 1300 U	< 600 U	< 950 U	< 39000 UF2F1	< 49000 U	< 740 U	< 140000 U
Xylenes, Total	< 1800 U	< 1300 U	-	-	-	-	-	-

Notes:
Exceeds PRG concentrations
Exceeds DNAPL saturation concentrations
Exceeds DNAPL, but not PRGs
N - Routine sample
* - LCS and/or LCSD is outside acceptance limits, low biased, refer to case narrative
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
D - Dry weight basis of reporting
FD - Field duplicate
J - estimated value below the reporting limit but above the method detection limit
U - value was below the method detection limit (non-detect)
ug/kg - micrograms per kilogram

Attachment C - Data Gap Investigation Analytical Summary
Volatiles and Semivolatiles
Standard Chlorine of Delaware Superfund Site - OU2

Location				TS-03	TS-03	TS-03	TS-04	TS-04	TS-04	TS-04	TS-04	TS-04	TS-04	TS-04	TS-05	TS-05	TS-05	TS-05
Field Sample Name				TS-03-0406	TS-03-0608	TS-03-0406-D	TS-04-0001	TS-04-0102	TS-04-0204	TS-04-0204ME	TS-04-0406	TS-04-0406ME	TS-04-0608	TS-04-0608ME	TS-05-0002	TS-05-0204	TS-05-0406	TS-05-0608
CLP Sample Name				C0B57	C0B58	C0B60	C0B62	C0B68	C0B63	C0B63ME	C0B64	C0B64ME	C0B65	C0B65ME	C0B69	C0B67	C0B71	C0B70
Sample Date				12/5/2023	12/5/2023	12/5/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023
Sample Type				N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
Depth Interval				4 - 6 ft	6 - 8 ft	4 - 6 ft	0 - 1 ft	1 - 2 ft	2 - 4 ft	2 - 4 ft	4 - 6 ft	4 - 6 ft	6 - 8 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft
Analyte	Unit	PRG (µg/kg)	DNAPL Saturation (ug/kg)	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE	ug/kg			< 11000 U	< 940 U	< 8800 U	-	-	-	-	-	-	-	-	< 13 U	< 9.1 U	< 11 U	< 9.0 U
1,1,1-Trichloroethane (TCA)	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,1,2,2-TETRACHLOROETHANE	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg			-	-	-	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	-	-	-	-
1,1,2-Trichloroethane	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,1-Dichloroethane	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,1-Dichloroethene	ug/kg	180		< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,2,3,4-TETRACHLOROBENZENE	ug/kg	702	17000	4600	< 160 U	2600	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	61 J	190	36 J	< 170 U
1,2,3-Trichlorobenzene	ug/kg	858	150000	120000	720 J	300000 Jcn	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	< 13 U	< 9.1 UF1	< 11 U	< 9.0 U
1,2,3-TRICHLOROPROPANE	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	< 6.5 U	< 4.6 UF1	< 5.4 U	< 4.5 U
1,2,3-Trimethyl Benzene	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-TETRACHLOROBENZENE	ug/kg	1090	2100	1600	< 36 U	1100	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	34 J	120	22 J	< 37 U
1,2,4-TRICHLOROBENZENE	ug/kg	2100	404000	170000	1000	710000	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	< 13 U	< 9.1 UF1	< 11 U	< 9.0 U
1,2,4-Trimethylbenzene	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	1.0 J	< 4.6 U	< 5.4 U	< 4.5 U
1,2-Dibromo-3-Chloropropane	ug/kg			< 5600 Ucn	< 470 Ucn	< 4400 Ucn	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,2-Dichlorobenzene	ug/kg	16.5	376000	44000	81 J	240000	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	17	0.74 J	2.5 J	0.86 J
1,2-Dichloroethane	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,2-DICHLOROPROPANE	ug/kg	333		< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,3,5-TRICHLOROBENZENE	ug/kg		33000	< 9000 U	< 760 U	5000 J	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	< 10 U	< 7.3 UF1	< 8.7 U	< 7.2 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
1,3-DICHLOROBENZENE	ug/kg	4430	170000	< 5600 U	120 J	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	14	2.8 J	3.5 J	2.8 J
1,4-DICHLOROBENZENE	ug/kg	599	280000	3900000	1800	4600000	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	210	14 F2F1	17	110
1,4-Dioxane (P-Dioxane)	ug/kg			< 280000 U	< 24000 U	< 220000 U	< 120 U	< 110 U	< 170 U	-	< 110 U	-	< 95 U	-	< 320 U	< 230 U	< 270 U	< 220 U
1-Methylnaphthalene	ug/kg			-	-	-	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	-	-	-	-
2,3,4,6-TETRACHLOROPHENOL	ug/kg			< 170 U	< 160 U	< 160 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 160 Ucn	< 170 UF1cn	< 170 Ucn	< 170 U
2,4,5-TRICHLOROPHENOL	ug/kg			< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 U	< 37 U	< 37 U
2,4,6-TRICHLOROPHENOL	ug/kg			< 36 Ucn	< 36 Ucn	< 36 Ucn	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 U	< 37 U	< 37 U
2,4-DICHLOROPHENOL	ug/kg			< 43 U	< 43 U	< 43 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 43 U	< 43 U	< 43 U	< 43 U
2,4-DIMETHYLPHENOL	ug/kg			< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	65	< 37 U	< 37 U	< 37 U
2,4-DINITROPHENOL	ug/kg			< 990 U*+cn	< 990 U*+cn	< 990 U*+cn	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 990 U	< 1000 UF1	< 1000 U	< 1000 UF1cn
2,4-DINITROTOLUENE	ug/kg			< 170 Ucn	< 160 Ucn	< 160 Ucn	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 160 U	< 170 UF2F1	< 170 U	< 170 UF1
2,6-DINITROTOLUENE	ug/kg			< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 UF2F1	< 37 U	< 37 UF1
2-CHLORONAPHTHALENE	ug/kg			< 33 U	< 33 U	< 33 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 33 Ucn	< 33 Ucn	< 33 Ucn	< 33 U
2-CHLOROPHENOL	ug/kg			39	71	65	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 U	< 37 U	< 37 U
2-HEXANONE	ug/kg			< 11000 U	< 940 U	< 8800 U	< 21 U	< 26 U	48 U	< 3200 U	< 49 U	< 1600 U	< 8.9 U	< 790 U	< 13 U	< 9.1 U	< 11 U	< 9.0 U
2-Methylnaphthalene	ug/kg	120		11 J	8.1 J	4.9 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	26	100	35	< 17 U
2-METHYLPHENOL (O-CRESOL)	ug/kg			< 50 U	< 49 U	< 49 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 49 U	< 50 U	< 50 U	< 50 U
2-NITROANILINE	ug/kg			< 50 Ucn	< 49 Ucn	< 49 Ucn	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 49 U	< 50 UF2F1	< 50 U	< 50 UF1F2
2-NITROPHENOL	ug/kg			< 50 U*+cn	< 49 U*+cn	< 49 U*+cn	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 49 U	< 50 UF2F1	< 50 U	< 50 UF1
3,3'-DICHLOROBENZIDINE	ug/kg			< 170 U	< 160 U	< 160 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 160 U	< 170 UF2F1	< 170 U	< 170 UF1F2
3-NITROANILINE	ug/kg			< 170 Ucn	< 160 Ucn	< 160 Ucn	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 160 U	< 170 UF1	< 170 U	< 170 U
4,6-DINITRO-2-METHYLPHENOL	ug/kg			< 500 U*+cn	< 490 U*+cn	< 490 U*+cn	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 490 U	< 500 UF1	< 500 U	< 500 UF1
4-BROMOPHENYL PHENYL ETHER	ug/kg			< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 U	< 37 U	< 37 U
4-CHLORO-3-METHYLPHENOL	ug/kg			< 50 U	< 49 U	< 49 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 49 U	< 50 U	< 50 U	< 50 U
4-CHLOROANILINE	ug/kg			< 170 U	< 160 U	< 160 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 160 U	< 170 UF1	< 170 U	< 170 UF1
4-CHLOROPHENYL PHENYL ETHER	ug/kg			< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 U	< 37 U	< 37 U
4-METHYLPHENOL (P-CRESOL)	ug/kg			33 J	< 49 U	35 J	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 49 U	< 50 U	< 50 U	55
4-Nitroaniline	ug/kg			< 170 U	< 160 U	< 160 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 160 U	< 170 UF2F1	< 170 U	< 170 UF1F2
4-NITROPHENOL	ug/kg			< 500 Ucn	< 490 Ucn	< 490 Ucn	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 490 U	< 500 U	< 500 U	< 500 U
Acenaphthene	ug/kg			< 17 U	< 16 U	< 16 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 16 U	23	< 17 U	< 17 U
ACENAPHTHYLENE	ug/kg			5.2 J	< 16 U	4.9 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 16 U	< 17 UF1	< 17 U	< 17 U
ACETONE	ug/kg	80		< 22000 Ucn	< 1900 Ucn	< 18000 Ucn	14 J	24 J	260	< 3200 U	73	< 1600 U	25	< 790 U	38 cn	36 cn	47 cn	21 cn
Acetophenone	ug/kg			< 50 U	< 49 U	< 49 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 49 U	< 50 U	< 50 U	< 50 U
ANTHRACENE	ug/kg			8.3 J	< 16 U	< 16 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 16 U	< 17 U	< 17 U	< 17 U
ATRAZINE	ug/kg			< 170 U	< 160 U	< 160 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 160 U	< 170 UF2F1	< 170 U	< 170 UF1F2
BENZALDEHYDE	ug/kg			39 J	78 J	76 J	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 160 U	120 J	34 J	85 J
Benzene	ug/kg	137	1820000	18000	110 J	16000	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	28000	140 Jcn	23	260
BENZO(A)ANTHRACENE	ug/kg			9.0 J	4.4 J	6.3 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	5.0 J	8.9 J	6.7 J	< 17 U
BENZO(A)PYRENE	ug/kg			9.0 J	< 16 U	< 16 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 16 U	7.7 J	< 17 U	< 17 U
Benzo(B)Fluoranthene	ug/kg			19	10 J	11 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	7.8 J	16 J	12 J	< 17 U
Benzo(G,H,I)Perylene	ug/kg			< 17 U	< 16 U	< 16 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	6.8 J	9.8 J	12 J	< 17 U
Benzo(K)Fluoranthene	ug/kg			5.2 J	< 16 U	< 16 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 16 U	4.8 J	< 17 U	< 17 U
BENZYL BUTYL PHTHALATE	ug/kg			< 170 Ucn	< 160 Ucn	< 160 Ucn	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 160 U	< 170 U	< 170 U	< 170 U
BIPHENYL (DIPHENYL)	ug/kg			< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 U	< 37 U	< 37 U
BIS(2-CHLOROETHOXY) METHANE	ug/kg			< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 U	< 37 U	< 37 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROE	ug/kg			< 36 U	< 36 U	< 36 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 36 U	< 37 U	< 37 U	< 37 U
BIS(2-CHLOROISOPROPYL) ETHER	ug/kg			< 43 U	< 43 U	< 43 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 43 U	< 43 U	< 43 U	< 43 U
BIS(2-ETHYLHEXYL) PHTHALATE	ug/kg	680		< 170 U	< 160 U	< 160 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 160 U	< 170 U	< 170 U	< 170 U
BROMOCHLOROMETHANE	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
BROMODICHLOROMETHANE	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
BROMOFORM	ug/kg	654		< 11000 U	< 940 U	< 8800 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	< 13 U	< 9.1 U	< 11 U	< 9.0 U
BROMOMETHANE	ug/kg	1.37		< 5600 Ucn	< 470 Ucn	< 4400 Ucn	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Caprolactam	ug/kg			< 170 U	< 160 U	< 160 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 160 U	< 170 U	< 170 U	< 170 U
CARBAZOLE	ug/kg			< 36 U	< 36 U	< 36 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 36 U	< 37 UF1	< 37 U	< 37 U
CARBON DISULFIDE	ug/kg	0.851		< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	2.2 J	2.7 JF2F1	3.4 J	1.2 J
CARBON TETRACHLORIDE	ug/kg	64		< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Chlorobenzene	ug/kg	50	761000	1300000	21000	1100000	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	30000	15000	13000	54000
CHLOROETHANE	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Chloroform	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
CHLOROMETHANE	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 Ucn	< 4.6 Ucn	< 5.4 Ucn	< 4.5 Ucn
CHRYSENE	ug/kg	460		20	10 J	9.3 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	8.0 J	16 J	14 J	< 17 U
CIS-1,2-DICHLOROETHYLENE	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
cis-1,3-Dichloropropene	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Cyclohexane	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	12	3.7 J	0.86 J	3.9 J
DIBENZ(A,H)ANTHRACENE	ug/kg			< 17 U	< 16 U	< 16 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 16 U	< 17 U	< 17 U	< 17 U
Dibenzofuran	ug/kg			< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 U	< 37 U	< 37 U
DIBROMOCHLOROMETHANE	ug/kg			< 5600 Ucn	< 470 Ucn	< 4400 Ucn	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Dichlorodifluoromethane	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Diethyl Phthalate	ug/kg			< 170 U	< 160 U	< 160 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 160 U	< 170 U	< 170 U	< 170 U
DIMETHYL PHTHALATE	ug/kg			< 170 U	< 160 U	< 160 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 160 U	< 170 U	< 170 U	< 170 U
Di-N-Butyl Phthalate	ug/kg			< 170 U	< 160 U	< 160 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 160 U	< 170 U	< 170 U	< 170 U
DI-N-OCTYLPHTHALATE	ug/kg			< 170 Ucn	< 160 Ucn	< 160 Ucn	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 160 U	< 170 U	< 170 U	< 170 U
Ethylbenzene	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	1.6 J	< 4.6 U	< 5.4 U	< 4.5 U
FLUORANTHENE	ug/kg			23	14 J	13 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	20	37	22	6.7 J
FLUORENE	ug/kg			8.7 J	7.4 J	5.0 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	15 J	42	< 17 U	< 17 U
HEXACHLOROBENZENE	ug/kg	69	60	29	< 16 U	< 16 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 16 U	< 17 U	< 17 U	< 17 U
Hexachlorobutadiene	ug/kg			< 50 U	< 49 U	< 49 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 49 U	< 50 U	< 50 U	< 50 U
HEXACHLOROCYCLOPENTADIENE	ug/kg			< 500 Ucn	< 490 Ucn	< 490 Ucn	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 490 Ucn	< 500 UF1cn	< 500 Ucn	< 500 UF1
HEXACHLOROETHANE	ug/kg			< 170 U	< 160 U	< 160 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 160 U	< 170 UF2F1	< 170 U	< 170 UF1
INDENO(1,2,3-C,D)PYRENE	ug/kg	58		7.5 J	< 16 U	< 16 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 16 U	8.8 J	< 17 U	< 17 U
ISOPHORONE	ug/kg			< 66 U	< 66 U	< 66 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 66 U	< 67 U	< 67 U	< 67 U
Isopropylbenzene (Cumene)	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
m,p-Xylene	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
METHYL ACETATE	ug/kg			14000	690	7300	< 10 U	24	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 UF1	23	< 4.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	42.4		< 11000 U	< 940 U	< 8800 U	< 21 U	< 26 U	< 48 U	< 3200 U	< 49 U	< 1600 U	< 8.9 U	< 790 U	3.5 Jcn	4.2 Jcn	3.7 Jcn	3.1 Jcn
METHYL ISOBUTYL KETONE (4-METHYL-2-I	ug/kg			< 11000 U	< 940 U	< 8800 U	< 21 U	< 26 U	48 U	< 3200 U	< 49 U	< 1600 U	< 8.9 U	< 790 U	< 13 U	< 9.1 UF1	< 11 U	< 9.0 U
Methylcyclohexane	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	49	12 F2F1	4.9 J	3.5 J
Methylene Chloride	ug/kg	170		< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Naphthalene	ug/kg			45	29	13 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	12 J	28	35	< 17 U
NITROBENZENE	ug/kg		3050000	< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 U	< 37 U	< 37 U
N-NITROSODI-N-PROPYLAMINE	ug/kg			< 66 U	< 66 U	< 66 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 66 U	< 67 U	< 67 U	< 67 U
N-NITROSODIPHENYLAMINE	ug/kg			< 36 U	< 36 U	< 36 U	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	< 36 U	< 37 UF1	< 37 U	< 37 UF1F2
o-Xylene (1,2-Dimethylbenzene)	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
PENTACHLOROBENZENE	ug/kg	460000	1400	760	< 66 U	440	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	31 J	50 J	< 67 U	< 67 U
PENTACHLOROPHENOL	ug/kg			< 170 U	< 160 U	< 160 U	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 160 Ucn	< 170 Ucn	< 170 Ucn	< 170 U
PHENANTHRENE	ug/kg			28	13 J	13 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	25	73	33	< 17 U
PHENOL	ug/kg			< 36 U	46	160	< 590 U	< 530 U	< 860 U	-	< 550 U	-	< 470 U	-	< 36 U	< 37 U	< 37 U	< 37 U
PYRENE	ug/kg			18	11 J	11 J	< 300 U	< 280 U	< 440 U	-	< 280 U	-	< 240 U	-	22	49	26	< 17 U
Styrene	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 UF1	< 5.4 U	< 4.5 U
TERT-BUTYL METHYL ETHER	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Tetrachloroethylene (PCE)	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Toluene	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	11	< 4.6 U	< 5.4 U	< 4.5 U
Total Chlorobenzenes	ug/kg			5558989	24831	6975140	0	0	0	0	0	0	0	0	58367	15517.54	13104	54373.66
Trans-1,2-Dichloroethylene	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Trans-1,3-Dichloropropene	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Trichloroethylene (TCE)	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Trichlorofluoromethane	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Vinyl Chloride	ug/kg			< 5600 U	< 470 U	< 4400 U	< 10 U	< 13 U	< 24 U	< 1600 U	< 25 U	< 810 U	< 4.4 U	< 400 U	< 6.5 U	< 4.6 U	< 5.4 U	< 4.5 U
Xylenes, Total	ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Location	TS-05	TS-06	TS-06	TS-06	TS-06	TS-06	TS-07	TS-07	TS-07	TS-07	TS-07	TS-08	TS-08	TS-08	TS-08	TS-08
Field Sample Name	TS-05-0810	DG-10-0002	DG-10-0204	DG-10-0406	DG-10-0608	DG-10-0810	DG-14-0002	DG-14-0204	DG-14-0406	DG-14-0608	DG-14-0810	DG-18-0002	DG-18-0204	DG-18-0406	DG-18-0608	DG-18-0810
CLP Sample Name	C0B42	C0AW1	C0AW3	C0AW4	C0AW5	C0AS8	C0AW9	C0AX0	C0AX1	C0AX2	C0AZ0	C0B12	C0B16	C0B13	C0B21	C0B17
Sample Date	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/13/2023	12/13/2023	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023
Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth Interval	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft
Analyte	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE	< 25000 Ucn	< 1000 U	< 150000 U	< 1400 Ucn	< 1500 U	< 1200 U	< 7.9 U	< 7300 U	< 10000 U*-cn	< 780 U	< 1200 U	< 11 U	< 88000 U*-cn	< 1600 UF1F2	< 800 U	< 12000 U
1,1,1-Trichloroethane (TCA)	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,1,2,2-TETRACHLOROETHANE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,1-Dichloroethane	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,1-Dichloroethene	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,2,3,4-TETRACHLOROBENZENE	< 170 Ucn	24000	25000	40000	45000	44000 cn	310	5700 cn	3500	67 J	930	90 J	150 J	< 160 U	< 170 U	< 170 Ucn
1,2,3-Trichlorobenzene	< 25000 Ucn	150000	1100000	470000	71000	5500	< 7.9 U	-	9200 J	-	-	< 11 U	-	-	-	-
1,2,3-TRICHLOROPROPANE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,2,3-Trimethyl Benzene	-	-	-	-	-	-	-	< 3600 U	-	< 390 U	< 600 U	-	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,2,4,5-TETRACHLOROBENZENE	< 37 Ucn	4900	4400	6800	9100	9100 F1cn	78	1300 cn	2700	51	850	49	71	< 36 U	< 36 U	< 36 Ucn
1,2,4-TRICHLOROBENZENE	< 25000 Ucn	69000 J	1700000	1100000	45000	9300	< 7.9 U	12000	67000	< 780 U	< 1200 U	< 11 U	< 88000 U	< 1600 UF1F2	< 800 U	< 12000 U
1,2,4-Trimethylbenzene	< 12000 Ucn	130 J	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,2-Dibromo-3-Chloropropane	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 Ucn	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1	< 400 U	< 5900 U
1,2-Dibromoethane (Ethylene Dibromide)	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,2-Dichlorobenzene	< 12000 Ucn	83000	520000	270000	46000	3900	1.6 J	14000	160000	< 390 U	< 600 U	1.3 J	< 44000 U	< 780 UF1F2	61 J	1400 J
1,2-Dichloroethane	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,2-DICHLOROPROPANE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,3,5-TRICHLOROBENZENE	< 20000 Ucn	2500	< 120000 U	4800 cn	1700	780 J	< 6.3 U	< 5800 U	< 8100 U	< 620 U	< 960 U	< 8.7 U	< 70000 U	< 1200 UF1F2	< 640 U	< 9500 U
1,3,5-Trimethylbenzene (Mesitylene)	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
1,3-DICHLOROBENZENE	23000 cn	41000 J	130000	74000	34000	4700	1.9 J	17000	< 5100 U	60 J	64 J	1.6 J	< 44000 U	160 JF1F2	170 J	23000
1,4-DICHLOROBENZENE	170000 cn	920000	5200000	2100000	680000	57000	99	280000	4900000	360 J	280 J	12	3500000	12000 F1	3800	62000
1,4-Dioxane (P-Dioxane)	< 620000 Ucn	< 26000 U	< 3700000 U	< 35000 Ucn	< 38000 U	< 31000 U	< 200 U	< 180000 U	< 250000 U	< 19000 U	< 30000 U	< 270 U	< 2200000 U	< 39000 UF1F2	< 20000 U	< 300000 U
1-Methylnaphthalene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-TETRACHLOROPHENOL	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 Ucn	< 1700 Ucn	< 170 Ucn	< 160 Ucn	< 170 Ucn	< 170 Ucn	< 170 Ucn	< 160 UF1cn	< 170 Ucn	< 170 Ucn
2,4,5-TRICHLOROPHENOL	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
2,4,6-TRICHLOROPHENOL	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
2,4-DICHLOROPHENOL	< 43 Ucn	< 250 U	< 86 U	290	< 240 U	< 430 UF2F1cn	< 43 U	< 430 Ucn	< 43 U	< 43 U	< 43 U	< 43 U	< 43 U	< 43 U	< 43 U	< 43 Ucn
2,4-DIMETHYLPHENOL	< 37 Ucn	< 210 U	56 J	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
2,4-DINITROPHENOL	< 1000 Ucn	< 5700 U	< 2000 U	< 2000 U	< 5500 U	< 9900 UF1cn	< 1000 U	< 10000 Ucn	< 1000 U	< 990 U	< 1000 U	< 1000 U	< 1000 U	< 990 UF1	< 990 U	< 1000 Ucn
2,4-DINITROTOLUENE	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 UF2F1	< 170 U	< 170 Ucn
2,6-DINITROTOLUENE	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 UF2F1	< 36 U	< 36 Ucn
2-CHLORONAPHTHALENE	< 33 Ucn	< 190 Ucn	< 66 Ucn	< 66 Ucn	< 180 Ucn	< 330 UF2F1cn	< 33 Ucn	< 330 Ucn	< 33 Ucn	< 33 Ucn	< 33 Ucn	< 33 Ucn	< 33 Ucn	< 33 Ucn	< 33 Ucn	< 33 Ucn
2-CHLOROPHENOL	< 37 Ucn	< 210 U	130	220	< 200 U	< 360 UF2F1cn	26 J	< 370 Ucn	66	< 36 U	160	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
2-HEXANONE	< 25000 Ucn	< 1000 U	< 150000 U	< 1400 Ucn	< 1500 U	< 1200 U	< 7.9 U	< 7300 U	< 10000 U	< 780 U	< 1200 U	< 11 U	< 88000 U	< 1600 UF1F2	< 800 U	< 12000 U
2-Methylnaphthalene	9.0 Jcn	< 96 U	40	70	< 91 U	56 JF2F1cn	8.1 J	< 170 Ucn	68	15 J	13 J	6.9 J	7.1 J	< 16 U	< 17 U	< 17 Ucn
2-METHYLPHENOL (O-CRESOL)	< 50 Ucn	< 290 U	< 99 U	< 98 U	< 270 U	< 490 UF2F1cn	< 50 U	< 500 Ucn	< 50 U	< 49 U	< 50 U	< 50 U	< 50 U	< 49 U	< 50 U	< 50 Ucn
2-NITROANILINE	< 50 Ucn	< 290 U	< 99 U	< 98 U	< 270 U	< 490 UF2F1cn	< 50 U	< 500 Ucn	< 50 U	< 49 U	< 50 U	< 50 U	< 50 U	< 49 UF1	< 50 U	< 50 Ucn
2-NITROPHENOL	< 50 Ucn	< 290 U	< 99 U	< 98 U	< 270 U	< 490 UF2F1cn	< 50 U	< 500 Ucn	< 50 U	< 49 U	< 50 U	< 50 U	< 50 U	< 49 UF2F1	< 50 U	< 50 Ucn
3,3'-DICHLOROBENZIDINE	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 UF2F1	< 170 U	< 170 Ucn
3-NITROANILINE	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 UF1	< 170 U	< 170 Ucn
4,6-DINITRO-2-METHYLPHENOL	< 500 Ucn	< 2900 U	< 990 U	< 980 U	< 2700 U	< 4900 UF1cn	< 500 U	< 5000 Ucn	< 500 U	< 490 U	< 500 U	< 500 U	< 500 U	< 490 UF1	< 500 U	< 500 Ucn
4-BROMOPHENYL PHENYL ETHER	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 UF1	< 36 U	< 36 Ucn
4-CHLORO-3-METHYLPHENOL	< 50 Ucn	< 290 U	< 99 U	< 98 U	< 270 U	< 490 UF2F1cn	< 50 U	< 500 Ucn	< 50 U	< 49 U	< 50 U	< 50 U	< 50 U	< 49 U	< 50 U	< 50 Ucn
4-CHLOROANILINE	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 UF1	< 170 U	< 170 Ucn
4-CHLOROPHENYL PHENYL ETHER	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
4-METHYLPHENOL (P-CRESOL)	< 50 Ucn	< 290 U	130	420	< 270 U	360 JF2F1cn	19 J	< 500 Ucn	74	< 49 U	< 50 U	25 J	< 50 U	32 J	< 50 U	< 50 Ucn
4-Nitroaniline	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 UF2F1	< 170 U	< 170 Ucn
4-NITROPHENOL	< 500 Ucn	< 2900 U	< 990 U	< 980 U	< 2700 U	< 4900 UF1cn	< 500 U	< 5000 Ucn	< 500 U	< 490 U	< 500 U	< 500 U	< 500 U	< 490 U	< 500 U	< 500 Ucn
Acenaphthene	< 17 Ucn	< 96 U	< 33 U	15 J	< 91 U	< 160 UF2F1cn	< 17 U	< 170 Ucn	27	< 16 U	7.3 J	< 17 U	< 17 U	< 16 U	< 17 U	< 17 Ucn
ACENAPHTHYLENE	< 17 Ucn	< 96 U	10 J	17 J	< 91 U	< 160 UF2F1cn	< 17 U	< 170 Ucn	< 17 U	< 16 U	< 17 U	< 17 U	< 17 U	< 16 UF1	< 17 U	< 17 Ucn
ACETONE	< 50000 Ucn	< 2100 U	< 300000 U	< 2800 Ucn	< 3100 U	< 2500 U	23 cn	< 15000 Ucn	< 20000 U	< 1600 Ucn	< 2400 Ucn	64 cn	< 180000 U	< 3100 UF1F2cn	< 1600 Ucn	< 24000 Ucn
Acetophenone	24 Jcn	< 290 U	< 99 U	< 98 U	< 270 U	< 490 UF2F1cn	< 50 U	< 500 Ucn	< 50 U	< 49 U	< 50 U	< 50 U	< 50 U	< 49 U	< 50 U	< 50 Ucn
ANTHRACENE	< 17 Ucn	< 96 U	21 J	33	19 J	34 JF2F1cn	< 17 U	< 170 Ucn	9.9 J	7.2 J	4.5 J	3.8 J	< 17 U	< 16 UF1	< 17 U	< 17 Ucn
ATRAZINE	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 U	< 170 U	< 170 Ucn
BENZALDEHYDE	140 Jcn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	40 J	47 J	< 170 U	< 160 U	< 170 U	< 170 Ucn
Benzene	3100 Jcn	24000	78000	86000	20000	70000	1100	52000	370000	78000	53000	7.5	< 44000 U	< 780 UF1F2	71000	210000
BENZO(A)ANTHRACENE	< 17 Ucn	23 J	23 J	36	18 J	37 JF2F1cn	3.9 J	< 170 Ucn	9.8 J	9.0 J	< 17 U	5.4 J	7.9 J	< 16 UF1	< 17 U	< 17 Ucn
BENZO(A)PYRENE	< 17 U*3cn	23 J	29 J	36	< 91 U	< 160 UF2F1cn	< 17 U	< 170 Ucn	5.8 J	9.8 J	< 17 U	6.2 J	7.3 J	< 16 U	< 17 U	< 17 Ucn
Benzo(B)Fluoranthene	< 17 U*3cn	32 J	43	53	39 J	40 JF2F1cn	10 J	< 170 Ucn	11 J	17	< 17 U	11 J	20	4.6 J	< 17 U	< 17 Ucn
Benzo(G,H,I)Perylene	< 17 U*3cn	27 J	25 J	29 J	35 J	< 160 UF2F1cn	< 17 U	< 170 Ucn	< 17 U	14 J	< 17 U	11 J	14 J	< 16 UF1	< 17 U	< 17 Ucn
Benzo(K)Fluoranthene	< 17 U*3cn	< 96 U	13 J	16 J	< 91 U	< 160 UF2F1cn	3.4 J	< 170 Ucn	< 17 U	4.0 J	< 17 U	< 17 U	6.8 J	< 16 U	< 17 U	< 17 Ucn
BENZYL BUTYL PHTHALATE	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 U	< 170 U	< 170 Ucn
BIPHENYL (DIPHENYL)	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	17 J	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
BIS(2-CHLOROETHOXY) METHANE	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
BIS(2-CHLOROETHYL) ETHER (2-CHLOROE	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
BIS(2-CHLOROISOPROPYL) ETHER	< 43 Ucn	< 250 U	< 86 U	< 85 U	< 240 U	< 430 UF2cn	< 43 U	< 430 Ucn	< 43 U	< 43 U	< 43 U	< 43 U	< 43 U	< 43 U	< 43 U	< 43 Ucn
BIS(2-ETHYLHEXYL) PHTHALATE	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 U	< 170 U	< 170 Ucn
BROMOCHLOROMETHANE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
BROMODICHLOROMETHANE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
BROMOFORM	< 25000 Ucn	< 1000 U	< 150000 U	< 1400 Ucn	< 1500 U	< 1200 U	< 7.9 U	< 7300 U	< 10000 U	< 780 U	< 1200 U	< 11 U	< 88000 U	< 1600 UF1F2	< 800 U	< 12000 U
BROMOMETHANE	< 12000 U*+cn	< 520 Ucn	< 75000 Ucn	< 690 Ucn	< 770 Ucn	< 620 Ucn	< 3.9 U	< 3600 Ucn	< 5100 U	< 390 Ucn	< 600 Ucn	< 5.4 U	< 44000 U	< 780 UF1cn	< 400 Ucn	< 5900 U*+cn
Caprolactam	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 U	< 170 U	< 170 Ucn
CARBAZOLE	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 UF1	< 36 U	< 36 Ucn
CARBON DISULFIDE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	3.6 J	< 3600 U	< 5100 U	< 390 U	< 600 U	6.5	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
CARBON TETRACHLORIDE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Chlorobenzene	540000 cn	490000	2200000	1200000	740000	660000	36000	350000	5300000	58000	210000	140	9800 J	9700 F1F2	120000	1100000
CHLOROETHANE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 Ucn	< 390 Ucn	< 600 Ucn	< 5.4 U	< 44000 Ucn	< 780 UF1cn	< 400 Ucn	< 5900 Ucn
Chloroform	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
CHLOROMETHANE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 Ucn	< 3600 U	< 5100 Ucn	< 390 U	< 600 U	< 5.4 Ucn	< 44000 Ucn	< 780 UF1	< 400 U	< 5900 U
CHRYSENE	< 17 Ucn	37 J	46	54	39 J	58 JF2F1cn	9.4 J	< 170 Ucn	13 J	14 J	< 17 U	13 J	18	4.2 J	< 17 U	< 17 Ucn
CIS-1,2-DICHLOROETHYLENE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
cis-1,3-Dichloropropene	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Cyclohexane	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
DIBENZ(A,H)ANTHRACENE	< 17 U*3cn	< 96 U	< 33 U	< 33 U	< 91 U	< 160 UF2F1cn	< 17 U	< 170 Ucn	< 17 U	< 16 U	< 17 U	< 17 U	< 17 U	< 16 UF1	< 17 U	< 17 Ucn
Dibenzofuran	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	21 J	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
DIBROMOCHLOROMETHANE	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 Ucn	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Dichlorodifluoromethane	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 Ucn	< 5100 U	< 390 Ucn	< 600 Ucn	< 5.4 U	< 44000 U	< 780 UF1F2cn	< 400 Ucn	< 5900 U
Diethyl Phthalate	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 U	< 170 U	< 170 Ucn
DIMETHYL PHTHALATE	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 U	< 170 U	< 170 Ucn
Di-N-Butyl Phthalate	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 U	< 170 U	< 170 Ucn
DI-N-OCTYLPHTHALATE	< 170 U*3cn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF2F1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 U	< 170 U	< 170 Ucn
Ethylbenzene	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
FLUORANTHENE	< 17 Ucn	61 J	60	85	45 J	70 JF2F1cn	< 17 U	59 Jcn	48	24	7.0 J	15 J	22	7.8 J	7.9 J	< 17 Ucn
FLUORENE	< 17 Ucn	25 J	30 J	33	18 J	< 160 UF2F1cn	< 17 U	< 170 Ucn	28	8.9 J	9.2 J	< 17 U	< 17 U	< 16 U	4.6 J	< 17 Ucn
HEXACHLOROBENZENE	< 17 Ucn	130	160	190	220	150 JF2F1cn	< 17 U	< 170 Ucn	< 17 U	< 16 U	17	< 17 U	11 J	< 16 U	< 17 U	< 17 Ucn
Hexachlorobutadiene	< 50 Ucn	< 290 U	< 99 U	< 98 U	< 270 U	< 490 UF2F1cn	< 50 U	< 500 Ucn	< 50 U	< 49 U	< 50 U	< 50 U	< 50 U	< 49 U	< 50 U	< 50 Ucn
HEXACHLOROCYCLOPENTADIENE	< 500 Ucn	< 2900 Ucn	< 990 Ucn	< 980 Ucn	< 2700 Ucn	< 4900 UF1cn	< 500 Ucn	< 5000 Ucn	< 500 Ucn	< 490 Ucn	< 500 Ucn	< 500 Ucn	< 500 Ucn	< 490 UF1cn	< 500 Ucn	< 500 Ucn
HEXACHLOROETHANE	< 170 Ucn	< 960 U	< 330 U	< 330 U	< 910 U	< 1600 UF1cn	< 170 U	< 1700 Ucn	< 170 U	< 160 U	< 170 U	< 170 U	< 170 U	< 160 UF1	< 170 U	< 170 Ucn
INDENO(1,2,3-C,D)PYRENE	< 17 U*3cn	< 96 U	20 J	22 J	< 91 U	< 160 UF2F1cn	< 17 U	< 170 Ucn	< 17 U	8.0 J	< 17 U	< 17 U	8.3 J	< 16 U	< 17 U	< 17 Ucn
ISOPHORONE	< 67 Ucn	< 380 U	< 130 U	< 130 U	< 360 U	< 660 UF2F1cn	< 67 U	< 670 Ucn	< 67 U	< 66 U	< 66 U	< 67 U	< 67 U	< 66 U	< 66 U	< 66 Ucn
Isopropylbenzene (Cumene)	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
m,p-Xylene	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
METHYL ACETATE	< 12000 Ucn	310 J	< 75000 U	800 cn	790	590 J	6.8	< 3600 U	< 5100 U	200 J	300 J	88	< 44000 U	520 JF1F2	130 J	< 5900 U
Methyl Ethyl Ketone (2-Butanone)	< 25000 Ucn	< 1000 U	< 150000 U	< 1400 Ucn	< 1500 U	< 1200 U	< 7.9 Ucn	< 7300 U	< 10000 U	< 780 U	< 1200 U	4.6 Jcn	< 88000 U	< 1600 UF1F2	< 800 U	< 12000 U
METHYL ISOBUTYL KETONE (4-METHYL-2-I	< 25000 Ucn	< 1000 U	< 150000 U	< 1400 Ucn	< 1500 U	< 1200 U	< 7.9 U	< 7300 U	< 10000 U	< 780 U	< 1200 U	< 11 U	< 88000 U	< 1600 UF1F2	< 800 U	< 12000 U
Methylcyclohexane	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Methylene Chloride	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Naphthalene	19 cn	< 96 U	67	130	43 J	78 JF2F1cn	7.5 J	< 170 Ucn	54	19	13 J	7.9 J	8.3 J	< 16 U	< 17 U	< 17 Ucn
NITROBENZENE	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	< 36 U	< 36 Ucn
N-NITROSODI-N-PROPYLAMINE	< 67 Ucn	< 380 U	< 130 U	< 130 U	< 360 U	< 660 UF2F1cn	< 67 U	< 670 Ucn	< 67 U	< 66 U	< 66 U	< 67 U	< 67 U	< 66 U	< 66 U	< 66 Ucn
N-NITROSODIPHENYLAMINE	< 37 Ucn	< 210 U	< 73 U	< 72 U	< 200 U	< 360 UF2F1cn	< 37 U	< 370 Ucn	< 37 U	< 36 U	< 37 U	< 37 U	< 37 U	< 36 UF1	< 36 U	< 36 Ucn
o-Xylene (1,2-Dimethylbenzene)	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
PENTACHLOROBENZENE	< 67 Ucn	1700	800	2900	5000	5500 *+*1cn	76	840 cn	390	< 66 U	380	29 J	83	< 66 U	< 66 U	< 66 Ucn
PENTACHLOROPHENOL	< 170 Ucn	< 960 Ucn	< 330 Ucn	< 330 Ucn	< 910 Ucn	< 1600 UF2F1cn	< 170 Ucn	< 1700 Ucn	< 170 Ucn	< 160 Ucn	< 170 Ucn	< 170 Ucn	< 170 Ucn	< 160 Ucn	< 170 Ucn	< 170 Ucn
PHENANTHRENE	< 17 Ucn	51 J	67	95	53 J	72 JF2F1cn	14 J	55 Jcn	80	24	18	17	18	7.1 J	9.8 J	< 17 Ucn
PHENOL	150 cn	< 210 U	110	180	< 200 U	180 JF2F1cn	< 37 U	< 370 Ucn	66	< 36 U	< 37 U	< 37 U	< 37 U	< 36 U	52	< 36 Ucn
PYRENE	< 17 Ucn	60 J	47	65	49 J	59 JF2F1cn	15 J	64 Jcn	37	23	6.2 J	13 J	17	5.1 J	10 J	< 17 Ucn
Styrene	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
TERT-BUTYL METHYL ETHER	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Tetrachloroethylene (PCE)	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Toluene	< 12000 Ucn	< 520 U	< 75000 U	240 Jcn	< 770 U	130 J	0.57 J	< 3600 U	< 5100 U	< 390 U	< 600 U	1.1 J	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Total Chlorobenzenes	736100	1810230	10958360	5354690	1697020	869930	37666.5	732840	10812790	136538	265521	330.4	3510115	21860	195031	1396400
Trans-1,2-Dichloroethylene	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Trans-1,3-Dichloropropene	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Trichloroethylene (TCE)	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1F2	< 400 U	< 5900 U
Trichlorofluoromethane	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1	< 400 U	< 5900 U
Vinyl Chloride	< 12000 Ucn	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	< 3.9 U	< 3600 U	< 5100 U	< 390 U	< 600 U	< 5.4 U	< 44000 U	< 780 UF1	< 400 U	< 5900 U
Xylenes, Total	-	< 520 U	< 75000 U	< 690 Ucn	< 770 U	< 620 U	-	-	-	-	-	-	-	-	-	-

Notes:
Exceeds PRG concentrations
Exceeds DNAPL saturation concentrations
Exceeds DNAPL, but not PRGs
N - Routine sample
* - LCS and/or LCSD is outside acceptance limits, low biased, refer to case narrative
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
D - Dry weight basis of reporting
FD - Field duplicate
J - estimated value below the reporting limit but above the method detection limit
U - value was below the method detection limit (non-detect)
ug/kg - micrograms per kilogram

Physical Characteristics

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-02	DG-02	DG-02	DG-03	DG-03
		Field Sample Name	DG-02-0001	DG-02-0102	DG-02-0102-D	DG-03-0001	DG-03-0102
		CLP Sample Name	C0AQ2	C0AQ3	C0AQ4	C0AQ5	C0AQ6
		Sample Date	11/28/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023
		Sample Type	N	N	FD	N	N
		Depth Interval	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		-	-	-	-	-
Loss on Ignition	%		-	-	-	-	-
Percent Moisture	%		62.4	46.5	43.2	62.2	41.6

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-05	DG-05	DG-08	DG-09	DG-09
		Field Sample Name	DG-05-0001	DG-05-0102	DG-08-0001	DG-09-1012	DG-09-1618
		CLP Sample Name	C0AR6	C0AS7	C0AR4	C0AS2	C0AS5
		Sample Date	11/28/2023	11/28/2023	12/1/2023	12/6/2023	12/6/2023
		Sample Type	N	N	N	N	N
		Depth Interval	0 - 1 ft	1 - 2 ft	0 - 1 ft	10 - 12 ft	16 - 18 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		-	-	-	-	-
Loss on Ignition	%		-	-	-	-	-
Percent Moisture	%		67.7	45.8	17.8	73.1	52.5

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-09	DG-10	DG-10	DG-12	DG-12
		Field Sample Name	DG-09-1618-D	DG-10-1012	DG-10-1618	DG-12-0001	DG-12-0102
		CLP Sample Name	C0AS6	C0AS9	C0AT1	C0AT5	C0AT6
		Sample Date	12/6/2023	12/8/2023	12/8/2023	12/4/2023	12/4/2023
		Sample Type	FD	N	N	N	N
		Depth Interval	16 - 18 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	1 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		-	-	-	-	-
Loss on Ignition	%		-	-	-	-	-
Percent Moisture	%		53.2	46.8	47.5	50.9	40.5

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-12	DG-12	DG-12	DG-13	DG-14
		Field Sample Name	DG-12-0406	DG-12-1012	DG-12-1618	DG-13-0001	DG-14-1012
		CLP Sample Name	C0AT8	C0AY3	C0AY6	C0AY8	C0AX3
		Sample Date	12/4/2023	12/4/2023	12/4/2023	12/1/2023	12/12/2023
		Sample Type	N	N	N	N	N
		Depth Interval	4 - 6 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	10 - 12 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		-	-	-	-	-
Loss on Ignition	%		-	-	-	-	-
Percent Moisture	%		86.5	47.1	82.1	50	38.8

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-14	DG-15	DG-15	DG-15	DG-15
		Field Sample Name	DG-14-1618	DG-15-0406	DG-15-1012	DG-15-1618	DG-15-1012-D
		CLP Sample Name	C0AX5	C0AX8	C0AZ3	C0AZ6	C0AZ4
		Sample Date	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	N	FD
		Depth Interval	16 - 18 ft	4 - 6 ft	10 - 12 ft	16 - 18 ft	10 - 12 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		-	-	-	-	-
Loss on Ignition	%		-	-	-	-	-
Percent Moisture	%		43	29.5	53.8	24.5	52.9

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-18	DG-18	DG-18	TS-01	TS-01
		Field Sample Name	DG-18-1012	DG-18-1618	DG-18-1012-D	TS-01-0002	TS-01-0204
		CLP Sample Name	C0B18	C0B23	C0B19	C0B40	C0B41
		Sample Date	12/12/2023	12/12/2023	12/12/2023	12/8/2023	12/8/2023
		Sample Type	N	N	FD	N	N
		Depth Interval	10 - 12 ft	16 - 18 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		-	-	-	220000	291000
Loss on Ignition	%		-	-	-	76	72
Percent Moisture	%		35.3	61.3	35.9	71.2	67.4

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-01	TS-01	TS-01	TS-02	TS-02
		Field Sample Name	TS-01-0406	TS-01-0810	TS-01-0204-D	TS-02-0002	TS-02-0406
		CLP Sample Name	C0B48	C0B50	C0B47	C0B51	C0B52
		Sample Date	12/8/2023	12/8/2023	12/8/2023	12/6/2023	12/6/2023
		Sample Type	N	N	FD	N	N
		Depth Interval	4 - 6 ft	8 - 10 ft	2 - 4 ft	0 - 2 ft	4 - 6 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		553000	133000	309000	452000	441000
Loss on Ignition	%		46	85	70	54	53
Percent Moisture	%		40.6	76.8	65.4	48.5	53.6

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-02	TS-02	TS-03	TS-03	TS-03
		Field Sample Name	TS-02-0608	TS-02-0810	TS-03-0002	TS-03-0204	TS-03-0406
		CLP Sample Name	C0B538	C0B54	C0B56	C0B59	C0B57
		Sample Date	12/6/2023	12/6/2023	12/5/2023	12/5/2023	12/5/2023
		Sample Type	N	N	N	N	N
		Depth Interval	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		49300	25600	373000	28400	330000
Loss on Ignition	%		93	98	63	95	78
Percent Moisture	%		83.1	88	56.6	84	87.4

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-03	TS-03	TS-04	TS-04	TS-04
		Field Sample Name	TS-03-0608	TS-03-0406-D	TS-04-0001	TS-04-0002	TS-04-0102
		CLP Sample Name	C0B58	C0B60	C0B62	TS-04-0002	C0B68
		Sample Date	12/5/2023	12/5/2023	11/30/2023	11/30/2023	11/30/2023
		Sample Type	N	FD	N	N	N
		Depth Interval	6 - 8 ft	4 - 6 ft	0 - 1 ft	0 - 2 ft	1 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		576000	290000	-	-	-
Loss on Ignition	%		40	74	-	-	-
Percent Moisture	%		36.6	87.7	54.9	39.8	42.5

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-04	TS-04	TS-04	TS-05	TS-05
		Field Sample Name	TS-04-0204	TS-04-0406	TS-04-0608	TS-05-0002	TS-05-0204
		CLP Sample Name	C0B63	C0B64	C0B65	C0B69	C0B67
		Sample Date	11/30/2023	11/30/2023	11/30/2023	12/13/2023	12/13/2023
		Sample Type	N	N	N	N	N
		Depth Interval	2 - 4 ft	4 - 6 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		-	-	-	617000	657000
Loss on Ignition	%		-	-	-	40	39
Percent Moisture	%		61	49	29.1	36.6	33.9

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-05	TS-05	TS-05	TS-06	TS-06
		Field Sample Name	TS-05-0406	TS-05-0608	TS-05-0810	DG-10-0001	DG-10-0002
		CLP Sample Name	C0B71	C0B70	C0B42	MC0AW0	C0AW1
		Sample Date	12/13/2023	12/13/2023	12/13/2023	12/8/2023	12/8/2023
		Sample Type	N	N	N	N	N
		Depth Interval	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 1 ft	0 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		553000	559000	7010	-	377000
Loss on Ignition	%		46	45	99	-	58
Percent Moisture	%		41.7	39.4	89.2	60.2	53.3

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-06	TS-06	TS-06	TS-06	TS-07
		Field Sample Name	DG-10-0204	DG-10-0406	DG-10-0608	DG-10-0810	DG-14-0002
		CLP Sample Name	C0AW3	C0AW4	C0AW5	C0AS8	C0AW9
		Sample Date	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/13/2023
		Sample Type	N	N	N	N	N
		Depth Interval	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		474000	517000	485000	397000	583000
Loss on Ignition	%		53	48	53	72	35
Percent Moisture	%		48	44.2	48.6	62.9	35.1

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-07	TS-07	TS-07	TS-07	TS-08
		Field Sample Name	DG-14-0204	DG-14-0406	DG-14-0608	DG-14-0810	DG-18-0002
		CLP Sample Name	C0AX0	C0AX1	C0AX2	C0AZ0	C0B12
		Sample Date	12/13/2023	12/13/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	N	N
		Depth Interval	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result
Ash, Percent	mg/kg		745000	596000	659000	486000	594000
Loss on Ignition	%		26	42	27	45	42
Percent Moisture	%		24.4	37.4	27.4	43.8	36.9

Attachment C - Data Gap Investigation Analytical Summary

Physical Characteristics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-08	TS-08	TS-08	TS-08
		Field Sample Name	DG-18-0204	DG-18-0406	DG-18-0608	DG-18-0810
		CLP Sample Name	C0B16	C0B13	C0B21	C0B17
		Sample Date	12/12/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	N
		Depth Interval	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result
Ash, Percent	mg/kg		662000	660000	691000	593000
Loss on Ignition	%		36	36	32	46
Percent Moisture	%		31.5	32.4	28.7	42.5

PCBs Data

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-01	DG-01	DG-02	DG-02	DG-02	DG-03	DG-03	DG-04	DG-04	DG-05	DG-05	DG-06	DG-06	DG-07	DG-07	DG-07	DG-08
		Field Sample Name	DG-01-0001	DG-01-0102	DG-02-0001	DG-02-0102	DG-02-0102-D	DG-03-0001	DG-03-0102	DG-04-0001	DG-04-0102	DG-05-0001	DG-05-0102	DG-06-0001	DG-06-0102	DG-07-0001	DG-07-0102	DG-07-0102-D	DG-08-0001
		CLP Sample Name	C0AQ0	C0AQ1	C0AQ2	C0AQ3	C0AQ4	C0AQ5	C0AQ6	C0AQ7	C0AQ8	C0AR6	C0AS7	C0AQ9	C0AR0	C0AR1	C0AR2	C0AR3	C0AR4
		Sample Date	12/14/2023	12/14/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/1/2023
		Sample Type	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	FD	N
		Depth Interval	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Chlorobiphenyl; 2- (PCB 1)	ug/kg		-	-	0.06	< 0.027 U	< 0.026 U	0.44	0.15	-	-	< 0.046 U	< 0.027 U	-	-	-	-	-	-
Chlorobiphenyl; 3- (PCB 2)	ug/kg		-	-	0.057	< 0.027 U	< 0.026 U	0.35	0.083	-	-	0.023 J	< 0.027 U	-	-	-	-	-	-
Chlorobiphenyl; 4- (PCB 3)	ug/kg		-	-	0.088	< 0.038 U	< 0.037 U	0.27	0.064	-	-	< 0.065 U	< 0.038 U	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,2',5- (PCB 18)/ 2,4,6-(PCB 30)	ug/kg		-	-	0.2	< 0.029 U	0.0099 J	4.2	0.31	-	-	0.02 J	< 0.029 U	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,3'- (PCB 20)/ 2,4,4'-(PCB 28)	ug/kg		-	-	0.21	< 0.029 U	0.012 J	2.1	0.17	-	-	0.042 J	< 0.029 U	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,4- (PCB 21)/ 2,3',4'-(PCB 33)	ug/kg		-	-	0.17	< 0.029 U	0.011 J	2.2	0.16	-	-	0.021 J	< 0.029 U	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3',5- (PCB 26)/ 2,4,5-(PCB 29)	ug/kg		-	-	0.074	< 0.042 U	< 0.04 U	0.93	0.17	-	-	< 0.071 U	< 0.042 U	-	-	-	-	-	-
Decachlorobiphenyl (PCB 209)	ug/kg		< 41 Ucn	< 140 Ucn	0.59	< 0.11 U	< 0.1 U	0.95	0.072 J	< 110 Ucn	< 120 Ucn	2.4	< 0.11 U	< 30 Ucn	< 92 Ucn	< 34 Ucn	< 28 Ucn	< 28 Ucn	< 20 Ucn
Dichlorobiphenyl	ug/kg		7.6 J	76	-	-	-	-	-	< 21 U	< 24 U	-	-	< 6.0 U	< 18 U	3.2 J	37	41	2.7 J
Dichlorobiphenyl, 2,2'- (PCB 4)	ug/kg		-	-	0.075	< 0.035 U	< 0.033 U	1.3	0.24	-	-	< 0.059 U	< 0.035 U	-	-	-	-	-	-
Dichlorobiphenyl; 2,3- (PCB 5)	ug/kg		-	-	0.024 J	< 0.035 U	< 0.033 U	0.28	0.082	-	-	< 0.059 U	< 0.035 U	-	-	-	-	-	-
Dichlorobiphenyl; 2,3'- (PCB 6)	ug/kg		-	-	0.078	< 0.016 U	< 0.016 U	0.75	0.14	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
Dichlorobiphenyl; 2,4- (PCB 7)	ug/kg		-	-	0.026 J	< 0.02 U	< 0.019 U	0.1	0.025	-	-	< 0.034 U	< 0.02 U	-	-	-	-	-	-
Dichlorobiphenyl; 2,4'- (PCB 8)	ug/kg		-	-	0.16	0.0077 J	0.011 JI	1.3	0.2	-	-	0.026 JI	< 0.016 U	-	-	-	-	-	-
Dichlorobiphenyl; 2,5- (PCB 9)	ug/kg		-	-	0.048	< 0.016 U	< 0.016 U	0.45	0.13	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
Dichlorobiphenyl; 2,6- (PCB 10)	ug/kg		-	-	< 0.04 U	< 0.027 U	< 0.026 U	0.14	0.03	-	-	< 0.046 U	< 0.027 U	-	-	-	-	-	-
Dichlorobiphenyl; 3,3'- (PCB 11)	ug/kg		-	-	< 0.18 U	< 0.12 U	< 0.12 U	0.38 I	0.13 I	-	-	< 0.21 U	< 0.12 U	-	-	-	-	-	-
DICHLOROBIPHENYL; 3,4 - (PCB 12)/ 3,4'-(PCB 13)	ug/kg		-	-	0.13	< 0.029 U	< 0.028 U	0.61	0.11	-	-	0.029 JI	< 0.029 U	-	-	-	-	-	-
Dichlorobiphenyl; 3,5- (PCB 14)	ug/kg		-	-	< 0.024 U	< 0.016 U	< 0.016 U	< 0.024 U	< 0.015 U	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
Dichlorobiphenyl; 4,4'- (PCB 15)	ug/kg		-	-	0.11	< 0.02 U	< 0.019 U	0.53	0.04	-	-	0.031 JI	< 0.02 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,4',5- (PCB 170)	ug/kg		-	-	0.51 I	0.014 JI	0.026	0.19	0.011 Jcn	-	-	0.12 I	< 0.02 Ucn	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,5'- (PCB 172)	ug/kg		-	-	0.043	< 0.027 U	< 0.026 U	0.033 J	< 0.025 U	-	-	0.026 J	< 0.027 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,6'- (PCB 174)	ug/kg		-	-	0.37	0.014 J	0.03	0.2	0.013 J	-	-	0.13	< 0.016 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5',6- (PCB 175)	ug/kg		-	-	0.019 J	< 0.015 U	< 0.014 U	0.0098 J	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4',5,6- (PCB 177)	ug/kg		-	-	0.13	0.0060 J	0.014	0.1	0.0066 J	-	-	0.067	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,6,6'- (PCB 176)	ug/kg		-	-	0.052	< 0.015 U	0.0042 J	0.032	< 0.013 U	-	-	0.018 J	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,5',6- (PCB 178)	ug/kg		-	-	0.064	< 0.015 U	0.0062 J	0.053	< 0.013 U	-	-	0.039	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,6,6'- (PCB 179)	ug/kg		-	-	0.14	0.0053 JI	0.014	0.095	0.0058 J	-	-	0.056	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6- (PCB 181)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6'- (PCB 182)	ug/kg		-	-	0.039	< 0.015 U	< 0.014 U	0.0084 J	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',6,6'- (PCB 184)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,5',6- (PCB 187)	ug/kg		-	-	0.34	0.015	0.038	0.24	0.017	-	-	0.19	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,5,6,6'- (PCB 186)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,6,6'- (PCB 188)	ug/kg		-	-	< 0.13 U	< 0.089 U	< 0.085 U	< 0.13 U	< 0.082 U	-	-	< 0.15 U	< 0.089 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,5'- (PCB 189)	ug/kg		-	-	0.015 JI	< 0.015 U	< 0.014 U	0.0063 JI	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,6- (PCB 190)	ug/kg		-	-	0.031	< 0.015 U	< 0.014 U	0.029	< 0.013 U	-	-	0.021 J	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5',6- (PCB 191)	ug/kg		-	-	0.0098 J	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,5,5',6- (PCB 192)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,5'- (PCB 130)	ug/kg		-	-	0.066	< 0.015 U	< 0.014 U	0.034	< 0.013 U	-	-	0.022 J	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6- (PCB 131)	ug/kg		-	-	0.0081 J	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6'- (PCB 132)	ug/kg		-	-	0.22	0.0086 J	0.017	0.15	0.0092 J	-	-	0.07	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,5'- (PCB 133)	ug/kg		-	-	0.017 J	< 0.015 U	< 0.014 U	0.015 J	< 0.013 U	-	-	0.0090 J	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,6- (PCB 134)	ug/kg		-	-	0.026	< 0.015 U	< 0.014 U	0.018 J	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',6,6'- (PCB 136)	ug/kg		-	-	0.14	0.0062 J	0.015	0.091	0.0052 J	-	-	0.043 I	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,4',5- (PCB 137)	ug/kg		-	-	0.043	< 0.015 U	< 0.014 U	0.021	< 0.013 U	-	-	0.0099 J	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,5'- (PCB 141)	ug/kg		-	-	0.073	< 0.016 U	0.0073 J	0.062	< 0.015 U	-	-	0.047	< 0.016 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',5,5'- (PCB 146)	ug/kg		-	-	0.14	< 0.015 U	0.011 J	0.11	0.0064 J	-	-	0.052	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6- (PCB 142)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6'- (PCB 143)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	0.029	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5',6- (PCB 144)	ug/kg		-	-	0.034 cn	< 0.015 Ucn	< 0.014 Ucn	0.023 cn	< 0.013 U	-	-	0.016 J	< 0.015 U	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-01	DG-01	DG-02	DG-02	DG-02	DG-03	DG-03	DG-04	DG-04	DG-05	DG-05	DG-06	DG-06	DG-07	DG-07	DG-07	DG-08
		Field Sample Name	DG-01-0001	DG-01-0102	DG-02-0001	DG-02-0102	DG-02-0102-D	DG-03-0001	DG-03-0102	DG-04-0001	DG-04-0102	DG-05-0001	DG-05-0102	DG-06-0001	DG-06-0102	DG-07-0001	DG-07-0102	DG-07-0102-D	DG-08-0001
		CLP Sample Name	C0AQ0	C0AQ1	C0AQ2	C0AQ3	C0AQ4	C0AQ5	C0AQ6	C0AQ7	C0AQ8	C0AR6	C0AS7	C0AQ9	C0AR0	C0AR1	C0AR2	C0AR3	C0AR4
		Sample Date	12/14/2023	12/14/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/1/2023
		Sample Type	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	FD	N
		Depth Interval	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Hexachlorobiphenyl; 2,2',3,4',5,6'- (PCB 148)	ug/kg		-	-	0.0083 J	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,6,6'- (PCB 145)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',6,6'- (PCB 150)	ug/kg		-	-	0.011 J	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,5,6,6'- (PCB 152)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',5',6- (PCB 154)	ug/kg		-	-	< 0.11 U	< 0.075 U	< 0.071 U	< 0.11 U	< 0.069 U	-	-	< 0.13 U	< 0.075 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',6,6'- (PCB 155)	ug/kg		-	-	< 0.024 U	< 0.016 U	< 0.016 U	< 0.024 U	< 0.015 U	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,4',6- (PCB 158)	ug/kg		-	-	0.035	< 0.015 U	< 0.014 U	0.025	< 0.013 U	-	-	0.017 J	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,5'- (PCB 159)	ug/kg		-	-	0.0091 J	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5,5'- (PCB 162)	ug/kg		-	-	0.16 I	< 0.015 U	< 0.014 U	0.026 I	< 0.013 U	-	-	0.011 JI	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,6- (PCB 160)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5',6- (PCB 161)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5',6- (PCB 164)	ug/kg		-	-	0.059	< 0.015 U	< 0.014 U	0.037	< 0.013 U	-	-	0.021 JI	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',5,5',6- (PCB 165)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3',4,4',5,5'- (PCB 167)	ug/kg		-	-	0.024	< 0.015 U	< 0.014 U	0.015 J	< 0.013 U	-	-	0.0095 J	< 0.015 U	-	-	-	-	-	-
Hexachlorobiphenyl; 3,3',4,4',5,5'- (PCB 169)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Monochlorobiphenyl	ug/kg		< 8.2 U	69	-	-	-	-	-	< 21 U	< 24 U	-	-	< 6.0 U	< 18 U	3.6 J	13	13	< 4.1 U
Nonachlorobiphenyl	ug/kg		< 41 U	< 140 U	-	-	-	-	-	< 110 U	< 120 U	-	-	< 30 U	< 92 U	< 34 U	< 28 U	< 28 U	< 20 U
Nonachlorobiphenyl; 2,2',3,3',4,4',5,5',6- (PCB 206)	ug/kg		-	-	0.54	0.023	0.053	0.78	0.065	-	-	2.1	0.018	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,4',5,6,6'- (PCB 207)	ug/kg		-	-	0.057	< 0.015 U	0.0055 J	0.055	0.0051 J	-	-	0.12	< 0.015 U	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,5,5',6,6'- (PCB 208)	ug/kg		-	-	0.25	< 0.038 U	0.025 J	0.36	0.03 J	-	-	0.95	< 0.038 U	-	-	-	-	-	-
Octachlorobiphenyl (mixed isomers)	ug/kg		< 24 U	< 84 U	-	-	-	-	-	< 64 U	< 73 U	-	-	< 18 U	< 55 U	< 21 U	< 17 U	< 17 U	< 12 U
Octachlorobiphenyl; 2,2',3,3',4,4',5,5'- (PCB 194)	ug/kg		-	-	0.13	0.011 JI	0.017	0.093	0.0083 J	-	-	0.16	< 0.016 U	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6- (PCB 195)	ug/kg		-	-	0.043	< 0.015 U	0.0043 J	0.034	< 0.013 U	-	-	0.036	< 0.015 U	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6'- (PCB 196)	ug/kg		-	-	0.16	0.0073 J	0.015	0.1	0.0070 J	-	-	0.13	< 0.015 U	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,5',6,6'- (PCB 201)	ug/kg		-	-	< 0.12 U	< 0.082 U	< 0.078 U	< 0.12 U	< 0.075 U	-	-	< 0.14 U	< 0.082 U	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',5,5',6,6'- (PCB 202)	ug/kg		-	-	0.085	< 0.015 U	0.01 J	0.1	0.0078 J	-	-	0.21	< 0.015 U	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,5',6- (PCB 203)	ug/kg		-	-	0.11	0.0055 JI	0.018	0.11	0.0091 J	-	-	0.2	< 0.015 U	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,6,6'- (PCB 204)	ug/kg		-	-	0.0066 J	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Octachlorobiphenyl; 2,3,3',4,4',5,5',6- (PCB 205)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	0.0094 JI	< 0.015 U	-	-	-	-	-	-
PCB Coelute 108,124	ug/kg		-	-	< 0.042 U	< 0.029 U	< 0.028 U	< 0.042 U	< 0.027 U	-	-	< 0.049 U	< 0.029 U	-	-	-	-	-	-
PCB Coelute 110,115	ug/kg		-	-	0.37	< 0.031 U	0.03	0.23	0.015 J	-	-	0.15	< 0.031 U	-	-	-	-	-	-
PCB Coelute 128,166	ug/kg		-	-	0.072	< 0.029 U	< 0.028 U	0.037 J	< 0.027 U	-	-	0.026 J	< 0.029 U	-	-	-	-	-	-
PCB Coelute 129,138,163	ug/kg		-	-	0.57	0.02 J	0.048	0.42	0.026 J	-	-	0.27	< 0.044 U	-	-	-	-	-	-
PCB Coelute 135,151	ug/kg		-	-	0.3	0.013 J	0.029	0.24	0.016 J	-	-	0.11	< 0.029 U	-	-	-	-	-	-
PCB Coelute 139,140	ug/kg		-	-	0.018 JI	< 0.029 U	< 0.028 U	0.01 J	< 0.027 U	-	-	< 0.049 U	< 0.029 U	-	-	-	-	-	-
PCB Coelute 147,149	ug/kg		-	-	0.6	0.025 J	0.056	0.41	0.027	-	-	0.23	< 0.029 U	-	-	-	-	-	-
PCB Coelute 153,168	ug/kg		-	-	0.63	0.024 J	0.056	0.47	0.028	-	-	0.28	< 0.029 U	-	-	-	-	-	-
PCB Coelute 156,157	ug/kg		-	-	0.034 J	< 0.029 U	< 0.028 U	0.021 J	< 0.027 U	-	-	0.019 J	< 0.029 U	-	-	-	-	-	-
PCB Coelute 171,173	ug/kg		-	-	0.076	< 0.029 U	0.0079 JI	0.047	< 0.027 U	-	-	0.033 JI	< 0.029 U	-	-	-	-	-	-
PCB Coelute 180,193	ug/kg		-	-	0.4	0.019 J	0.045	0.3	0.022 J	-	-	0.25	< 0.029 U	-	-	-	-	-	-
PCB Coelute 183,185	ug/kg		-	-	0.17	< 0.029 U	0.017 J	0.12	< 0.027 U	-	-	0.089	< 0.029 U	-	-	-	-	-	-
PCB Coelute 197,200	ug/kg		-	-	0.045	< 0.029 U	< 0.028 U	0.028 J	< 0.027 U	-	-	0.037 J	< 0.029 U	-	-	-	-	-	-
PCB Coelute 198,199	ug/kg		-	-	0.27	0.015 J	0.034 I	0.28	0.024 J	-	-	0.58	0.0081 J	-	-	-	-	-	-
PCB Coelute 40,71	ug/kg		-	-	0.11	< 0.029 U	0.011 J	0.21	0.01 J	-	-	0.03 J	< 0.029 U	-	-	-	-	-	-
PCB Coelute 44,47,65	ug/kg		-	-	0.23	< 0.044 U	0.02 J	0.51	0.026 J	-	-	0.067 J	< 0.044 U	-	-	-	-	-	-
PCB Coelute 49,69	ug/kg		-	-	0.16	< 0.029 U	0.013 J	0.39	0.016 J	-	-	0.04 J	< 0.029 U	-	-	-	-	-	-
PCB Coelute 50,53	ug/kg		-	-	< 0.072 U	< 0.049 U	< 0.047 U	0.24	< 0.045 U	-	-	< 0.083 U	< 0.049 U	-	-	-	-	-	-
PCB Coelute 59,62,75	ug/kg		-	-	0.026 J	< 0.044 U	< 0.042 U	0.12	0.019 J	-	-	< 0.074 U	< 0.044 U	-	-	-	-	-	-
PCB Coelute 61,70,74,76	ug/kg		-	-	0.27	< 0.058 U	< 0.056 U	0.3	0.024 J	-	-	0.095 J	< 0.058 U	-	-	-	-	-	-
PCB Coelute 85,116,117	ug/kg		-	-	0.08 I	< 0.044 U	< 0.042 U	0.054 J	< 0.04 U	-	-	0.028 JI	< 0.044 U	-	-	-	-	-	-
PCB Coelute 86,87,97,108,119,125	ug/kg		-	-	0.23	< 0.088 U	< 0.083 U	0.21	< 0.08 U	-	-	0.084 J	< 0.088 U	-	-	-	-	-	-
PCB Coelute 90,101,113	ug/kg		-	-	0.49	0.02 J	0.041 J	0.4	0.022 J	-	-	0.18	< 0.044 U	-	-	-	-	-	-
PCB Coelute 93,100	ug/kg		-	-	0.011 J	< 0.029 U	< 0.028 U	< 0.042 U	< 0.027 U	-	-	< 0.049 U	< 0.029 U	-	-	-	-	-	-
PCB Coelute 98,102	ug/kg		-	-	0.026 J	< 0.029 U	< 0.028 U	0.094	< 0.027 U	-	-	< 0.049 U	< 0.029 U	-	-	-	-	-	-
PCB-1016 (AROCLOR 1016)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1221 (AROCLOR 1221)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1232 (AROCLOR 1232)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1242 (AROCLOR 1242)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-01	DG-01	DG-02	DG-02	DG-02	DG-03	DG-03	DG-04	DG-04	DG-05	DG-05	DG-06	DG-06	DG-07	DG-07	DG-07	DG-08
		Field Sample Name	DG-01-0001	DG-01-0102	DG-02-0001	DG-02-0102	DG-02-0102-D	DG-03-0001	DG-03-0102	DG-04-0001	DG-04-0102	DG-05-0001	DG-05-0102	DG-06-0001	DG-06-0102	DG-07-0001	DG-07-0102	DG-07-0102-D	DG-08-0001
		CLP Sample Name	C0AQ0	C0AQ1	C0AQ2	C0AQ3	C0AQ4	C0AQ5	C0AQ6	C0AQ7	C0AQ8	C0AR6	C0AS7	C0AQ9	C0AR0	C0AR1	C0AR2	C0AR3	C0AR4
		Sample Date	12/14/2023	12/14/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/1/2023
		Sample Type	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	FD	N
		Depth Interval	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-1248 (AROCLOR 1248)	ug/kg	7000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1254 (AROCLOR 1254)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1260 (AROCLOR 1260)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',4-(PCB 82)	ug/kg		-	-	0.055	< 0.031 U	< 0.03 U	0.036 J	< 0.028 U	-	-	< 0.053 U	< 0.031 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',5-(PCB 83)	ug/kg		-	-	0.031	< 0.015 U	< 0.014 U	0.024 I	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',6-(PCB 84)	ug/kg		-	-	0.11	0.0056 J	0.011 J	0.087	0.0050 J	-	-	0.036	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6-(PCB 88)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6'-(PCB 89)	ug/kg		-	-	0.017 J	< 0.015 U	< 0.014 U	0.025	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4',6-(PCB 91)	ug/kg		-	-	0.11	< 0.015 U	0.0091 JI	0.064	< 0.013 U	-	-	0.025	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,5'-(PCB 92)	ug/kg		-	-	0.082	< 0.015 U	0.0067 J	0.076	< 0.013 U	-	-	0.033	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,6'-(PCB 94)	ug/kg		-	-	0.011 J	< 0.015 U	< 0.014 U	0.019 JI	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5',6-(PCB 95)	ug/kg		-	-	0.24	0.014 J	0.026	0.21	0.015 J	-	-	0.095	< 0.024 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,6,6'-(PCB 96)	ug/kg		-	-	0.014 J	< 0.015 U	< 0.014 U	0.026	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,4',5-(PCB 99)	ug/kg		-	-	0.33	0.012 J	0.024	0.24	0.011 J	-	-	0.082	< 0.016 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,5',6-(PCB 103)	ug/kg		-	-	0.019 J	< 0.015 U	< 0.014 U	0.023	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,6,6'-(PCB 104)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,4'-(PCB 105)	ug/kg		-	-	0.73 I	0.012 JI	0.015 JI	2.5 I	0.41 I	-	-	0.055 I	< 0.024 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,5-(PCB 106)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4',5-(PCB 107)	ug/kg		-	-	0.025	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	0.011 J	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,3',4,5-(PCB 122)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,5'-(PCB 111)	ug/kg		-	-	< 0.024 U	< 0.016 U	< 0.016 U	< 0.024 U	< 0.015 U	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,6-(PCB 112)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,4,4',5-(PCB 114)	ug/kg		-	-	0.0058 JI	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,4',5-(PCB 118)	ug/kg		-	-	0.24	< 0.035 U	< 0.033 U	0.16	< 0.032 U	-	-	0.096	< 0.035 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,4,4',5-(PCB 123)	ug/kg		-	-	0.017 J	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5,5'-(PCB 120)	ug/kg		-	-	< 0.024 U	< 0.016 U	< 0.016 U	< 0.024 U	< 0.015 U	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5',6-(PCB 121)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,4',5-(PCB 126)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,5,5'-(PCB 127)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Pentachlorobiphenyl;2,2',3,4,5(PCB 86)/2,2',3,4,5'(PCB 87)/2,2',3,4',5' (PCB 97)/2,3,3',4,5' (PCB 108)/ 2,3',4,4',6 (PCB 119)/ 2,3',4',5',6-(PCB 125)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl	ug/kg		< 16 U	< 56 U	-	-	-	-	-	< 43 U	< 49 U	-	-	< 12 U	< 37 U	< 14 U	16	10 J	5.3 J
Tetrachlorobiphenyl; 2,2',3,4-(PCB 41)	ug/kg		-	-	0.0091 J	< 0.015 U	< 0.014 U	0.041	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,4'-(PCB 42)	ug/kg		-	-	0.088	< 0.031 U	< 0.03 U	0.15	< 0.028 U	-	-	< 0.053 U	< 0.031 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,5-(PCB 43)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	0.032	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6-(PCB 45)	ug/kg		-	-	0.038	< 0.015 U	< 0.014 U	0.3	0.011 J	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6'-(PCB 46)	ug/kg		-	-	0.022	< 0.015 U	< 0.014 U	0.11	0.0041 J	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,5-(PCB 48)	ug/kg		-	-	0.033	< 0.016 U	< 0.016 U	0.089	< 0.015 U	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,6'-(PCB 51)	ug/kg		-	-	0.012 J	< 0.016 U	< 0.016 U	0.025 I	< 0.015 U	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',5,5'-(PCB 52)	ug/kg		-	-	0.22	< 0.027 U	0.019 J	0.72	0.035	-	-	0.077	< 0.027 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',6,6'-(PCB 54)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	0.012 J	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4-(PCB 55)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	0.013 J	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4'-(PCB 56)	ug/kg		-	-	0.13	< 0.057 U	< 0.054 U	0.14	< 0.052 U	-	-	< 0.096 U	< 0.057 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',5-(PCB 57)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	0.029	0.0085 J	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-01	DG-01	DG-02	DG-02	DG-02	DG-03	DG-03	DG-04	DG-04	DG-05	DG-05	DG-06	DG-06	DG-07	DG-07	DG-07	DG-08
		Field Sample Name	DG-01-0001	DG-01-0102	DG-02-0001	DG-02-0102	DG-02-0102-D	DG-03-0001	DG-03-0102	DG-04-0001	DG-04-0102	DG-05-0001	DG-05-0102	DG-06-0001	DG-06-0102	DG-07-0001	DG-07-0102	DG-07-0102-D	DG-08-0001
		CLP Sample Name	C0AQ0	C0AQ1	C0AQ2	C0AQ3	C0AQ4	C0AQ5	C0AQ6	C0AQ7	C0AQ8	C0AR6	C0AS7	C0AQ9	C0AR0	C0AR1	C0AR2	C0AR3	C0AR4
		Sample Date	12/14/2023	12/14/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/1/2023
		Sample Type	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	FD	N
		Depth Interval	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Tetrachlorobiphenyl; 2,3,3',5'- (PCB 58)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	0.0077 JI	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4,4'- (PCB 60)	ug/kg		-	-	< 0.072 U	< 0.049 U	< 0.047 U	< 0.071 U	< 0.045 U	-	-	< 0.083 U	< 0.049 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,4'- (PCB 66)	ug/kg		-	-	0.19	< 0.053 U	< 0.05 U	0.16	< 0.049 U	-	-	0.063 J	< 0.053 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',5- (PCB 63)	ug/kg		-	-	0.011 J	< 0.015 U	< 0.014 U	0.01 J	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5- (PCB 67)	ug/kg		-	-	0.011 J	< 0.015 U	< 0.014 U	0.06	0.01 J	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5'- (PCB 68)	ug/kg		-	-	0.011 JI	< 0.015 U	< 0.014 U	0.011 J	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',6- (PCB 64)	ug/kg		-	-	0.096	< 0.06 U	< 0.057 U	0.12	< 0.055 U	-	-	< 0.1 U	< 0.06 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5,5'- (PCB 72)	ug/kg		-	-	0.0088 J	< 0.015 U	< 0.014 U	0.021	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5',6- (PCB 73)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,4'- (PCB 77)	ug/kg		-	-	0.045	< 0.015 U	< 0.014 U	0.035	< 0.013 U	-	-	0.015 J	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5- (PCB 78)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5'- (PCB 79)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',5,5'- (PCB 80)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,4,4',5- (PCB 81)	ug/kg		-	-	< 0.024 U	< 0.016 U	< 0.016 U	< 0.024 U	< 0.015 U	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
TOTAL HEPTACHLOROBIPHENYLS	ug/kg		< 24 U	< 84 U	-	-	-	-	-	< 64 U	< 73 U	-	-	< 18 U	< 55 U	< 21 U	12 J	8.9 J	< 12 U
TOTAL HEXACHLOROBIPHENYLS	ug/kg		< 16 U	14 J	-	-	-	-	-	< 43 U	< 49 U	-	-	< 12 U	< 37 U	< 14 U	17	12	3.4 J
TOTAL PENTACHLOROBIPHENYLS	ug/kg		6.1 J	63	-	-	-	-	-	< 43 U	< 49 U	-	-	< 12 U	< 37 U	5.6 J	69	50	34
Trichlorobiphenyl	ug/kg		11	69	-	-	-	-	-	< 21 U	< 24 U	-	-	< 6.0 U	< 18 U	13	120	140	7.6
Trichlorobiphenyl; 2,2',3- (PCB 16)	ug/kg		-	-	0.16	0.0053 JI	0.0089 JI	3.7	0.28	-	-	0.02 J	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',4- (PCB 17)	ug/kg		-	-	0.083	< 0.015 U	0.0058 J	2	0.13	-	-	0.012 JI	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',6- (PCB 19)	ug/kg		-	-	0.029	< 0.015 U	< 0.014 U	0.51	0.05	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,4'- (PCB 22)	ug/kg		-	-	0.12	< 0.024 U	< 0.023 U	1.4	0.081	-	-	< 0.04 U	< 0.024 U	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',4- (PCB 25)	ug/kg		-	-	0.03	< 0.015 U	< 0.014 U	0.24	0.029	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,5- (PCB 23)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	0.0052 J	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 2',3,5- (PCB 34)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	0.22	0.013	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,6- (PCB 24)	ug/kg		-	-	0.021	< 0.015 U	< 0.014 U	0.2	0.021	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',6- (PCB 27)	ug/kg		-	-	0.015 J	< 0.015 U	< 0.014 U	0.21	0.021	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',5- (PCB 31)	ug/kg		-	-	0.58	0.018 J	0.033	9.3	0.5	-	-	0.093	< 0.02 U	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',6- (PCB 32)	ug/kg		-	-	0.045	< 0.015 U	< 0.014 U	0.82	0.048	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',4- (PCB 35)	ug/kg		-	-	0.017 J	< 0.016 U	< 0.016 U	0.19	0.046	-	-	< 0.028 U	< 0.016 U	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',5- (PCB 36)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,4'- (PCB 37)	ug/kg		-	-	0.11	< 0.015 U	< 0.014 U	0.13	0.011 J	-	-	0.021 J	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,5- (PCB 38)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-
Trichlorobiphenyl; 3,4',5- (PCB 39)	ug/kg		-	-	< 0.021 U	< 0.015 U	< 0.014 U	< 0.021 U	< 0.013 U	-	-	< 0.025 U	< 0.015 U	-	-	-	-	-	-

Notes:
N - Routine sample
FD - Field duplicate
ug/kg - micrograms per kilogram
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
U - value was below the method detection limit (non-detect)
J - estimated value below the reporting limit but above the method detection limit

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-09	DG-09	DG-09	DG-09	DG-10	DG-10	DG-11	DG-11	DG-12	DG-12	DG-12	DG-12	DG-12	DG-13	DG-14	DG-14	DG-15
		Field Sample Name	DG-09-0406	DG-09-1012	DG-09-1618	DG-09-1618-D	DG-10-1012	DG-10-1618	DG-11-0001	DG-11-0102	DG-12-0001	DG-12-0102	DG-12-0406	DG-12-1012	DG-12-1618	DG-13-0001	DG-14-1012	DG-14-1618	DG-15-0406
		CLP Sample Name	C0AR9	C0AS2	C0AS5	C0AS6	C0AS9	C0AT1	C0AT3	C0AT4	C0AT5	C0AT6	C0AT8	C0AY3	C0AY6	C0AY8	C0AX3	C0AX5	C0AX8
		Sample Date	12/14/2023	12/6/2023	12/6/2023	12/6/2023	12/8/2023	12/8/2023	12/15/2023	12/15/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/1/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
		Depth Interval	4 - 6 ft	10 - 12 ft	16 - 18 ft	16 - 18 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	4 - 6 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	10 - 12 ft	16 - 18 ft	4 - 6 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Chlorobiphenyl; 2- (PCB 1)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobiphenyl; 3- (PCB 2)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobiphenyl; 4- (PCB 3)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,2',5- (PCB 18)/ 2,4,6-(PCB 30)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,3'- (PCB 20)/ 2,4,4'-(PCB 28)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,4- (PCB 21)/ 2,3',4'-(PCB 33)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3',5- (PCB 26)/ 2,4,5-(PCB 29)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decachlorobiphenyl (PCB 209)	ug/kg		< 35 Ucn	< 62 Ucn	< 35 Ucn	< 36 Ucn	6.0 J	< 32 U	< 26 U	< 27 Ucn	5.2 J	< 28 Ucn	< 340 Ucn	< 31 Ucn	< 93 Ucn	< 33 Ucn	< 27 U	< 29 U	< 24 U
Dichlorobiphenyl	ug/kg		140	830	98	40 cn	110	110	33	34 cn	24	86 cn	< 68 Ucn	< 6.3 Ucn	260 cn	< 6.7 Ucn	7.3	0.99 J	< 4.7 U
Dichlorobiphenyl, 2,2'- (PCB 4)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,3- (PCB 5)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,3'- (PCB 6)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,4- (PCB 7)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,4'- (PCB 8)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,5- (PCB 9)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,6- (PCB 10)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 3,3'- (PCB 11)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DICHLOROBIPHENYL; 3,4 - (PCB 12)/ 3,4'-(PCB 13)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 3,5- (PCB 14)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 4,4'- (PCB 15)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,4',5- (PCB 170)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,5'- (PCB 172)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,6'- (PCB 174)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5',6- (PCB 175)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4',5,6- (PCB 177)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,6,6'- (PCB 176)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,5',6- (PCB 178)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,6,6'- (PCB 179)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6- (PCB 181)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6'- (PCB 182)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',6,6'- (PCB 184)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,5',6- (PCB 187)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,5,6,6'- (PCB 186)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,6,6'- (PCB 188)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,5'- (PCB 189)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,6- (PCB 190)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5',6- (PCB 191)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,5,5',6- (PCB 192)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,5'- (PCB 130)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6- (PCB 131)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6'- (PCB 132)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,5'- (PCB 133)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,6- (PCB 134)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',6,6'- (PCB 136)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,4',5- (PCB 137)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,5'- (PCB 141)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',5,5'- (PCB 146)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6- (PCB 142)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6'- (PCB 143)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5',6- (PCB 144)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-09	DG-09	DG-09	DG-09	DG-10	DG-10	DG-11	DG-11	DG-12	DG-12	DG-12	DG-12	DG-12	DG-13	DG-14	DG-14	DG-15
		Field Sample Name	DG-09-0406	DG-09-1012	DG-09-1618	DG-09-1618-D	DG-10-1012	DG-10-1618	DG-11-0001	DG-11-0102	DG-12-0001	DG-12-0102	DG-12-0406	DG-12-1012	DG-12-1618	DG-13-0001	DG-14-1012	DG-14-1618	DG-15-0406
		CLP Sample Name	C0AR9	C0AS2	C0AS5	C0AS6	C0AS9	C0AT1	C0AT3	C0AT4	C0AT5	C0AT6	C0AT8	C0AY3	C0AY6	C0AY8	C0AX3	C0AX5	C0AX8
		Sample Date	12/14/2023	12/6/2023	12/6/2023	12/6/2023	12/8/2023	12/8/2023	12/15/2023	12/15/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/1/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
		Depth Interval	4 - 6 ft	10 - 12 ft	16 - 18 ft	16 - 18 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	4 - 6 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	10 - 12 ft	16 - 18 ft	4 - 6 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Hexachlorobiphenyl; 2,2',3,4',5,6'- (PCB 148)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,6,6'- (PCB 145)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',6,6'- (PCB 150)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,5,6,6'- (PCB 152)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',5',6- (PCB 154)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',6,6'- (PCB 155)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,4',6- (PCB 158)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,5'- (PCB 159)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5,5'- (PCB 162)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,6- (PCB 160)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5',6- (PCB 161)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5',6- (PCB 164)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',5,5',6- (PCB 165)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3',4,4',5,5'- (PCB 167)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 3,3',4,4',5,5'- (PCB 169)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monochlorobiphenyl	ug/kg		61	250	32	11 cn	36	42	11	13 cn	10	17 cn	< 68 Ucn	< 6.3 Ucn	110 cn	< 6.7 Ucn	2.4 J	< 5.8 U	< 4.7 U
Nonachlorobiphenyl	ug/kg		< 35 U	< 62 U	< 35 U	< 36 Ucn	10 J	< 32 U	< 26 U	4.6 Jcn	< 34 U	< 28 Ucn	< 340 Ucn	< 31 Ucn	< 93 Ucn	< 33 Ucn	< 27 U	< 29 U	3.4 J
Nonachlorobiphenyl; 2,2',3,3',4,4',5,5',6- (PCB 206)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,4',5,6,6'- (PCB 207)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,5,5',6,6'- (PCB 208)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl (mixed isomers)	ug/kg		< 21 U	< 37 U	< 21 U	< 21 Ucn	2.5 J	< 19 U	1.1 J	21 cn	< 20 U	< 17 Ucn	< 200 Ucn	< 19 Ucn	< 56 Ucn	< 20 Ucn	< 16 U	< 17 U	18
Octachlorobiphenyl; 2,2',3,3',4,4',5,5'- (PCB 194)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6- (PCB 195)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6'- (PCB 196)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,5',6,6'- (PCB 201)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',5,5',6,6'- (PCB 202)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,5',6- (PCB 203)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,6,6'- (PCB 204)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,3,3',4,4',5,5',6- (PCB 205)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 108,124	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 110,115	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 128,166	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 129,138,163	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 135,151	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 139,140	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 147,149	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 153,168	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 156,157	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 171,173	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 180,193	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 183,185	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 197,200	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 198,199	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 40,71	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 44,47,65	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 49,69	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 50,53	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 59,62,75	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 61,70,74,76	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 85,116,117	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 86,87,97,108,119,125	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 90,101,113	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 93,100	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 98,102	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1016 (AROCLOR 1016)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	< 67 U	-	-	-
PCB-1221 (AROCLOR 1221)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	< 67 U	-	-	-
PCB-1232 (AROCLOR 1232)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	< 67 U	-	-	-
PCB-1242 (AROCLOR 1242)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	< 67 U	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-09	DG-09	DG-09	DG-09	DG-10	DG-10	DG-11	DG-11	DG-12	DG-12	DG-12	DG-12	DG-12	DG-13	DG-14	DG-14	DG-15
		Field Sample Name	DG-09-0406	DG-09-1012	DG-09-1618	DG-09-1618-D	DG-10-1012	DG-10-1618	DG-11-0001	DG-11-0102	DG-12-0001	DG-12-0102	DG-12-0406	DG-12-1012	DG-12-1618	DG-13-0001	DG-14-1012	DG-14-1618	DG-15-0406
		CLP Sample Name	C0AR9	C0AS2	C0AS5	C0AS6	C0AS9	C0AT1	C0AT3	C0AT4	C0AT5	C0AT6	C0AT8	C0AY3	C0AY6	C0AY8	C0AX3	C0AX5	C0AX8
		Sample Date	12/14/2023	12/6/2023	12/6/2023	12/6/2023	12/8/2023	12/8/2023	12/15/2023	12/15/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/1/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
		Depth Interval	4 - 6 ft	10 - 12 ft	16 - 18 ft	16 - 18 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	4 - 6 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	10 - 12 ft	16 - 18 ft	4 - 6 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-1248 (AROCLOR 1248)	ug/kg	7000	-	-	-	-	-	-	-	-	-	-	-	-	-	< 67 U	-	-	-
PCB-1254 (AROCLOR 1254)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	< 67 U	-	-	-
PCB-1260 (AROCLOR 1260)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	< 67 U	-	-	-
Pentachlorobiphenyl; 2,2',3,3',4-(PCB 82)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',5-(PCB 83)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',6-(PCB 84)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6-(PCB 88)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6'-(PCB 89)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4',6-(PCB 91)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,5'-(PCB 92)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,6'-(PCB 94)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5',6-(PCB 95)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,6,6'-(PCB 96)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,4',5-(PCB 99)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,5',6-(PCB 103)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,6,6'-(PCB 104)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,4'-(PCB 105)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,5-(PCB 106)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4',5-(PCB 107)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,3',4,5-(PCB 122)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,5'-(PCB 111)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,6-(PCB 112)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,4,4',5-(PCB 114)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,4',5-(PCB 118)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,4,4',5-(PCB 123)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5,5'-(PCB 120)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5',6-(PCB 121)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,4',5-(PCB 126)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,5,5'-(PCB 127)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl;2,2',3,4,5(PCB 86)/2,2',3,4,5'(PCB 87)/2,2',3,4',5' (PCB 97)/2,3,3',4,5' (PCB 108)/ 2,3',4,4',6 (PCB 119)/ 2,3',4',5',6-(PCB 125)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl	ug/kg		130	1000	110	69 cn	120	80	44	33 cn	11 J	190 cn	< 140 Ucn	< 13 Ucn	130 cn	< 13 Ucn	3.5 J	< 12 U	5.7 J
Tetrachlorobiphenyl; 2,2',3,4-(PCB 41)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,4'-(PCB 42)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,5-(PCB 43)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6-(PCB 45)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6'-(PCB 46)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,5-(PCB 48)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,6'-(PCB 51)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',5,5'-(PCB 52)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',6,6'-(PCB 54)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4-(PCB 55)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4'-(PCB 56)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',5-(PCB 57)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-09	DG-09	DG-09	DG-09	DG-10	DG-10	DG-11	DG-11	DG-12	DG-12	DG-12	DG-12	DG-12	DG-13	DG-14	DG-14	DG-15
		Field Sample Name	DG-09-0406	DG-09-1012	DG-09-1618	DG-09-1618-D	DG-10-1012	DG-10-1618	DG-11-0001	DG-11-0102	DG-12-0001	DG-12-0102	DG-12-0406	DG-12-1012	DG-12-1618	DG-13-0001	DG-14-1012	DG-14-1618	DG-15-0406
		CLP Sample Name	C0AR9	C0AS2	C0AS5	C0AS6	C0AS9	C0AT1	C0AT3	C0AT4	C0AT5	C0AT6	C0AT8	C0AY3	C0AY6	C0AY8	C0AX3	C0AX5	C0AX8
		Sample Date	12/14/2023	12/6/2023	12/6/2023	12/6/2023	12/8/2023	12/8/2023	12/15/2023	12/15/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/4/2023	12/1/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
		Depth Interval	4 - 6 ft	10 - 12 ft	16 - 18 ft	16 - 18 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	4 - 6 ft	10 - 12 ft	16 - 18 ft	0 - 1 ft	10 - 12 ft	16 - 18 ft	4 - 6 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Tetrachlorobiphenyl; 2,3,3',5'- (PCB 58)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4,4'- (PCB 60)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,4'- (PCB 66)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',5- (PCB 63)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5- (PCB 67)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5'- (PCB 68)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',6- (PCB 64)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5,5'- (PCB 72)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5',6- (PCB 73)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,4'- (PCB 77)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5- (PCB 78)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5'- (PCB 79)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',5,5'- (PCB 80)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,4,4',5- (PCB 81)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL HEPTACHLOROBIPHENYLS	ug/kg		43	260	21	25 cn	40	27	15	68 cn	< 20 U	< 17 Ucn	< 200 Ucn	< 19 Ucn	27 Jcn	< 20 Ucn	< 16 U	< 17 U	31
TOTAL HEXACHLOROBIPHENYLS	ug/kg		88	470	41	< 14 Ucn	24	< 13 U	29	81 cn	5.5 J	160 cn	< 140 Ucn	< 13 Ucn	49 cn	< 13 Ucn	2.4 J	< 12 U	70
TOTAL PENTACHLOROBIPHENYLS	ug/kg		450	23 J	260	270 cn	480	390	78	110 cn	29	16 cn	< 140 Ucn	< 13 Ucn	300 cn	< 13 Ucn	16	4.3 J	54
Trichlorobiphenyl	ug/kg		330	2100	210	110 cn	280	290	84	68 cn	54	450 cn	< 68 Ucn	< 6.3 Ucn	250 cn	< 6.7 Ucn	18	2.9 J	0.47 J
Trichlorobiphenyl; 2,2',3- (PCB 16)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',4- (PCB 17)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',6- (PCB 19)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,4'- (PCB 22)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',4- (PCB 25)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,5- (PCB 23)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2',3,5- (PCB 34)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,6- (PCB 24)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',6- (PCB 27)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',5- (PCB 31)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',6- (PCB 32)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',4- (PCB 35)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',5- (PCB 36)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,4'- (PCB 37)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,5- (PCB 38)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4',5- (PCB 39)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
N - Routine sample
FD - Field duplicate
ug/kg - micrograms per kilogram
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
U - value was below the method detection limit (non-dete
J - estimated value below the reporting limit but above th

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-15	DG-15	DG-15	DG-16	DG-16	DG-16	DG-17	DG-17	DG-17	DG-17	DG-18	DG-18	DG-18	DG-19	DG-19	DG-19	DG-20
		Field Sample Name	DG-15-1012	DG-15-1618	DG-15-1012-D	DG-16-0102	DG-16-0304	DG-16-0506	DG-17-0102	DG-17-0304	DG-17-0506	DG-17-0506-D	DG-18-1012	DG-18-1618	DG-18-1012-D	DG-19-0102	DG-19-0304	DG-19-0506	DG-20-0102
		CLP Sample Name	C0AZ3	C0AZ6	C0AZ4	C0B02	C0B03	C0B05	C0B07	C0B09	C0B10	C0B18	C0B23	C0B19	C0B25	C0B26	C0B28	C0B31
		Sample Date	12/12/2023	12/12/2023	12/12/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/14/2023	12/14/2023	12/14/2023	12/13/2023
		Sample Type	N	N	FD	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N
		Depth Interval	10 - 12 ft	16 - 18 ft	10 - 12 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	5 - 6 ft	10 - 12 ft	16 - 18 ft	10 - 12 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	1 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Chlorobiphenyl; 2- (PCB 1)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobiphenyl; 3- (PCB 2)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobiphenyl; 4- (PCB 3)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,2',5- (PCB 18)/ 2,4,6-(PCB 30)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,3'- (PCB 20)/ 2,4,4'-(PCB 28)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,4- (PCB 21)/ 2,3',4'-(PCB 33)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3',5- (PCB 26)/ 2,4,5-(PCB 29)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decachlorobiphenyl (PCB 209)	ug/kg		< 36 U	< 22 U	< 35 U	< 20 U	< 18 U	< 18 U	< 20 U	< 18 U	< 19 U	< 19 U	< 26 U	< 43 U	< 26 U	< 20 Ucn	< 20 Ucn	< 19 U	< 19 Ucn
Dichlorobiphenyl	ug/kg		< 7.2 U	320	< 7.0 U	< 4.0 U	170	5	< 4.0 U	< 3.7 U	< 3.7 U	< 3.7 U	2.8 J	< 8.6 U	2.6 J	< 3.9 U	< 4.0 U	< 3.8 U	< 3.9 U
Dichlorobiphenyl, 2,2'- (PCB 4)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,3- (PCB 5)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,3'- (PCB 6)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,4- (PCB 7)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,4'- (PCB 8)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,5- (PCB 9)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,6- (PCB 10)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 3,3'- (PCB 11)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DICHLOROBIPHENYL; 3,4 - (PCB 12)/ 3,4'-(PCB 13)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 3,5- (PCB 14)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 4,4'- (PCB 15)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,4',5- (PCB 170)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,5'- (PCB 172)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,6'- (PCB 174)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5',6- (PCB 175)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4',5,6- (PCB 177)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,6,6'- (PCB 176)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,5',6- (PCB 178)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,6,6'- (PCB 179)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6- (PCB 181)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6'- (PCB 182)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',6,6'- (PCB 184)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,5',6- (PCB 187)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,5,6,6'- (PCB 186)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,6,6'- (PCB 188)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,5'- (PCB 189)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,6- (PCB 190)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5',6- (PCB 191)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,5,5',6- (PCB 192)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,5'- (PCB 130)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6- (PCB 131)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6'- (PCB 132)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,5'- (PCB 133)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,6- (PCB 134)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',6,6'- (PCB 136)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,4',5- (PCB 137)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,5'- (PCB 141)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',5,5'- (PCB 146)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6- (PCB 142)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6'- (PCB 143)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5',6- (PCB 144)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-15	DG-15	DG-15	DG-16	DG-16	DG-16	DG-17	DG-17	DG-17	DG-17	DG-18	DG-18	DG-18	DG-19	DG-19	DG-19	DG-20
		Field Sample Name	DG-15-1012	DG-15-1618	DG-15-1012-D	DG-16-0102	DG-16-0304	DG-16-0506	DG-17-0102	DG-17-0304	DG-17-0506	DG-17-0506-D	DG-18-1012	DG-18-1618	DG-18-1012-D	DG-19-0102	DG-19-0304	DG-19-0506	DG-20-0102
		CLP Sample Name	C0AZ3	C0AZ6	C0AZ4	C0B02	C0B02	C0B03	C0B05	C0B07	C0B09	C0B10	C0B18	C0B23	C0B19	C0B25	C0B26	C0B28	C0B31
		Sample Date	12/12/2023	12/12/2023	12/12/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/14/2023	12/14/2023	12/14/2023	12/13/2023
		Sample Type	N	N	FD	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N
		Depth Interval	10 - 12 ft	16 - 18 ft	10 - 12 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	5 - 6 ft	10 - 12 ft	16 - 18 ft	10 - 12 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	1 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Hexachlorobiphenyl; 2,2',3,4',5,6'- (PCB 148)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,6,6'- (PCB 145)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',6,6'- (PCB 150)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,5,6,6'- (PCB 152)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',5',6- (PCB 154)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',6,6'- (PCB 155)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,4',6- (PCB 158)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,5'- (PCB 159)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5,5'- (PCB 162)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,6- (PCB 160)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5',6- (PCB 161)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5',6- (PCB 164)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',5,5',6- (PCB 165)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3',4,4',5,5'- (PCB 167)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 3,3',4,4',5,5'- (PCB 169)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monochlorobiphenyl	ug/kg		< 7.2 U	110	< 7.0 U	< 4.0 U	41	0.76 J	< 4.0 U	< 3.7 U	< 3.7 U	< 3.7 U	0.58 J	< 8.6 U	< 5.2 U	< 3.9 U	< 4.0 U	< 3.8 U	< 3.9 U
Nonachlorobiphenyl	ug/kg		< 36 U	< 22 U	< 35 U	< 20 U	< 18 U	< 18 U	< 20 U	< 18 U	< 19 U	< 19 U	< 26 U	< 43 U	< 26 U	< 20 U	< 20 U	< 19 U	< 19 U
Nonachlorobiphenyl; 2,2',3,3',4,4',5,5',6- (PCB 206)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,4',5,6,6'- (PCB 207)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,5,5',6,6'- (PCB 208)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl (mixed isomers)	ug/kg		8.0 J	< 13 U	8.5 J	< 12 U	< 11 U	< 11 U	< 12 U	< 11 U	< 11 U	< 11 U	< 15 U	< 26 U	< 16 U	< 12 U	< 12 U	< 12 U	< 12 U
Octachlorobiphenyl; 2,2',3,3',4,4',5,5'- (PCB 194)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6- (PCB 195)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6'- (PCB 196)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,5',6,6'- (PCB 201)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',5,5',6,6'- (PCB 202)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,5',6- (PCB 203)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,6,6'- (PCB 204)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,3,3',4,4',5,5',6- (PCB 205)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 108,124	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 110,115	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 128,166	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 129,138,163	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 135,151	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 139,140	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 147,149	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 153,168	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 156,157	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 171,173	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 180,193	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 183,185	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 197,200	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 198,199	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 40,71	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 44,47,65	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 49,69	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 50,53	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 59,62,75	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 61,70,74,76	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 85,116,117	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 86,87,97,108,119,125	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 90,101,113	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 93,100	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 98,102	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1016 (AROCLOR 1016)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1221 (AROCLOR 1221)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1232 (AROCLOR 1232)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1242 (AROCLOR 1242)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-15	DG-15	DG-15	DG-16	DG-16	DG-16	DG-17	DG-17	DG-17	DG-17	DG-18	DG-18	DG-18	DG-19	DG-19	DG-19	DG-20
		Field Sample Name	DG-15-1012	DG-15-1618	DG-15-1012-D	DG-16-0102	DG-16-0304	DG-16-0506	DG-17-0102	DG-17-0304	DG-17-0506	DG-17-0506-D	DG-18-1012	DG-18-1618	DG-18-1012-D	DG-19-0102	DG-19-0304	DG-19-0506	DG-20-0102
		CLP Sample Name	C0AZ3	C0AZ6	C0AZ4	C0B02	C0B02	C0B03	C0B05	C0B07	C0B09	C0B10	C0B18	C0B23	C0B19	C0B25	C0B26	C0B28	C0B31
		Sample Date	12/12/2023	12/12/2023	12/12/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/14/2023	12/14/2023	12/14/2023	12/13/2023
		Sample Type	N	N	FD	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N
		Depth Interval	10 - 12 ft	16 - 18 ft	10 - 12 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	5 - 6 ft	10 - 12 ft	16 - 18 ft	10 - 12 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	1 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-1248 (AROCLOR 1248)	ug/kg	7000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1254 (AROCLOR 1254)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1260 (AROCLOR 1260)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',4-(PCB 82)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',5-(PCB 83)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',6-(PCB 84)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6-(PCB 88)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6'-(PCB 89)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4',6-(PCB 91)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,5'-(PCB 92)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,6'-(PCB 94)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5',6-(PCB 95)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,6,6'-(PCB 96)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,4',5-(PCB 99)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,5',6-(PCB 103)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,6,6'-(PCB 104)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,4'-(PCB 105)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,5-(PCB 106)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4',5-(PCB 107)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,3',4,5-(PCB 122)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,5'-(PCB 111)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,6-(PCB 112)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,4,4',5-(PCB 114)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,4',5-(PCB 118)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,4,4',5-(PCB 123)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5,5'-(PCB 120)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5',6-(PCB 121)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,4',5-(PCB 126)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,5,5'-(PCB 127)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl;2,2',3,4,5(PCB 86)/2,2',3,4,5'(PCB 87)/2,2',3,4',5' (PCB 97)/2,3,3',4,5' (PCB 108)/ 2,3',4,4',6 (PCB 119)/ 2,3',4',5',6-(PCB 125)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl	ug/kg		< 14 U	470	1.3 J	< 7.9 U	250	7.1 J	< 8.1 U	< 7.4 U	< 7.5 U	< 7.5 U	< 10 U	< 17 U	< 10 U	< 7.8 U	< 8.0 U	< 7.7 U	< 7.8 U
Tetrachlorobiphenyl; 2,2',3,4-(PCB 41)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,4'-(PCB 42)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,5-(PCB 43)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6-(PCB 45)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6'-(PCB 46)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,5-(PCB 48)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,6'-(PCB 51)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',5,5'-(PCB 52)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',6,6'-(PCB 54)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4-(PCB 55)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4'-(PCB 56)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',5-(PCB 57)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-15	DG-15	DG-15	DG-16	DG-16	DG-16	DG-17	DG-17	DG-17	DG-17	DG-18	DG-18	DG-18	DG-19	DG-19	DG-19	DG-20
		Field Sample Name	DG-15-1012	DG-15-1618	DG-15-1012-D	DG-16-0102	DG-16-0304	DG-16-0506	DG-17-0102	DG-17-0304	DG-17-0506	DG-17-0506-D	DG-18-1012	DG-18-1618	DG-18-1012-D	DG-19-0102	DG-19-0304	DG-19-0506	DG-20-0102
		CLP Sample Name	C0AZ3	C0AZ6	C0AZ4	C0B02	C0B02	C0B03	C0B05	C0B07	C0B09	C0B10	C0B18	C0B23	C0B19	C0B25	C0B26	C0B28	C0B31
		Sample Date	12/12/2023	12/12/2023	12/12/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/14/2023	12/14/2023	12/14/2023	12/13/2023
		Sample Type	N	N	FD	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N
		Depth Interval	10 - 12 ft	16 - 18 ft	10 - 12 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	5 - 6 ft	10 - 12 ft	16 - 18 ft	10 - 12 ft	1 - 2 ft	3 - 4 ft	5 - 6 ft	1 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Tetrachlorobiphenyl; 2,3,3',5'- (PCB 58)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4,4'- (PCB 60)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,4'- (PCB 66)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',5- (PCB 63)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5- (PCB 67)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5'- (PCB 68)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',6- (PCB 64)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5,5'- (PCB 72)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5',6- (PCB 73)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,4'- (PCB 77)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5- (PCB 78)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5'- (PCB 79)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',5,5'- (PCB 80)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,4,4',5- (PCB 81)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL HEPTACHLOROBIPHENYLS	ug/kg		14 J	92	16 J	< 12 U	50	< 11 U	< 12 U	< 11 U	< 11 U	< 11 U	1.3 J	< 26 U	1.2 J	< 12 U	< 12 U	< 12 U	< 12 U
TOTAL HEXACHLOROBIPHENYLS	ug/kg		33	250	36	< 7.9 U	110	4.6 J	< 8.1 U	< 7.4 U	< 7.5 U	< 7.5 U	9.2 J	< 17 U	8.5 J	< 7.8 U	< 8.0 U	< 7.7 U	< 7.8 U
TOTAL PENTACHLOROBIPHENYLS	ug/kg		14	24	17	2.0 J	24	26	< 8.1 U	< 7.4 U	< 7.5 U	< 7.5 U	16	4.8 J	17	< 7.8 U	< 8.0 U	< 7.7 U	< 7.8 U
Trichlorobiphenyl	ug/kg		< 7.2 U	1000	< 7.0 U	0.67 J	460	15	< 4.0 U	< 3.7 U	< 3.7 U	< 3.7 U	7.2	0.90 J	7.6	< 3.9 U	< 4.0 U	< 3.8 U	< 3.9 U
Trichlorobiphenyl; 2,2',3- (PCB 16)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',4- (PCB 17)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',6- (PCB 19)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,4'- (PCB 22)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',4- (PCB 25)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,5- (PCB 23)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2',3,5- (PCB 34)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,6- (PCB 24)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',6- (PCB 27)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',5- (PCB 31)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',6- (PCB 32)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',4- (PCB 35)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',5- (PCB 36)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,4'- (PCB 37)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,5- (PCB 38)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4',5- (PCB 39)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
N - Routine sample
FD - Field duplicate
ug/kg - micrograms per kilogram
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
U - value was below the method detection limit (non-dete
J - estimated value below the reporting limit but above th

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-20	DG-20	TS-01	TS-01	TS-01	TS-01	TS-01	TS-02	TS-02	TS-02	TS-02	TS-03	TS-03	TS-03	TS-03	TS-03	TS-04
		Field Sample Name	DG-20-0304	DG-20-0506	TS-01-0002	TS-01-0204	TS-01-0406	TS-01-0810	TS-01-0204-D	TS-02-0002	TS-02-0406	TS-02-0608	TS-02-0810	TS-03-0002	TS-03-0204	TS-03-0406	TS-03-0608	TS-03-0406-D	TS-04-0001
		CLP Sample Name	C0B33	C0B37	C0B40	C0B41	C0B48	C0B50	C0B47	C0B51	C0B52	C0B538	C0B54	C0B56	C0B59	C0B57	C0B58	C0B60	C0B62
		Sample Date	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	11/30/2023
		Sample Type	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	FD	N
		Depth Interval	3 - 4 ft	5 - 6 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	8 - 10 ft	2 - 4 ft	0 - 2 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	4 - 6 ft	0 - 1 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Chlorobiphenyl; 2- (PCB 1)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12
Chlorobiphenyl; 3- (PCB 2)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.094
Chlorobiphenyl; 4- (PCB 3)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
colute: Trichlorobiphenyls; 2,2',5- (PCB 18)/ 2,4,6-(PCB 30)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27
colute: Trichlorobiphenyls; 2,3,3'- (PCB 20)/ 2,4,4'-(PCB 28)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.46
colute: Trichlorobiphenyls; 2,3,4- (PCB 21)/ 2,3',4'-(PCB 33)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26
colute: Trichlorobiphenyls; 2,3',5- (PCB 26)/ 2,4,5-(PCB 29)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17
Decachlorobiphenyl (PCB 209)	ug/kg		< 19 Ucn	< 19 Ucn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
Dichlorobiphenyl	ug/kg		< 3.8 U	< 3.8 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl, 2,2'- (PCB 4)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
Dichlorobiphenyl; 2,3- (PCB 5)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 J
Dichlorobiphenyl; 2,3'- (PCB 6)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
Dichlorobiphenyl; 2,4- (PCB 7)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.032
Dichlorobiphenyl; 2,4'- (PCB 8)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.43
Dichlorobiphenyl; 2,5- (PCB 9)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12
Dichlorobiphenyl; 2,6- (PCB 10)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.033 U
Dichlorobiphenyl; 3,3'- (PCB 11)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.15 U
DICHLOROBIPHENYL; 3,4 - (PCB 12)/ 3,4'-(PCB 13)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Dichlorobiphenyl; 3,5- (PCB 14)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02 U
Dichlorobiphenyl; 4,4'- (PCB 15)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21
Heptachlorobiphenyl; 2,2',3,3',4,4',5- (PCB 170)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.31 Icn
Heptachlorobiphenyl; 2,2',3,3',4,5,5'- (PCB 172)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015 J
Heptachlorobiphenyl; 2,2',3,3',4,5,6'- (PCB 174)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12
Heptachlorobiphenyl; 2,2',3,3',4,5',6- (PCB 175)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015 J
Heptachlorobiphenyl; 2,2',3,3',4',5,6- (PCB 177)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.051
Heptachlorobiphenyl; 2,2',3,3',4,6,6'- (PCB 176)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.034
Heptachlorobiphenyl; 2,2',3,3',5,5',6- (PCB 178)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.026
Heptachlorobiphenyl; 2,2',3,3',5,6,6'- (PCB 179)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.064
Heptachlorobiphenyl; 2,2',3,4,4',5,6- (PCB 181)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Heptachlorobiphenyl; 2,2',3,4,4',5,6'- (PCB 182)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015 J
Heptachlorobiphenyl; 2,2',3,4,4',6,6'- (PCB 184)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0079 J
Heptachlorobiphenyl; 2,2',3,4',5,5',6- (PCB 187)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
Heptachlorobiphenyl; 2,2',3,4,5,6,6'- (PCB 186)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Heptachlorobiphenyl; 2,2',3,4',5,6,6'- (PCB 188)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.11 U
Heptachlorobiphenyl; 2,3,3',4,4',5,5'- (PCB 189)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01 JI
Heptachlorobiphenyl; 2,3,3',4,4',5,6- (PCB 190)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.012 J
Heptachlorobiphenyl; 2,3,3',4,4',5',6- (PCB 191)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Heptachlorobiphenyl; 2,3,3',4,5,5',6- (PCB 192)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Hexachlorobiphenyl; 2,2',3,3',4,5'- (PCB 130)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.033
Hexachlorobiphenyl; 2,2',3,3',4,6- (PCB 131)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0049 J
Hexachlorobiphenyl; 2,2',3,3',4,6'- (PCB 132)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
Hexachlorobiphenyl; 2,2',3,3',5,5'- (PCB 133)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0084 J
Hexachlorobiphenyl; 2,2',3,3',5,6- (PCB 134)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.012 J
Hexachlorobiphenyl; 2,2',3,3',6,6'- (PCB 136)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.089
Hexachlorobiphenyl; 2,2',3,4,4',5- (PCB 137)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.026
Hexachlorobiphenyl; 2,2',3,4,5,5'- (PCB 141)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.036
Hexachlorobiphenyl; 2,2',3,4',5,5'- (PCB 146)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.083
Hexachlorobiphenyl; 2,2',3,4,5,6- (PCB 142)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Hexachlorobiphenyl; 2,2',3,4,5,6'- (PCB 143)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015 J
Hexachlorobiphenyl; 2,2',3,4,5',6- (PCB 144)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.033

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-20	DG-20	TS-01	TS-01	TS-01	TS-01	TS-01	TS-02	TS-02	TS-02	TS-02	TS-03	TS-03	TS-03	TS-03	TS-03	TS-04
		Field Sample Name	DG-20-0304	DG-20-0506	TS-01-0002	TS-01-0204	TS-01-0406	TS-01-0810	TS-01-0204-D	TS-02-0002	TS-02-0406	TS-02-0608	TS-02-0810	TS-03-0002	TS-03-0204	TS-03-0406	TS-03-0608	TS-03-0406-D	TS-04-0001
		CLP Sample Name	C0B33	C0B37	C0B40	C0B41	C0B48	C0B50	C0B47	C0B51	C0B52	C0B538	C0B54	C0B56	C0B59	C0B57	C0B58	C0B60	C0B62
		Sample Date	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	11/30/2023
		Sample Type	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	FD	N
		Depth Interval	3 - 4 ft	5 - 6 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	8 - 10 ft	2 - 4 ft	0 - 2 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	4 - 6 ft	0 - 1 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Hexachlorobiphenyl; 2,2',3,4',5,6'- (PCB 148)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.024
Hexachlorobiphenyl; 2,2',3,4,6,6'- (PCB 145)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Hexachlorobiphenyl; 2,2',3,4',6,6'- (PCB 150)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
Hexachlorobiphenyl; 2,2',3,5,6,6'- (PCB 152)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Hexachlorobiphenyl; 2,2',4,4',5',6- (PCB 154)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.049 J
Hexachlorobiphenyl; 2,2',4,4',6,6'- (PCB 155)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02 U
Hexachlorobiphenyl; 2,3,3',4,4',6- (PCB 158)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.019
Hexachlorobiphenyl; 2,3,3',4,5,5'- (PCB 159)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Hexachlorobiphenyl; 2,3,3',4',5,5'- (PCB 162)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34 I
Hexachlorobiphenyl; 2,3,3',4,5,6- (PCB 160)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Hexachlorobiphenyl; 2,3,3',4,5',6- (PCB 161)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Hexachlorobiphenyl; 2,3,3',4',5',6- (PCB 164)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.028
Hexachlorobiphenyl; 2,3,3',5,5',6- (PCB 165)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Hexachlorobiphenyl; 2,3',4,4',5,5'- (PCB 167)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.014 J
Hexachlorobiphenyl; 3,3',4,4',5,5'- (PCB 169)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Monochlorobiphenyl	ug/kg		< 3.8 U	< 3.8 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonachlorobiphenyl	ug/kg		< 19 U	< 19 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,4',5,5',6- (PCB 206)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17
Nonachlorobiphenyl; 2,2',3,3',4,4',5,6,6'- (PCB 207)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.024
Nonachlorobiphenyl; 2,2',3,3',4,5,5',6,6'- (PCB 208)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.085
Octachlorobiphenyl (mixed isomers)	ug/kg		< 11 U	< 11 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,5'- (PCB 194)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.044
Octachlorobiphenyl; 2,2',3,3',4,4',5,6- (PCB 195)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015 J
Octachlorobiphenyl; 2,2',3,3',4,4',5,6'- (PCB 196)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.055
Octachlorobiphenyl; 2,2',3,3',4,5',6,6'- (PCB 201)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.099 U
Octachlorobiphenyl; 2,2',3,3',5,5',6,6'- (PCB 202)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.032
Octachlorobiphenyl; 2,2',3,4,4',5,5',6- (PCB 203)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.043
Octachlorobiphenyl; 2,2',3,4,4',5,6,6'- (PCB 204)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Octachlorobiphenyl; 2,3,3',4,4',5,5',6- (PCB 205)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
PCB Coelute 108,124	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.035 U
PCB Coelute 110,115	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26
PCB Coelute 128,166	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.043
PCB Coelute 129,138,163	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28
PCB Coelute 135,151	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17
PCB Coelute 139,140	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.027 J
PCB Coelute 147,149	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33
PCB Coelute 153,168	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33
PCB Coelute 156,157	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.023 J
PCB Coelute 171,173	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.033 J
PCB Coelute 180,193	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
PCB Coelute 183,185	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.091
PCB Coelute 197,200	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02 J
PCB Coelute 198,199	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.089
PCB Coelute 40,71	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
PCB Coelute 44,47,65	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35
PCB Coelute 49,69	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23
PCB Coelute 50,53	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.046 J
PCB Coelute 59,62,75	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.037 J
PCB Coelute 61,70,74,76	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.49
PCB Coelute 85,116,117	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.065
PCB Coelute 86,87,97,108,119,125	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17
PCB Coelute 90,101,113	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.38
PCB Coelute 93,100	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011 JI
PCB Coelute 98,102	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
PCB-1016 (AROCLOR 1016)	ug/kg		-	-	< 580 U*+cn	< 85 U*+cn	< 28 U*+cn	< 66 U*+	< 48 U*+cn	< 30 U	< 36 Ucn	< 2000 UF1cn	< 140 Ucn	< 320 Ucn	< 2100 Ucn	< 1300 Ucn	< 250 Ucn	< 1400 Ucn	-
PCB-1221 (AROCLOR 1221)	ug/kg		-	-	< 580 Ucn	< 85 Ucn	< 28 Ucn	< 66 U	< 48 Ucn	< 30 U	< 36 Ucn	< 2000 Ucn	< 140 Ucn	< 320 Ucn	< 2100 Ucn	< 1300 Ucn	< 250 Ucn	< 1400 Ucn	-
PCB-1232 (AROCLOR 1232)	ug/kg		-	-	< 580 Ucn	< 85 Ucn	< 28 Ucn	< 66 U	< 48 Ucn	< 30 U	< 36 Ucn	< 2000 Ucn	< 140 Ucn	< 320 Ucn	< 2100 Ucn	< 1300 Ucn	< 250 Ucn	< 1400 Ucn	-
PCB-1242 (AROCLOR 1242)	ug/kg		-	-	< 580 Ucn	< 85 Ucn	< 28 Ucn	< 66 U	< 48 Ucn	< 30 U	< 36 Ucn	< 2000 Ucn	< 140 Ucn	< 320 Ucn	< 2100 Ucn	< 1300 Ucn	< 250 Ucn	< 1400 Ucn	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-20	DG-20	TS-01	TS-01	TS-01	TS-01	TS-01	TS-02	TS-02	TS-02	TS-02	TS-03	TS-03	TS-03	TS-03	TS-03	TS-04
		Field Sample Name	DG-20-0304	DG-20-0506	TS-01-0002	TS-01-0204	TS-01-0406	TS-01-0810	TS-01-0204-D	TS-02-0002	TS-02-0406	TS-02-0608	TS-02-0810	TS-03-0002	TS-03-0204	TS-03-0406	TS-03-0608	TS-03-0406-D	TS-04-0001
		CLP Sample Name	C0B33	C0B37	C0B40	C0B41	C0B48	C0B50	C0B47	C0B51	C0B52	C0B538	C0B54	C0B56	C0B59	C0B57	C0B58	C0B60	C0B62
		Sample Date	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	11/30/2023
		Sample Type	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	FD	N
		Depth Interval	3 - 4 ft	5 - 6 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	8 - 10 ft	2 - 4 ft	0 - 2 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	4 - 6 ft	0 - 1 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-1248 (AROCLOR 1248)	ug/kg	7000	-	-	< 580 Ucn	< 85 Ucn	< 28 Ucn	< 66 U	< 48 Ucn	< 30 U	< 36 Ucn	< 2000 Ucn	< 140 Ucn	< 320 Ucn	< 2100 Ucn	< 1300 Ucn	< 250 Ucn	< 1400 Ucn	-
PCB-1254 (AROCLOR 1254)	ug/kg		-	-	< 580 Ucn	< 85 Ucn	< 28 Ucn	< 66 U	< 48 Ucn	< 30 U	< 36 Ucn	< 2000 Ucn	< 140 Ucn	< 320 Ucn	< 2100 Ucn	< 1300 Ucn	< 250 Ucn	< 1400 Ucn	-
PCB-1260 (AROCLOR 1260)	ug/kg		-	-	< 580 Ucn	< 85 Ucn	< 28 Ucn	< 66 U	< 48 Ucn	< 30 U	< 36 Ucn	< 2000 UF1cn	< 140 Ucn	< 320 Ucn	< 2100 Ucn	< 1300 Ucn	< 250 Ucn	< 1400 Ucn	-
Pentachlorobiphenyl; 2,2',3,3',4-(PCB 82)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.037
Pentachlorobiphenyl; 2,2',3,3',5-(PCB 83)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.016 J
Pentachlorobiphenyl; 2,2',3,3',6-(PCB 84)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09
Pentachlorobiphenyl; 2,2',3,4,6-(PCB 88)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Pentachlorobiphenyl; 2,2',3,4,6'-(PCB 89)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.018
Pentachlorobiphenyl; 2,2',3,4',6-(PCB 91)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1
Pentachlorobiphenyl; 2,2',3,5,5'-(PCB 92)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.069
Pentachlorobiphenyl; 2,2',3,5,6'-(PCB 94)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.016 J
Pentachlorobiphenyl; 2,2',3,5',6-(PCB 95)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22
Pentachlorobiphenyl; 2,2',3,6,6'-(PCB 96)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013 J
Pentachlorobiphenyl; 2,2',4,4',5-(PCB 99)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25
Pentachlorobiphenyl; 2,2',4,5',6-(PCB 103)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
Pentachlorobiphenyl; 2,2',4,6,6'-(PCB 104)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Pentachlorobiphenyl; 2,3,3',4,4'-(PCB 105)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4 I
Pentachlorobiphenyl; 2,3,3',4,5-(PCB 106)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Pentachlorobiphenyl; 2,3,3',4',5-(PCB 107)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031 I
Pentachlorobiphenyl; 2',3,3',4,5-(PCB 122)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Pentachlorobiphenyl; 2,3,3',5,5'-(PCB 111)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02 U
Pentachlorobiphenyl; 2,3,3',5,6-(PCB 112)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Pentachlorobiphenyl; 2,3,4,4',5-(PCB 114)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Pentachlorobiphenyl; 2,3',4,4',5-(PCB 118)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Pentachlorobiphenyl; 2',3,4,4',5-(PCB 123)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0094 J
Pentachlorobiphenyl; 2,3',4,5,5'-(PCB 120)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02 U
Pentachlorobiphenyl; 2,3',4,5',6-(PCB 121)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Pentachlorobiphenyl; 3,3',4,4',5-(PCB 126)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Pentachlorobiphenyl; 3,3',4,5,5'-(PCB 127)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Pentachlorobiphenyl;2,2',3,4,5(PCB 86)/2,2',3,4,5'(PCB 87)/2,2',3,4',5' (PCB 97)/2,3,3',4,5' (PCB 108)/ 2,3',4,4',6 (PCB 119)/ 2,3',4',5',6-(PCB 125)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17
Tetrachlorobiphenyl	ug/kg		< 7.6 U	< 7.6 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,4-(PCB 41)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Tetrachlorobiphenyl; 2,2',3,4'-(PCB 42)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
Tetrachlorobiphenyl; 2,2',3,5-(PCB 43)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0091 J
Tetrachlorobiphenyl; 2,2',3,6-(PCB 45)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.053
Tetrachlorobiphenyl; 2,2',3,6'-(PCB 46)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.029
Tetrachlorobiphenyl; 2,2',4,5-(PCB 48)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.053
Tetrachlorobiphenyl; 2,2',4,6'-(PCB 51)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01 J
Tetrachlorobiphenyl; 2,2',5,5'-(PCB 52)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34
Tetrachlorobiphenyl; 2,2',6,6'-(PCB 54)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Tetrachlorobiphenyl; 2,3,3',4-(PCB 55)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Tetrachlorobiphenyl; 2,3,3',4'-(PCB 56)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21
Tetrachlorobiphenyl; 2,3,3',5-(PCB 57)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-20	DG-20	TS-01	TS-01	TS-01	TS-01	TS-01	TS-02	TS-02	TS-02	TS-02	TS-03	TS-03	TS-03	TS-03	TS-03	TS-04
		Field Sample Name	DG-20-0304	DG-20-0506	TS-01-0002	TS-01-0204	TS-01-0406	TS-01-0810	TS-01-0204-D	TS-02-0002	TS-02-0406	TS-02-0608	TS-02-0810	TS-03-0002	TS-03-0204	TS-03-0406	TS-03-0608	TS-03-0406-D	TS-04-0001
		CLP Sample Name	C0B33	C0B37	C0B40	C0B41	C0B48	C0B50	C0B47	C0B51	C0B52	C0B538	C0B54	C0B56	C0B59	C0B57	C0B58	C0B60	C0B62
		Sample Date	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	11/30/2023
		Sample Type	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	FD	N
		Depth Interval	3 - 4 ft	5 - 6 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	8 - 10 ft	2 - 4 ft	0 - 2 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	4 - 6 ft	0 - 1 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Tetrachlorobiphenyl; 2,3,3',5'- (PCB 58)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0046 J
Tetrachlorobiphenyl; 2,3,4,4'- (PCB 60)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.06 U
Tetrachlorobiphenyl; 2,3',4,4'- (PCB 66)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26
Tetrachlorobiphenyl; 2,3,4',5- (PCB 63)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031
Tetrachlorobiphenyl; 2,3',4,5- (PCB 67)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.014 J
Tetrachlorobiphenyl; 2,3',4,5'- (PCB 68)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011 J
Tetrachlorobiphenyl; 2,3,4',6- (PCB 64)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21
Tetrachlorobiphenyl; 2,3',5,5'- (PCB 72)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013 J
Tetrachlorobiphenyl; 2,3',5',6- (PCB 73)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Tetrachlorobiphenyl; 3,3',4,4'- (PCB 77)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.067
Tetrachlorobiphenyl; 3,3',4,5- (PCB 78)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Tetrachlorobiphenyl; 3,3',4,5'- (PCB 79)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Tetrachlorobiphenyl; 3,3',5,5'- (PCB 80)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Tetrachlorobiphenyl; 3,4,4',5- (PCB 81)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02 U
TOTAL HEPTACHLOROBIPHENYLS	ug/kg		< 11 U	< 11 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL HEXACHLOROBIPHENYLS	ug/kg		< 7.6 U	< 7.6 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PENTACHLOROBIPHENYLS	ug/kg		2.9 J	< 7.6 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl	ug/kg		0.47 J	< 3.8 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',3- (PCB 16)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2
Trichlorobiphenyl; 2,2',4- (PCB 17)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
Trichlorobiphenyl; 2,2',6- (PCB 19)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.026
Trichlorobiphenyl; 2,3,4'- (PCB 22)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
Trichlorobiphenyl; 2,3',4- (PCB 25)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
Trichlorobiphenyl; 2,3,5- (PCB 23)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Trichlorobiphenyl; 2',3,5- (PCB 34)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Trichlorobiphenyl; 2,3,6- (PCB 24)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.041
Trichlorobiphenyl; 2,3',6- (PCB 27)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025
Trichlorobiphenyl; 2,4',5- (PCB 31)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.93
Trichlorobiphenyl; 2,4',6- (PCB 32)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.088
Trichlorobiphenyl; 3,3',4- (PCB 35)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.021
Trichlorobiphenyl; 3,3',5- (PCB 36)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Trichlorobiphenyl; 3,4,4'- (PCB 37)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2
Trichlorobiphenyl; 3,4,5- (PCB 38)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U
Trichlorobiphenyl; 3,4',5- (PCB 39)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.018 U

Notes:
N - Routine sample
FD - Field duplicate
ug/kg - micrograms per kilogram
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
U - value was below the method detection limit (non-dete
J - estimated value below the reporting limit but above th

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-04	TS-04	TS-04	TS-04	TS-04	TS-05	TS-05	TS-05	TS-05	TS-05	TS-06	TS-06	TS-06	TS-06	TS-06	TS-07	TS-07
		Field Sample Name	TS-04-0002	TS-04-0102	TS-04-0204	TS-04-0406	TS-04-0608	TS-05-0002	TS-05-0204	TS-05-0406	TS-05-0608	TS-05-0810	DG-10-0002	DG-10-0204	DG-10-0406	DG-10-0608	DG-10-0810	DG-14-0002	DG-14-0204
		CLP Sample Name	TS-04-0002	C0B68	C0B63	C0B64	C0B65	C0B69	C0B67	C0B71	C0B70	C0B42	C0AW1	C0AW3	C0AW4	C0AW5	C0AS8	C0AW9	C0AX0
		Sample Date	11/30/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/13/2023	12/13/2023
		Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Depth Interval	0 - 2 ft	1 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Chlorobiphenyl; 2- (PCB 1)	ug/kg		-	< 0.026 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobiphenyl; 3- (PCB 2)	ug/kg		-	< 0.026 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobiphenyl; 4- (PCB 3)	ug/kg		-	< 0.036 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,2',5- (PCB 18)/ 2,4,6-(PCB 30)	ug/kg		-	0.014 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,3'- (PCB 20)/ 2,4,4'-(PCB 28)	ug/kg		-	0.02 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,4- (PCB 21)/ 2,3',4'-(PCB 33)	ug/kg		-	0.012 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3',5- (PCB 26)/ 2,4,5-(PCB 29)	ug/kg		-	< 0.04 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decachlorobiphenyl (PCB 209)	ug/kg		-	< 0.1 U	-	-	-	-	-	-	-	-	-	-	< 27 U	-	-	-	-
Dichlorobiphenyl	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	85	-	-	-	-
Dichlorobiphenyl, 2,2'- (PCB 4)	ug/kg		-	< 0.033 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,3- (PCB 5)	ug/kg		-	< 0.033 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,3'- (PCB 6)	ug/kg		-	0.012 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,4- (PCB 7)	ug/kg		-	< 0.019 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,4'- (PCB 8)	ug/kg		-	0.022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,5- (PCB 9)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,6- (PCB 10)	ug/kg		-	< 0.026 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 3,3'- (PCB 11)	ug/kg		-	< 0.12 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DICHLOROBIPHENYL; 3,4 - (PCB 12)/ 3,4'-(PCB 13)	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 3,5- (PCB 14)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobiphenyl; 4,4'- (PCB 15)	ug/kg		-	0.011 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,4',5- (PCB 170)	ug/kg		-	0.013 Jlcn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,5'- (PCB 172)	ug/kg		-	< 0.026 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,6'- (PCB 174)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5',6- (PCB 175)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4',5,6- (PCB 177)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,6,6'- (PCB 176)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,5',6- (PCB 178)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,6,6'- (PCB 179)	ug/kg		-	0.0034 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6- (PCB 181)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6'- (PCB 182)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',6,6'- (PCB 184)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,5',6- (PCB 187)	ug/kg		-	0.0094 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,5,6,6'- (PCB 186)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,6,6'- (PCB 188)	ug/kg		-	< 0.084 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,5'- (PCB 189)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,6- (PCB 190)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5',6- (PCB 191)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,5,5',6- (PCB 192)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,5'- (PCB 130)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6- (PCB 131)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6'- (PCB 132)	ug/kg		-	0.0062 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,5'- (PCB 133)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,6- (PCB 134)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',6,6'- (PCB 136)	ug/kg		-	0.0049 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,4',5- (PCB 137)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,5'- (PCB 141)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',5,5'- (PCB 146)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6- (PCB 142)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6'- (PCB 143)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5',6- (PCB 144)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-04	TS-04	TS-04	TS-04	TS-04	TS-05	TS-05	TS-05	TS-05	TS-05	TS-06	TS-06	TS-06	TS-06	TS-06	TS-07	TS-07
		Field Sample Name	TS-04-0002	TS-04-0102	TS-04-0204	TS-04-0406	TS-04-0608	TS-05-0002	TS-05-0204	TS-05-0406	TS-05-0608	TS-05-0810	DG-10-0002	DG-10-0204	DG-10-0406	DG-10-0608	DG-10-0810	DG-14-0002	DG-14-0204
		CLP Sample Name	TS-04-0002	C0B68	C0B63	C0B64	C0B65	C0B69	C0B67	C0B71	C0B70	C0B42	C0AW1	C0AW3	C0AW4	C0AW5	C0AS8	C0AW9	C0AX0
		Sample Date	11/30/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/13/2023	12/13/2023
		Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Depth Interval	0 - 2 ft	1 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Hexachlorobiphenyl; 2,2',3,4',5,6'- (PCB 148)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,6,6'- (PCB 145)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',6,6'- (PCB 150)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,5,6,6'- (PCB 152)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',5',6- (PCB 154)	ug/kg		-	< 0.071 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',6,6'- (PCB 155)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,4',6- (PCB 158)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,5'- (PCB 159)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5,5'- (PCB 162)	ug/kg		-	0.015 I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,6- (PCB 160)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5',6- (PCB 161)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5',6- (PCB 164)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',5,5',6- (PCB 165)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3',4,4',5,5'- (PCB 167)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 3,3',4,4',5,5'- (PCB 169)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monochlorobiphenyl	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-
Nonachlorobiphenyl	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	< 27 U	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,4',5,5',6- (PCB 206)	ug/kg		-	0.0097 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,4',5,6,6'- (PCB 207)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,5,5',6,6'- (PCB 208)	ug/kg		-	< 0.036 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl (mixed isomers)	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	< 16 U	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,5'- (PCB 194)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6- (PCB 195)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6'- (PCB 196)	ug/kg		-	0.0036 JI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,5',6,6'- (PCB 201)	ug/kg		-	< 0.077 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',5,5',6,6'- (PCB 202)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,5',6- (PCB 203)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,6,6'- (PCB 204)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,3,3',4,4',5,5',6- (PCB 205)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 108,124	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 110,115	ug/kg		-	< 0.029 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 128,166	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 129,138,163	ug/kg		-	0.015 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 135,151	ug/kg		-	0.0083 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 139,140	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 147,149	ug/kg		-	0.016 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 153,168	ug/kg		-	0.016 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 156,157	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 171,173	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 180,193	ug/kg		-	0.01 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 183,185	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 197,200	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 198,199	ug/kg		-	0.0081 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 40,71	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 44,47,65	ug/kg		-	0.017 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 49,69	ug/kg		-	0.011 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 50,53	ug/kg		-	< 0.046 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 59,62,75	ug/kg		-	< 0.041 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 61,70,74,76	ug/kg		-	< 0.055 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 85,116,117	ug/kg		-	< 0.041 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 86,87,97,108,119,125	ug/kg		-	< 0.083 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 90,101,113	ug/kg		-	0.018 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 93,100	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Coelute 98,102	ug/kg		-	< 0.028 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1016 (AROCLOR 1016)	ug/kg		< 56 U	-	< 85 U	< 65 U	< 47 U	< 27 U	< 25 U	< 29 U	< 28 U	< 150 Ucn	< 160 U*+cn	< 33 Ucn	< 28 Ucn	< 30 Ucn	< 170 U	< 26 U	< 22 U
PCB-1221 (AROCLOR 1221)	ug/kg		< 56 U	-	< 85 U	< 65 U	< 47 U	< 27 U	< 25 U	< 29 U	< 28 U	< 150 Ucn	< 160 Ucn	< 33 Ucn	< 28 Ucn	< 30 Ucn	< 170 U	< 26 U	< 22 U
PCB-1232 (AROCLOR 1232)	ug/kg		< 56 U	-	< 85 U	< 65 U	< 47 U	< 27 U	< 25 U	< 29 U	< 28 U	< 150 Ucn	< 160 Ucn	< 33 Ucn	< 28 Ucn	< 30 Ucn	< 170 U	< 26 U	< 22 U
PCB-1242 (AROCLOR 1242)	ug/kg		< 56 U	-	< 85 U	< 65 U	< 47 U	< 27 U	< 25 U	< 29 U	< 28 U	< 150 Ucn	< 160 Ucn	< 33 Ucn	< 28 Ucn	< 30 Ucn	< 170 U	< 26 U	< 22 U

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-04	TS-04	TS-04	TS-04	TS-04	TS-05	TS-05	TS-05	TS-05	TS-05	TS-06	TS-06	TS-06	TS-06	TS-06	TS-07	TS-07
		Field Sample Name	TS-04-0002	TS-04-0102	TS-04-0204	TS-04-0406	TS-04-0608	TS-05-0002	TS-05-0204	TS-05-0406	TS-05-0608	TS-05-0810	DG-10-0002	DG-10-0204	DG-10-0406	DG-10-0608	DG-10-0810	DG-14-0002	DG-14-0204
		CLP Sample Name	TS-04-0002	C0B68	C0B63	C0B64	C0B65	C0B69	C0B67	C0B71	C0B70	C0B42	C0AW1	C0AW3	C0AW4	C0AW5	C0AS8	C0AW9	C0AX0
		Sample Date	11/30/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/13/2023	12/13/2023
		Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Depth Interval	0 - 2 ft	1 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-1248 (AROCLOR 1248)	ug/kg	7000	< 56 U	-	< 85 U	< 65 U	< 47 U	< 27 U	< 25 U	< 29 U	< 28 U	< 150 Ucn	< 160 Ucn	< 33 Ucn	< 28 Ucn	< 30 Ucn	< 170 U	< 26 U	< 22 U
PCB-1254 (AROCLOR 1254)	ug/kg		< 56 U	-	< 85 U	< 65 U	< 47 U	< 27 U	< 25 U	< 29 U	< 28 U	< 150 Ucn	< 160 Ucn	260 cn	140 cn	130 cn	< 170 U	< 26 U	< 22 U
PCB-1260 (AROCLOR 1260)	ug/kg		< 56 U	-	< 85 U	< 65 UF1	< 47 U	150	290 F1	49	< 28 U	< 150 Ucn	< 160 Ucn	< 33 Ucn	< 28 Ucn	< 30 Ucn	< 170 U	< 26 U	110
Pentachlorobiphenyl; 2,2',3,3',4-(PCB 82)	ug/kg		-	< 0.029 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',5-(PCB 83)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',6-(PCB 84)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6-(PCB 88)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6'-(PCB 89)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4',6-(PCB 91)	ug/kg		-	0.0052 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,5'-(PCB 92)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,6'-(PCB 94)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5',6-(PCB 95)	ug/kg		-	0.012 JI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,6,6'-(PCB 96)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,4',5-(PCB 99)	ug/kg		-	0.011 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,5',6-(PCB 103)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,6,6'-(PCB 104)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,4'-(PCB 105)	ug/kg		-	0.064 I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,5-(PCB 106)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4',5-(PCB 107)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,3',4,5-(PCB 122)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,5'-(PCB 111)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,6-(PCB 112)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,4,4',5-(PCB 114)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,4',5-(PCB 118)	ug/kg		-	< 0.033 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,4,4',5-(PCB 123)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5,5'-(PCB 120)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5',6-(PCB 121)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,4',5-(PCB 126)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,5,5'-(PCB 127)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorobiphenyl;2,2',3,4,5(PCB 86)/2,2',3,4,5'(PCB 87)/2,2',3,4',5' (PCB 97)/2,3,3',4,5' (PCB 108)/ 2,3',4,4',6 (PCB 119)/ 2,3',4',5',6-(PCB 125)	ug/kg		-	< 0.083 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	90	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,4-(PCB 41)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,4'-(PCB 42)	ug/kg		-	< 0.029 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,5-(PCB 43)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6-(PCB 45)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6'-(PCB 46)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,5-(PCB 48)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,6'-(PCB 51)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',5,5'-(PCB 52)	ug/kg		-	0.016 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',6,6'-(PCB 54)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4-(PCB 55)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4'-(PCB 56)	ug/kg		-	< 0.053 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',5-(PCB 57)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-04	TS-04	TS-04	TS-04	TS-04	TS-05	TS-05	TS-05	TS-05	TS-05	TS-06	TS-06	TS-06	TS-06	TS-06	TS-07	TS-07
		Field Sample Name	TS-04-0002	TS-04-0102	TS-04-0204	TS-04-0406	TS-04-0608	TS-05-0002	TS-05-0204	TS-05-0406	TS-05-0608	TS-05-0810	DG-10-0002	DG-10-0204	DG-10-0406	DG-10-0608	DG-10-0810	DG-14-0002	DG-14-0204
		CLP Sample Name	TS-04-0002	C0B68	C0B63	C0B64	C0B65	C0B69	C0B67	C0B71	C0B70	C0B42	C0AW1	C0AW3	C0AW4	C0AW5	C0AS8	C0AW9	C0AX0
		Sample Date	11/30/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/13/2023	12/13/2023
		Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Depth Interval	0 - 2 ft	1 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Tetrachlorobiphenyl; 2,3,3',5'- (PCB 58)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4,4'- (PCB 60)	ug/kg		-	< 0.046 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,4'- (PCB 66)	ug/kg		-	< 0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',5- (PCB 63)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5- (PCB 67)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5'- (PCB 68)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',6- (PCB 64)	ug/kg		-	< 0.057 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5,5'- (PCB 72)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5',6- (PCB 73)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,4'- (PCB 77)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5- (PCB 78)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5'- (PCB 79)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',5,5'- (PCB 80)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,4,4',5- (PCB 81)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL HEPTACHLOROBIPHENYLS	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-
TOTAL HEXACHLOROBIPHENYLS	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	2.3 J	-	-	-	-
TOTAL PENTACHLOROBIPHENYLS	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	270	-	-	-	-
Trichlorobiphenyl	ug/kg		-	-	-	-	-	-	-	-	-	-	-	-	190	-	-	-	-
Trichlorobiphenyl; 2,2',3- (PCB 16)	ug/kg		-	0.0093 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',4- (PCB 17)	ug/kg		-	0.0058 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',6- (PCB 19)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,4'- (PCB 22)	ug/kg		-	0.011 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',4- (PCB 25)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,5- (PCB 23)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2',3,5- (PCB 34)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,6- (PCB 24)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',6- (PCB 27)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',5- (PCB 31)	ug/kg		-	0.041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',6- (PCB 32)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',4- (PCB 35)	ug/kg		-	< 0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',5- (PCB 36)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,4'- (PCB 37)	ug/kg		-	0.0090 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,5- (PCB 38)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4',5- (PCB 39)	ug/kg		-	< 0.014 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
N - Routine sample
FD - Field duplicate
ug/kg - micrograms per kilogram
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
U - value was below the method detection limit (non-dete
J - estimated value below the reporting limit but above th

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-07	TS-07	TS-07	TS-08	TS-08	TS-08	TS-08	TS-08
		Field Sample Name	DG-14-0406	DG-14-0608	DG-14-0810	DG-18-0002	DG-18-0204	DG-18-0406	DG-18-0608	DG-18-0810
		CLP Sample Name	C0AX1	C0AX2	C0AZ0	C0B12	C0B16	C0B13	C0B21	C0B17
		Sample Date	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	N	N	N	N	N
		Depth Interval	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result
Chlorobiphenyl; 2- (PCB 1)	ug/kg		-	-	-	-	-	-	-	-
Chlorobiphenyl; 3- (PCB 2)	ug/kg		-	-	-	-	-	-	-	-
Chlorobiphenyl; 4- (PCB 3)	ug/kg		-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,2',5- (PCB 18)/ 2,4,6-(PCB 30)	ug/kg		-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,3'- (PCB 20)/ 2,4,4'-(PCB 28)	ug/kg		-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3,4- (PCB 21)/ 2,3',4'-(PCB 33)	ug/kg		-	-	-	-	-	-	-	-
colute: Trichlorobiphenyls; 2,3',5- (PCB 26)/ 2,4,5-(PCB 29)	ug/kg		-	-	-	-	-	-	-	-
Decachlorobiphenyl (PCB 209)	ug/kg		< 25 U	-	-	-	-	< 47 U	-	-
Dichlorobiphenyl	ug/kg		15	-	-	-	-	1.8 J	-	-
Dichlorobiphenyl, 2,2'- (PCB 4)	ug/kg		-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,3- (PCB 5)	ug/kg		-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,3'- (PCB 6)	ug/kg		-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,4- (PCB 7)	ug/kg		-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,4'- (PCB 8)	ug/kg		-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,5- (PCB 9)	ug/kg		-	-	-	-	-	-	-	-
Dichlorobiphenyl; 2,6- (PCB 10)	ug/kg		-	-	-	-	-	-	-	-
Dichlorobiphenyl; 3,3'- (PCB 11)	ug/kg		-	-	-	-	-	-	-	-
DICHLOROBIPHENYL; 3,4 - (PCB 12)/ 3,4'-(PCB 13)	ug/kg		-	-	-	-	-	-	-	-
Dichlorobiphenyl; 3,5- (PCB 14)	ug/kg		-	-	-	-	-	-	-	-
Dichlorobiphenyl; 4,4'- (PCB 15)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,4',5- (PCB 170)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,5'- (PCB 172)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5,6'- (PCB 174)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,5',6- (PCB 175)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,4',5,6- (PCB 177)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',4,6,6'- (PCB 176)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,5',6- (PCB 178)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,3',5,6,6'- (PCB 179)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6- (PCB 181)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',5,6'- (PCB 182)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,4',6,6'- (PCB 184)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,5',6- (PCB 187)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4,5,6,6'- (PCB 186)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,2',3,4',5,6,6'- (PCB 188)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,5'- (PCB 189)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5,6- (PCB 190)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,4',5',6- (PCB 191)	ug/kg		-	-	-	-	-	-	-	-
Heptachlorobiphenyl; 2,3,3',4,5,5',6- (PCB 192)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,5'- (PCB 130)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6- (PCB 131)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',4,6'- (PCB 132)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,5'- (PCB 133)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',5,6- (PCB 134)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,3',6,6'- (PCB 136)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,4',5- (PCB 137)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,5'- (PCB 141)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',5,5'- (PCB 146)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6- (PCB 142)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5,6'- (PCB 143)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,5',6- (PCB 144)	ug/kg		-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-07	TS-07	TS-07	TS-08	TS-08	TS-08	TS-08	TS-08
		Field Sample Name	DG-14-0406	DG-14-0608	DG-14-0810	DG-18-0002	DG-18-0204	DG-18-0406	DG-18-0608	DG-18-0810
		CLP Sample Name	C0AX1	C0AX2	C0AZ0	C0B12	C0B16	C0B13	C0B21	C0B17
		Sample Date	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	N	N	N	N	N
		Depth Interval	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result
Hexachlorobiphenyl; 2,2',3,4',5,6'- (PCB 148)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4,6,6'- (PCB 145)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,4',6,6'- (PCB 150)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',3,5,6,6'- (PCB 152)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',5',6- (PCB 154)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,2',4,4',6,6'- (PCB 155)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,4',6- (PCB 158)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,5'- (PCB 159)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5,5'- (PCB 162)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5,6- (PCB 160)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4,5',6- (PCB 161)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',4',5',6- (PCB 164)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3,3',5,5',6- (PCB 165)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 2,3',4,4',5,5'- (PCB 167)	ug/kg		-	-	-	-	-	-	-	-
Hexachlorobiphenyl; 3,3',4,4',5,5'- (PCB 169)	ug/kg		-	-	-	-	-	-	-	-
Monochlorobiphenyl	ug/kg		10	-	-	-	-	< 9.4 U	-	-
Nonachlorobiphenyl	ug/kg		5.6 J	-	-	-	-	< 47 U	-	-
Nonachlorobiphenyl; 2,2',3,3',4,4',5,5',6- (PCB 206)	ug/kg		-	-	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,4',5,6,6'- (PCB 207)	ug/kg		-	-	-	-	-	-	-	-
Nonachlorobiphenyl; 2,2',3,3',4,5,5',6,6'- (PCB 208)	ug/kg		-	-	-	-	-	-	-	-
Octachlorobiphenyl (mixed isomers)	ug/kg		46	-	-	-	-	17 J	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,5'- (PCB 194)	ug/kg		-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6- (PCB 195)	ug/kg		-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,4',5,6'- (PCB 196)	ug/kg		-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',4,5',6,6'- (PCB 201)	ug/kg		-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,3',5,5',6,6'- (PCB 202)	ug/kg		-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,5',6- (PCB 203)	ug/kg		-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,2',3,4,4',5,6,6'- (PCB 204)	ug/kg		-	-	-	-	-	-	-	-
Octachlorobiphenyl; 2,3,3',4,4',5,5',6- (PCB 205)	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 108,124	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 110,115	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 128,166	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 129,138,163	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 135,151	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 139,140	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 147,149	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 153,168	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 156,157	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 171,173	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 180,193	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 183,185	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 197,200	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 198,199	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 40,71	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 44,47,65	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 49,69	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 50,53	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 59,62,75	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 61,70,74,76	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 85,116,117	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 86,87,97,108,119,125	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 90,101,113	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 93,100	ug/kg		-	-	-	-	-	-	-	-
PCB Coelute 98,102	ug/kg		-	-	-	-	-	-	-	-
PCB-1016 (AROCLOR 1016)	ug/kg		< 26 U	< 23 U	< 30 U	< 26 Ucn	< 23 Ucn	< 24 UF2F1	< 23 U	< 29 Ucn
PCB-1221 (AROCLOR 1221)	ug/kg		< 26 U	< 23 U	< 30 U	< 26 Ucn	< 23 Ucn	< 24 U	< 23 U	< 29 Ucn
PCB-1232 (AROCLOR 1232)	ug/kg		< 26 U	< 23 U	< 30 U	< 26 Ucn	< 23 Ucn	< 24 U	< 23 U	< 29 Ucn
PCB-1242 (AROCLOR 1242)	ug/kg		< 26 U	< 23 U	< 30 U	< 26 Ucn	< 23 Ucn	< 24 U	< 23 U	< 29 Ucn

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-07	TS-07	TS-07	TS-08	TS-08	TS-08	TS-08	TS-08
		Field Sample Name	DG-14-0406	DG-14-0608	DG-14-0810	DG-18-0002	DG-18-0204	DG-18-0406	DG-18-0608	DG-18-0810
		CLP Sample Name	C0AX1	C0AX2	C0AZ0	C0B12	C0B16	C0B13	C0B21	C0B17
		Sample Date	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	N	N	N	N	N
		Depth Interval	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result
PCB-1248 (AROCLOR 1248)	ug/kg	7000	< 26 U	< 23 U	< 30 U	< 26 Ucn	< 23 Ucn	< 24 U	< 23 U	< 29 Ucn
PCB-1254 (AROCLOR 1254)	ug/kg		< 26 U	< 23 U	< 30 U	22 Jpcn	22 Jpcn	19 Jp	< 23 U	< 29 Ucn
PCB-1260 (AROCLOR 1260)	ug/kg		330	< 23 U	< 30 U	98 cn	110 cn	31 F2F1p	< 23 U	< 29 Ucn
Pentachlorobiphenyl; 2,2',3,3',4-(PCB 82)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',5-(PCB 83)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,3',6-(PCB 84)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6-(PCB 88)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4,6'-(PCB 89)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,4',6-(PCB 91)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,5'-(PCB 92)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5,6'-(PCB 94)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,5',6-(PCB 95)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',3,6,6'-(PCB 96)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,4',5-(PCB 99)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,5',6-(PCB 103)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,2',4,6,6'-(PCB 104)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,4'-(PCB 105)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4,5-(PCB 106)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',4',5-(PCB 107)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,3',4,5-(PCB 122)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,5'-(PCB 111)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,3',5,6-(PCB 112)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3,4,4',5-(PCB 114)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,4',5-(PCB 118)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2',3,4,4',5-(PCB 123)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5,5'-(PCB 120)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 2,3',4,5',6-(PCB 121)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,4',5-(PCB 126)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl; 3,3',4,5,5'-(PCB 127)	ug/kg		-	-	-	-	-	-	-	-
Pentachlorobiphenyl;2,2',3,4,5(PCB 86)/2,2',3,4,5'(PCB 87)/2,2',3,4',5' (PCB 97)/2,3,3',4,5' (PCB 108)/ 2,3',4,4',6 (PCB 119)/ 2,3',4',5',6-(PCB 125)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl	ug/kg		14	-	-	-	-	< 19 U	-	-
Tetrachlorobiphenyl; 2,2',3,4-(PCB 41)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,4'-(PCB 42)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,5-(PCB 43)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6-(PCB 45)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',3,6'-(PCB 46)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,5-(PCB 48)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',4,6'-(PCB 51)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',5,5'-(PCB 52)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,2',6,6'-(PCB 54)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4-(PCB 55)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',4'-(PCB 56)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,3',5-(PCB 57)	ug/kg		-	-	-	-	-	-	-	-

Attachment C - Data Gap Investigation Analytical Summary
PCB Homolog and Aroclors
Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-07	TS-07	TS-07	TS-08	TS-08	TS-08	TS-08	TS-08
		Field Sample Name	DG-14-0406	DG-14-0608	DG-14-0810	DG-18-0002	DG-18-0204	DG-18-0406	DG-18-0608	DG-18-0810
		CLP Sample Name	C0AX1	C0AX2	C0AZ0	C0B12	C0B16	C0B13	C0B21	C0B17
		Sample Date	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	N	N	N	N	N
		Depth Interval	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result
Tetrachlorobiphenyl; 2,3,3',5'- (PCB 58)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4,4'- (PCB 60)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,4'- (PCB 66)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',5- (PCB 63)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5- (PCB 67)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',4,5'- (PCB 68)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3,4',6- (PCB 64)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5,5'- (PCB 72)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 2,3',5',6- (PCB 73)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,4'- (PCB 77)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5- (PCB 78)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',4,5'- (PCB 79)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,3',5,5'- (PCB 80)	ug/kg		-	-	-	-	-	-	-	-
Tetrachlorobiphenyl; 3,4,4',5- (PCB 81)	ug/kg		-	-	-	-	-	-	-	-
TOTAL HEPTACHLOROBIPHENYLS	ug/kg		100	-	-	-	-	66	-	-
TOTAL HEXACHLOROBIPHENYLS	ug/kg		91	-	-	-	-	82	-	-
TOTAL PENTACHLOROBIPHENYLS	ug/kg		100	-	-	-	-	41	-	-
Trichlorobiphenyl	ug/kg		160	-	-	-	-	5.9 J	-	-
Trichlorobiphenyl; 2,2',3- (PCB 16)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',4- (PCB 17)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,2',6- (PCB 19)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,4'- (PCB 22)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',4- (PCB 25)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,5- (PCB 23)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2',3,5- (PCB 34)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3,6- (PCB 24)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,3',6- (PCB 27)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',5- (PCB 31)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 2,4',6- (PCB 32)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',4- (PCB 35)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,3',5- (PCB 36)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,4'- (PCB 37)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4,5- (PCB 38)	ug/kg		-	-	-	-	-	-	-	-
Trichlorobiphenyl; 3,4',5- (PCB 39)	ug/kg		-	-	-	-	-	-	-	-

Notes:
N - Routine sample
FD - Field duplicate
ug/kg - micrograms per kilogram
< - Detection is at or below the Method Detection Limt
cn - Refers to the laboratory case narrative.
U - value was below the method detection limit (non-dete
J - estimated value below the reporting limit but above th

Metals Data

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-01	DG-01	DG-02	DG-02	DG-02	DG-03	DG-03	DG-04	DG-04
		Field Sample Name	DG-01-0001	DG-01-0102	DG-02-0001	DG-02-0102	DG-02-0102-D	DG-03-0001	DG-03-0102	DG-04-0001	DG-04-0102
		CLP Sample Name	C0AQ0	C0AQ1	C0AQ2	C0AQ3	C0AQ4	C0AQ5	C0AQ6	C0AQ7	C0AQ8
		Sample Date	12/14/2023	12/14/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	11/28/2023	12/14/2023	12/14/2023
		Sample Type	N	N	N	N	FD	N	N	N	N
		Depth Interval	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		17000000	8400000	23000000 *	29000000 *	24000000 *	5900000 *	6700000 *	16000000 D	8200000
Antimony	ug/kg		460 J *	< 940 U *	1000 J *	200 J *	160 J *	< 2400 U *	140 J *	210 J *	< 900 U *
Arsenic	ug/kg		16000	3000	24000	14000	11000	7600	4700	14000	4600
Barium	ug/kg		130000	140000	120000	150000	140000	55000	67000	220000	130000
Beryllium	ug/kg		1700	1400	2600	1200	1700	1800	1100	6000	1700
Cadmium	ug/kg		< 1300 J	< 470 J	860 J	120 J	130 J	500 J	200 J	1800	< 450 J
Calcium	ug/kg		2100000	6500000	2400000	1600000	1400000	800000 J	750000	6100000 D	8400000
Chromium, Hexavale	ug/kg	4000	-	-	-	-	-	-	-	-	-
Chromium, Total	ug/kg	4000	46000	7600	96000	36000	33000	17000	15000	31000	10000
Cobalt	ug/kg		12000	4600	21000	11000	10000	10000	5400	27000	7900
Copper	ug/kg	69000	34000	9500	57000	18000	15000	11000	8000	29000	11000
Iron	ug/kg		27000000 *	10000000 *	31000000 *	26000000 *	21000000 *	5600000 *	4200000 *	17000000 D *	7400000 *
Lead	ug/kg	68000	51000	4900	58000 *	27000 *	26000 *	19000 *	13000 *	33000	8600
Magnesium	ug/kg		3000000	1100000	4800000 *	4600000 *	3900000 *	750000 J *	880000 *	2500000 D	1500000
Manganese	ug/kg		170000 *	170000 *	280000 *	190000 *	190000 *	81000 *	39000 *	830000 *	980000 *
Mercury	ug/kg	400	1400	100	1100	120 J	91 J	480	170	230	100
Nickel	ug/kg	33000	32000	9700	46000	22000	21000	14000	8800	39000	12000
Potassium	ug/kg		1400000	460000 J	1900000	1400000	1100000	390000 J	430000 J	660000	460000 J
Selenium	ug/kg		930 J	820 J	2700 J	430 J	440 J	7200	2300 J	2000 J	870 J
Silver	ug/kg		< 1300 U	< 470 U	< 1400 U	< 720 U	< 650 U	< 1200 U	< 630 U	120 J	< 450 U
Sodium	ug/kg		190000 J	390000 J	520000 J	420000 J	350000 J	160000 J	94000 J	380000 J	720000
Thallium	ug/kg		< 1300 J *	< 470 U *	< 1400 J *	< 640 J *	< 670 J *	< 1300 U *	< 780 U *	< 490 J *	< 450 J *
Vanadium	ug/kg	310000	88000	15000	150000	47000	48000	29000	19000	91000	27000
Zinc	ug/kg	240000	210000	26000	200000 *	130000 *	95000 *	52000 *	40000 *	280000	63000

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Detection Limt

cn - Refers to the laboratory case narrative.

U - value was below the method detection limit (non-detect)

J - estimated value below the reporting limit but above the method detection limit

* - LCS and/or LCSD is outside acceptance limits, low biased, refer to case narrative.

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-05	DG-05	DG-06	DG-06	DG-07	DG-07	DG-07	DG-08	DG-11
		Field Sample Name	DG-05-0001	DG-05-0102	DG-06-0001	DG-06-0102	DG-07-0001	DG-07-0102	DG-07-0102-D	DG-08-0001	DG-11-0001
		CLP Sample Name	C0AR6	C0AS7	C0AQ9	C0AR0	C0AR1	C0AR2	C0AR3	C0AR4	C0AT3
		Sample Date	11/28/2023	11/28/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/1/2023	12/15/2023
		Sample Type	N	N	N	N	N	N	FD	N	N
		Depth Interval	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	0 - 1 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		25000000 *	27000000 *	26000000	15000000	27000000	25000000	26000000	3600000 *	15000000
Antimony	ug/kg		2200 J *	1100 J *	< 2100 U *	< 970 U *	1100 J *	400 J *	430 J *	< 1000 U *	580 J *
Arsenic	ug/kg		41000	23000	9300	11000	32000	19000	22000	620	9000
Barium	ug/kg		170000	130000	220000	170000	140000	120000	150000	21000	130000
Beryllium	ug/kg		1700	990	1900	1600	1500	1400	1700	610	1500
Cadmium	ug/kg		700 J	< 840 U	< 1000 J	< 490 J	< 850 J	< 820 J	< 630 J	260 J	410 J
Calcium	ug/kg		1500000	1100000	2400000	4400000	1800000	1200000	1200000	150000 J	650000
Chromium, Hexavale	ug/kg	4000	-	-	-	-	< 8600 U	< 3800 U	< 3700 U	-	< 3200 Ucn
Chromium, Total	ug/kg	4000	65000	89000	30000	12000	110000 130000	58000 74000	65000 78000	4800	31000 37000
Cobalt	ug/kg		11000	8800	11000	7400	14000	13000	15000	2900	9100
Copper	ug/kg	69000	48000	44000	10000	10000	63000	26000	30000	3400	27000
Iron	ug/kg		28000000 *	29000000 *	28000000 *	19000000 *	35000000 *	29000000 *	30000000 *	2000000 *	23000000
Lead	ug/kg	68000	110000 *	88000 *	14000	6300	110000	41000	48000	4800 *	29000 *
Magnesium	ug/kg		4400000 *	5600000 *	5200000	1900000	5900000	4100000	4200000	290000 J *	1600000
Manganese	ug/kg		140000 *	130000 *	240000 *	290000 *	280000 *	340000 *	430000 *	42000 *	240000 *
Mercury	ug/kg	400	1100	450	190	120	640	180	210	56 J	490
Nickel	ug/kg	33000	24000	18000	26000	13000	30000	22000	26000	6000	46000
Potassium	ug/kg		2000000	2200000	1700000	770000	2500000	1600000	1700000	140000 J	670000
Selenium	ug/kg		2200 J	1200 J	490 J	950 J	1100 J	490 J	570 J	460 J	920 J
Silver	ug/kg		400 J	300 J	< 1000 U	< 490 U	240 J	< 820 U	130 J	< 510 U	< 730 U
Sodium	ug/kg		310000 J	250000 J	430000 J	680000	400000 J	310000 J	310000 J	< 510000 U	79000 J
Thallium	ug/kg		< 1300 J *	< 820 J *	< 1000 J *	< 490 J *	< 850 J *	< 820 J *	< 630 J *	< 510 U *	< 730 J *
Vanadium	ug/kg	310000	130000	51000	47000	30000	55000	43000	48000	10000	330000
Zinc	ug/kg	240000	220000 *	96000 *	130000	35000	320000	180000	250000	19000 *	110000

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

* - LCS and/or LCSD is outside acceptance

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-11	DG-12	DG-12	DG-13	DG-14	DG-14	DG-16	DG-16	DG-16
		Field Sample Name	DG-11-0102	DG-12-0001	DG-12-0102	DG-13-0001	DG-14-0001	DG-14-0102	DG-16-0001	DG-16-0102	DG-16-0203
		CLP Sample Name	C0AT4	C0AT5	C0AT6	C0AY8	MC0AW8	C0AZ8	MC0AZ7	DG-16-0102	MC0AZ9
		Sample Date	12/15/2023	12/4/2023	12/4/2023	12/1/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023
		Sample Type	N	N	N	N	N	N	N	N	N
		Depth Interval	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	2 - 3 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		23000000	23000000 *	24000000 *	23000000 *	-	-	8200000 *	7900000 *	6700000 *
Antimony	ug/kg		350 J *	1000 J *	350 J *	1100 J *	-	-	180 J *	< 930 U *	130 J *
Arsenic	ug/kg		9300	30000	15000	33000	-	-	2800	2300 D	2300
Barium	ug/kg		140000	170000	180000	150000	-	-	21000	18000	26000
Beryllium	ug/kg		1400	1700	1800	1800	-	-	< 460 J	< 470 J	< 460 J
Cadmium	ug/kg		290 J	550 J	280 J	780 J	-	-	< 460 U	< 470 U	< 460 U
Calcium	ug/kg		750000 J	1400000 *	1200000 *	1400000	-	-	700000	710000	500000
Chromium, Hexavale	ug/kg	4000	< 3600 Ucn	-	-	-	< 11000 U	< 520 UF1	-	-	-
Chromium, Total	ug/kg	4000	27000 35000	89000 *	69000 *	93000	19000	14000	110000 D	55000 D	25000
Cobalt	ug/kg		9100	17000	15000	15000	-	-	1400	< 930 J D	1500
Copper	ug/kg	69000	17000	56000 *	33000 *	54000	-	-	15000	9200	16000
Iron	ug/kg		19000000	31000000 *	25000000 *	30000000 *	-	-	8500000 *	12000000 *	8800000 *
Lead	ug/kg	68000	28000 *	85000 *	45000 *	91000 *	-	-	6100	4200	6900
Magnesium	ug/kg		2600000	4600000 *	4000000 *	5100000 *	-	-	680000 *	420000 J *	490000 *
Manganese	ug/kg		230000 *	370000	390000	260000 *	-	-	29000 *	17000 * D	49000 *
Mercury	ug/kg	400	130 J	1300	240	750	-	-	89 J	26 J	49 J
Nickel	ug/kg	33000	21000	40000 *	29000 *	33000	-	-	4800	4100 D	5000
Potassium	ug/kg		990000	2100000	1700000	2000000	-	-	510000 J	540000	420000
Selenium	ug/kg		610 J	1500 J	680 J	1200 J	-	-	< 2300 U	< 4700 U D	< 2300 U
Silver	ug/kg		< 570 U	280 J	160 J	280 J	-	-	< 460 U	< 470 U	< 460 U
Sodium	ug/kg		110000 J	260000 J	220000 J	260000 J	-	-	< 550000 U	< 490000 U	< 380000 U
Thallium	ug/kg		< 570 J *	< 830 J	< 870 J	< 870 J *	-	-	< 460 U *	< 470 U *	< 460 J *
Vanadium	ug/kg	310000	65000	110000	52000	91000	-	-	46000	42000 D	22000
Zinc	ug/kg	240000	87000	250000 *	160000 *	440000 *	-	-	14000 *	7900 * D	20000 *

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

* - LCS and/or LCSD is outside acceptance

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-16	DG-16	DG-16	DG-16	DG-17	DG-17	DG-17	DG-17	DG-17
		Field Sample Name	DG-16-0304	DG-16-0405	DG-16-0506	DG-16-0607	DG-17-0001	DG-17-0102	DG-17-0203	DG-17-0304	DG-17-0405
		CLP Sample Name	C0B02	MC0B14	C0B03	MC0B04	MC0B15	C0B05	MC0B06	C0B07	MC0B08
		Sample Date	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023
		Sample Type	N	N	N	N	N	N	N	N	N
		Depth Interval	3 - 4 ft	4 - 5 ft	5 - 6 ft	6 - 7 ft	0 - 1 ft	1 - 2 ft	2 - 3 ft	3 - 4 ft	4 - 5 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		25000000 *	16000000 *	22000000 *	23000000 *	11000000 *	12000000 *	10000000 *	11000000 *	20000000 *
Antimony	ug/kg		< 1100 U *	< 1000 U *	100 J *	100 J *	310 J *	240 J *	400 J *	< 810 U *	< 940 U *
Arsenic	ug/kg		2300	1000	1600	2000	3700	2500	3600	1400	1600
Barium	ug/kg		27000	49000	46000	51000	33000	32000	33000	40000	38000
Beryllium	ug/kg		< 530 J	< 520 J	< 460 J	550	< 590 J	< 440 J	< 610 J	< 410 J	< 470 J
Cadmium	ug/kg		< 530 U	< 520 U	< 460 U	< 390 U	< 590 U	< 440 U	< 610 U	< 410 U	< 470 U
Calcium	ug/kg		< 530000 U	< 450000 U	< 520000 U	< 500000 U	100000 J	77000 J	160000 J	< 420000 U	< 480000 U
Chromium, Hexavale	ug/kg	4000	-	-	-	-	-	-	-	-	-
Chromium, Total	ug/kg	4000	12000	7100	9700	12000	11000	9800	11000	10000	15000
Cobalt	ug/kg		1600	1700	3300	8500	1800	1500	1600	1700	2100
Copper	ug/kg	69000	6000	3500	4300	3500	5300	3900	5100	3100	5400
Iron	ug/kg		15000000 *	7800000 *	14000000 *	18000000 *	12000000 *	9300000 *	9900000 *	12000000 *	11000000 *
Lead	ug/kg	68000	6900	4800	5100	6600	27000	18000	29000	4100	6000
Magnesium	ug/kg		280000 J *	120000 J *	170000 J *	160000 J *	740000 *	550000 *	560000 J *	270000 J *	390000 J *
Manganese	ug/kg		27000 *	16000 *	250000 *	600000 *	26000 *	22000 *	26000 *	18000 *	21000 *
Mercury	ug/kg	400	< 110 U	< 94 U	< 94 U	17 J	150	110	220	< 97 U	< 110 U
Nickel	ug/kg	33000	4800	3900	3900	5400	5900	6900	6500	5400	5800
Potassium	ug/kg		300000 J	160000 J	250000 J	240000 J	410000 J	300000 J	330000 J	230000 J	380000 J
Selenium	ug/kg		< 2600 U	< 2600 U	< 2300 U	< 1900 U	420 J	320 J	430 J	< 2000 U	< 2400 U
Silver	ug/kg		< 530 U	< 520 U	< 460 U	< 390 U	< 590 U	< 440 U	< 610 U	< 410 U	< 470 U
Sodium	ug/kg		< 530000 U	< 450000 U	< 520000 U	< 500000 U	< 620000 U	< 500000 U	< 600000 U	< 420000 U	< 480000 U
Thallium	ug/kg		< 530 U *	< 520 U *	< 460 U *	< 390 J *	< 590 J *	< 440 J *	< 610 J *	< 410 J *	< 470 U *
Vanadium	ug/kg	310000	19000	12000	21000	20000	40000	30000	39000	14000	19000
Zinc	ug/kg	240000	8200 *	5300 *	7600 *	9400 *	15000 *	12000 *	15000 *	10000 *	8300 *

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

* - LCS and/or LCSD is outside acceptance

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-17	DG-17	DG-17	DG-19	DG-19	DG-19	DG-19	DG-19	DG-19
		Field Sample Name	DG-17-0506	DG-17-0607	DG-17-0506-D	DG-19-0001	DG-19-0102	DG-19-0203	DG-19-0304	DG-19-0405	DG-19-0506
		CLP Sample Name	C0B09	MC0B11	C0B10	MC0B25	C0B25	MC0B36	C0B26	MC0B27	C0B28
		Sample Date	12/13/2023	12/13/2023	12/13/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023	12/14/2023
		Sample Type	N	N	FD	N	N	N	N	N	N
		Depth Interval	5 - 6 ft	6 - 7 ft	5 - 6 ft	0 - 1 ft	1 - 2 ft	2 - 3 ft	3 - 4 ft	4 - 5 ft	5 - 6 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		24000000 *	16000000 *	26000000 *	13000000	8600000	16000000	18000000	14000000	11000000
Antimony	ug/kg		180 J *	84 J *	120 J *	260 J * 130 J *	-	< 1100 U *	120 J *	150 J *	120 J *
Arsenic	ug/kg		2400	1500	2200	4400	2200	4300	4000	4600	3000
Barium	ug/kg		54000	27000	54000	49000	30000	37000	33000	33000	27000
Beryllium	ug/kg		< 520 J	< 370 J	< 450 J	< 490 J	< 540 J	590	620	610	< 500 J
Cadmium	ug/kg		< 520 U	< 370 U	< 450 U	< 490 J	< 540 U	< 550 U	< 480 U	< 550 U	< 500 U
Calcium	ug/kg		< 480000 U	< 520000 U	< 550000 U	160000 J	99000 J	41000 J	54000 J	56000 J	67000 J
Chromium, Hexavale	ug/kg	4000	-	-	-	-	-	-	-	-	-
Chromium, Total	ug/kg	4000	10000	7700	10000	16000	9800	18000	16000	17000	11000
Cobalt	ug/kg		28000	7100	20000	5800	2100	3800	3700	3900	3100
Copper	ug/kg	69000	7500	3300	6900	10000	4200	8100	7900	8900	6000
Iron	ug/kg		12000000 *	15000000 *	11000000 *	17000000 *	11000000	23000000	23000000	22000000	16000000
Lead	ug/kg	68000	16000	5700	13000	22000	7200 *	8100 *	8300 *	9400 *	6600 *
Magnesium	ug/kg		330000 J *	240000 J *	390000 J *	1300000	750000	1300000	1400000	1200000	800000
Manganese	ug/kg		1800000 *	150000 *	1500000 *	290000 *	61000 *	80000 *	90000 *	110000 *	100000 *
Mercury	ug/kg	400	36 J	< 110 U	41 J	210	35 J	21 J	110	38 J	31 J
Nickel	ug/kg	33000	5400	2800	4800	11000	6600	7500	8600	9500	6100
Potassium	ug/kg		420000 J	250000 J	440000 J	560000	300000 J	600000	790000	620000	420000
Selenium	ug/kg		< 2600 U	< 1900 U	< 2200 U	< 2400 U	< 2700 U	230 J	180 J	< 2800 U	< 2500 U
Silver	ug/kg		< 520 U	< 370 U	< 450 U	< 490 U	< 540 U	< 550 U	< 480 U	< 550 U	< 500 U
Sodium	ug/kg		< 480000 U	< 520000 U	< 550000 U	< 560000 U	< 540000 U	< 530000 U	< 570000 U	< 460000 U	< 390000 U
Thallium	ug/kg		620 *	< 370 U *	< 450 J *	< 490 J *	< 540 J *	< 550 J *	< 480 J *	< 550 J *	< 500 J *
Vanadium	ug/kg	310000	20000	13000	20000	38000	16000	28000	26000	27000	19000
Zinc	ug/kg	240000	7000 *	5100 *	6000 *	32000	17000	26000	25000	26000	18000

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

* - LCS and/or LCSD is outside acceptance

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	DG-19	DG-20	DG-20	DG-20	DG-20	DG-20	DG-20	DG-20	TS-01
		Field Sample Name	DG-19-0607	DG-20-0001	DG-20-0102	DG-20-0203	DG-20-0304	DG-20-0405	DG-20-0506	DG-20-0607	TS-01-0002
		CLP Sample Name	MC0B29	MC0B30	C0B31	MC0B32	C0B33	MC0B34	C0B37	MC0B43	C0B40
		Sample Date	12/14/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/8/2023
		Sample Type	N	N	N	N	N	N	N	N	N
		Depth Interval	6 - 7 ft	0 - 1 ft	1 - 2 ft	2 - 3 ft	3 - 4 ft	4 - 5 ft	5 - 6 ft	6 - 7 ft	0 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		8300000	15000000 *	14000000 *	19000000	18000000	37000000 D	21000000	26000000	21000000 D *
Antimony	ug/kg		< 1100 U *	150 J *	120 J *	140 J *	110 J *	< 1000 U *	120 J *	< 1000 U *	< 910 J *
Arsenic	ug/kg		1300	3200	3000	3500	3100	1300	3000	790	20000 *
Barium	ug/kg		18000	39000	35000	54000	44000	63000	40000	43000	240000
Beryllium	ug/kg		< 530 J	< 520 J	550	< 510 J	< 420 J	690	< 390 J	670	3300 *
Cadmium	ug/kg		< 530 U	< 520 U	< 540 U	64 J	< 420 U	77 J	49 J	< 520 U	970
Calcium	ug/kg		< 570000 U	950000	380000 J	310000 J	220000 J	180000 J	130000 J	94000 J	1500000 D
Chromium, Hexavale	ug/kg	4000	-	-	-	-	-	-	-	-	-
Chromium, Total	ug/kg	4000	5200	15000	24000	15000	14000	34000 D	19000	26000 D	64000 *
Cobalt	ug/kg		4400	4400	6600	8200	9100	7600	17000	3400	21000
Copper	ug/kg	69000	2700	7500	7400	9900	7000	3200	8100	1900	19000 *
Iron	ug/kg		8500000	19000000 *	15000000 *	21000000 *	17000000 *	51000000 D *	27000000 *	39000000 D *	24000000 D *
Lead	ug/kg	68000	8100 *	11000	9500	11000	8700	11000	7000	8200	69000 *
Magnesium	ug/kg		270000 J	1100000 *	740000 *	720000	590000	710000	510000 J	640000	3600000 D
Manganese	ug/kg		240000 *	160000 *	290000 *	550000 *	440000 *	160000 *	410000 *	36000 *	860000 *
Mercury	ug/kg	400	< 110 U	40 J	35 J	35 J	31 J	< 100 U	24 J	< 110 U	1100
Nickel	ug/kg	33000	5300	6900	6900	8600	7600	3000	6600	2700	44000
Potassium	ug/kg		200000 J	610000	440000 J	550000	420000 J	700000	480000 J	530000	1400000 D
Selenium	ug/kg		< 2600 U	< 2600 U	< 2700 U	< 2500 U	< 2100 U	< 2600 U	< 2000 U	< 2600 U	1200 J
Silver	ug/kg		< 530 U	< 520 U	< 540 U	< 510 U	< 420 U	< 520 U	< 390 U	< 520 U	230 J *
Sodium	ug/kg		< 570000 U	< 550000 U	< 500000 U	< 540000 U	< 470000 U	< 600000 U	< 530000 U	< 480000 U	430000 J D
Thallium	ug/kg		< 530 U *	< 520 J *	< 540 J *	< 510 J *	< 420 J *	< 520 U *	< 390 J *	< 520 U *	< 450 J *
Vanadium	ug/kg	310000	11000	23000	26000	27000	23000	11000	24000	7500	180000
Zinc	ug/kg	240000	11000	22000 *	21000 *	27000	17000	4700	13000	4900	260000 *

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

* - LCS and/or LCSD is outside acceptance

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-01	TS-01	TS-01	TS-01	TS-02	TS-02	TS-02	TS-02	TS-03
		Field Sample Name	TS-01-0204	TS-01-0406	TS-01-0810	TS-01-0204-D	TS-02-0002	TS-02-0406	TS-02-0608	TS-02-0810	TS-03-0002
		CLP Sample Name	C0B41	C0B48	C0B50	C0B47	C0B51	C0B52	C0B538	C0B54	C0B56
		Sample Date	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/6/2023	12/6/2023	12/6/2023	12/6/2023	12/5/2023
		Sample Type	N	N	N	FD	N	N	N	N	N
		Depth Interval	2 - 4 ft	4 - 6 ft	8 - 10 ft	2 - 4 ft	0 - 2 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		31000000 D *	21000000 *	18000000 D *	20000000 *	20000000 *	23000000 * D	11000000 *	6800000 *	23000000 *
Antimony	ug/kg		< 910 J *	140 J *	300 J *	390 J *	430 J *	750 J *	< 4400 U *	< 6700 U *	650 J *
Arsenic	ug/kg		23000 *	9700 *	13000 *	13000 *	13000	21000	11000	3300 J	19000
Barium	ug/kg		230000	150000	200000	110000	250000	310000	220000	320000	170000
Beryllium	ug/kg		2600 *	1500 *	2400 *	1400 *	2600	5000	2200	< 3400 J	1700
Cadmium	ug/kg		1100	130 J	500	300 J	320 J	1200	< 2200 U	< 3400 U	610 J
Calcium	ug/kg		2200000 D	1300000	2400000 D	1500000	1100000 *	1300000 J * D	2400000 *	3500000 *	1600000 *
Chromium, Hexavale	ug/kg	4000	-	-	-	-	-	-	-	-	-
Chromium, Total	ug/kg	4000	86000 *	41000 *	45000 *	58000 *	56000 *	67000 *	31000 *	12000 *	61000 *
Cobalt	ug/kg		19000	11000	12000	9700	19000	27000	8300	5900	14000
Copper	ug/kg	69000	27000 *	16000 *	24000 *	28000 *	28000 *	44000 *	15000 *	16000 *	36000 *
Iron	ug/kg		34000000 D *	24000000 *	21000000 D *	25000000 *	20000000 *	21000000 * D	12000000 *	6400000 *	28000000 *
Lead	ug/kg	68000	91000 *	25000 *	37000 *	47000 *	44000 *	63000 *	10000 *	4700 *	49000 *
Magnesium	ug/kg		5800000 D	3800000	3400000 D	4100000	3200000 *	3900000 * D	1700000 *	1600000 *	3800000 *
Manganese	ug/kg		680000 *	460000 *	410000 *	310000 *	400000	340000	400000	230000	430000
Mercury	ug/kg	400	960	89 J	520	490	440	1200	< 560 U	26 J	830
Nickel	ug/kg	33000	40000	23000	25000	20000	31000 *	41000 *	21000 *	12000 *	33000 *
Potassium	ug/kg		2100000 D	1200000	1100000 D	1600000	1400000	1700000 D	540000	280000 J	1700000
Selenium	ug/kg		890 J	430 J	940 J	620 J	800 J	1000 J	1200 J	1400 J	920 J
Silver	ug/kg		270 J *	< 590 U *	140 J *	< 1000 U *	< 840 U	220 J	< 2200 U	< 3400 U	< 1200 U
Sodium	ug/kg		720000 J D	350000 J	650000 J D	470000 J	230000 J	280000 J D	510000	730000	280000 J
Thallium	ug/kg		< 460 J *	< 590 J *	< 480 J *	< 1000 J *	< 840 J	< 870 J	< 2200 J	< 3400 U	< 1200 J
Vanadium	ug/kg	310000	110000	46000	96000	46000	100000	170000	32000	24000	84000
Zinc	ug/kg	240000	330000 *	94000 *	160000 *	140000 *	140000 *	260000 *	39000 *	20000 *	200000 *

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

* - LCS and/or LCSD is outside acceptance

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-03	TS-03	TS-03	TS-03	TS-04	TS-04	TS-04	TS-04	TS-04
		Field Sample Name	TS-03-0204	TS-03-0406	TS-03-0608	TS-03-0406-D	TS-04-0001	TS-04-0102	TS-04-0204	TS-04-0406	TS-04-0608
		CLP Sample Name	C0B59	C0B57	C0B58	C0B60	C0B62	C0B68	C0B63	C0B64	C0B65
		Sample Date	12/5/2023	12/5/2023	12/5/2023	12/5/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023	11/30/2023
		Sample Type	N	N	N	FD	N	N	N	N	N
		Depth Interval	2 - 4 ft	4 - 6 ft	6 - 8 ft	4 - 6 ft	0 - 1 ft	1 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		6100000 *	31000000 *	21000000 *	22000000 *	8600000 *	11000000 *	13000000 *	6900000 *	4600000 *
Antimony	ug/kg		< 6400 U *	890 J *	220 J *	670 J *	250 J *	< 1300 U *	< 2800 U *	< 1700 U *	< 1300 U *
Arsenic	ug/kg		4000	33000	17000	20000	3500	3500	2500	830 J	390 J
Barium	ug/kg		250000	210000	170000	140000	36000	72000	100000	48000	21000
Beryllium	ug/kg		< 3200 J	2500	2000	1600	< 490 J	790	< 1400 J	< 850 J	< 630 J
Cadmium	ug/kg		< 3200 U	1200	910	700 J	140 J	< 640 U	190 J	110 J	< 630 U
Calcium	ug/kg		3500000 *	1500000 *	690000 *	1100000 *	420000 J	540000 J	1400000	660000 J	190000 J
Chromium, Hexavale	ug/kg	4000	-	-	-	-	< 9400 Ucn	< 7500 Ucn	-	-	-
Chromium, Total	ug/kg	4000	11000 *	83000 *	37000 *	63000 *	21000	14000	12000	6600	5500
Cobalt	ug/kg		3800	26000	13000	12000	3400	4100	2800	1200	800
Copper	ug/kg	69000	14000 *	46000 *	24000 *	38000 *	10000	6700	8300	2600	< 980 J
Iron	ug/kg		9300000 *	30000000 *	18000000 *	23000000 *	7600000 *	9300000 *	7200000 *	2000000 *	2500000 *
Lead	ug/kg	68000	6200 *	61000 *	24000 *	50000 *	17000 *	37000 *	23000 *	8000 *	3100 *
Magnesium	ug/kg		1500000 *	4700000 *	2400000 *	3300000 *	1200000 *	1500000 *	1500000 *	460000 J *	230000 J *
Manganese	ug/kg		510000	360000	240000	270000	50000 *	66000 *	48000 *	12000 *	6200 *
Mercury	ug/kg	400	79 J	400	110 J	610	68 J	63 J	94 J	< 180 U	< 110 U
Nickel	ug/kg	33000	11000 *	43000 *	28000 *	24000 *	9800	8800	8200	3000	1600
Potassium	ug/kg		220000 J	2100000	900000	1400000	570000	620000	580000 J	180000 J	110000 J
Selenium	ug/kg		< 16000 U	1200 J	600 J	810 J	990 J	820 J	1500 J	890 J	< 3200 U
Silver	ug/kg		< 3200 U	< 1200 U	< 620 U	140 J	< 490 U	< 640 U	< 1400 U	< 850 U	< 630 U
Sodium	ug/kg		480000	330000 J	150000 J	250000 J	38000 J	43000 J	< 1300000 U	< 670000 U	< 480000 U
Thallium	ug/kg		< 3200 U	< 1200 J	< 620 J	< 790 J	< 520 J *	< 600 U *	< 1200 U *	< 770 U *	< 490 U *
Vanadium	ug/kg	310000	25000	87000	51000	56000	17000	23000	22000	10000	4900
Zinc	ug/kg	240000	15000 J *	430000 *	220000 *	220000 *	38000 *	31000 *	21000 *	8900 *	4700 *

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

* - LCS and/or LCSD is outside acceptance

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-05	TS-05	TS-05	TS-05	TS-05	TS-06	TS-06	TS-06	TS-06
		Field Sample Name	TS-05-0002	TS-05-0204	TS-05-0406	TS-05-0608	TS-05-0810	DG-10-0001	DG-10-0002	DG-10-0204	DG-10-0406
		CLP Sample Name	C0B69	C0B67	C0B71	C0B70	C0B42	MC0AW0	C0AW1	C0AW3	C0AW4
		Sample Date	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023
		Sample Type	N	N	N	N	N	N	N	N	N
		Depth Interval	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 1 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		21000000	19000000	19000000	21000000	2400000	-	20000000 *	21000000 *	15000000 *
Antimony	ug/kg		310 J *	320 J *	480 J *	< 1200 U *	< 970 U *	-	< 1800 J *	< 1600 J *	< 1700 J *
Arsenic	ug/kg		7300	7500	14000	5400	3000	-	11000 *	18000 *	17000 *
Barium	ug/kg		100000	110000	110000	130000	140000	-	130000	110000	130000
Beryllium	ug/kg		1100	1200	1000	1100	< 490 J	-	1500 *	1200 *	1300 *
Cadmium	ug/kg		< 630 J	130 J	< 750 J	< 610 J	< 490 U	-	< 910 J	< 820 J	970
Calcium	ug/kg		630000 J	430000 J	770000	600000 J	1700000	-	920000	970000	750000
Chromium, Hexavale	ug/kg	4000	-	-	-	-	-	< 11000 Ucn	< 670 U	-	-
Chromium, Total	ug/kg	4000	26000	26000	29000	20000	3700	56000	48000 * 38000	43000 *	37000 *
Cobalt	ug/kg		5700	7000	8100	6800	2000	-	11000	9900	12000
Copper	ug/kg	69000	21000	19000	19000	8500	3300	-	22000 *	24000 *	27000 *
Iron	ug/kg		25000000 *	21000000 *	25000000 *	18000000 *	7800000 *	-	24000000 *	28000000 *	20000000 *
Lead	ug/kg	68000	25000	25000	33000	12000	1100	-	37000 *	54000 *	40000 *
Magnesium	ug/kg		2200000	1900000	2600000	2400000	650000	-	2700000	3100000	2100000
Manganese	ug/kg		170000 *	220000 *	250000 *	210000 *	370000 *	-	280000 *	250000 *	620000 *
Mercury	ug/kg	400	150	130	140 J	< 160 U	< 91 U	-	860	480	200
Nickel	ug/kg	33000	21000	23000	16000	13000	3500	-	58000	23000	24000
Potassium	ug/kg		880000	730000	870000	810000	91000 J	-	1100000	1100000	790000
Selenium	ug/kg		430 J	400 J	560 J	420 J	600 J	-	1000 J	720 J	480 J
Silver	ug/kg		< 630 U	< 710 U	< 750 U	< 610 U	< 490 U	-	< 910 U *	140 J *	< 840 U *
Sodium	ug/kg		73000 J	75000 J	89000 J	79000 J	310000 J	-	170000 J	200000 J	130000 J
Thallium	ug/kg		< 630 J *	< 710 J *	< 750 J *	< 610 J *	< 490 U *	-	< 910 J *	< 820 J *	< 840 J *
Vanadium	ug/kg	310000	120000	130000	54000	42000	9400	-	340000	58000	40000
Zinc	ug/kg	240000	89000	71000	130000	44000	3800	-	150000 *	190000 *	380000 *

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

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Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-06	TS-06	TS-07	TS-07	TS-07	TS-07	TS-07	TS-08	TS-08
		Field Sample Name	DG-10-0608	DG-10-0810	DG-14-0002	DG-14-0204	DG-14-0406	DG-14-0608	DG-14-0810	DG-18-0002	DG-18-0204
		CLP Sample Name	C0AW5	C0AS8	C0AW9	C0AX0	C0AX1	C0AX2	C0AZ0	C0B12	C0B16
		Sample Date	12/8/2023	12/8/2023	12/13/2023	12/13/2023	12/13/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	N	N	N	N	N	N
		Depth Interval	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	ug/kg		17000000 *	13000000 *	8000000 *	9400000 *	20000000 *	13000000 *	18000000 *	14000000 *	13000000 *
Antimony	ug/kg		< 1600 J *	< 1700 J *	220 J *	160 J *	310 J *	300 J *	< 1600 U *	420 J *	230 J *
Arsenic	ug/kg		15000 *	17000 *	2500	3100	7800	10000 *	4400 *	22000 *	6300 *
Barium	ug/kg		130000	150000	36000	43000	100000	97000	130000	540000	110000
Beryllium	ug/kg		1300 *	1300 *	< 630 J	550	1100	950 *	1100 *	4600 *	1000 *
Cadmium	ug/kg		< 820 J	< 860 J	90 J	69 J	140 J	190 J	< 780 U	730	130 J
Calcium	ug/kg		850000	800000 J	410000 J	260000 J	440000 J	400000 J	640000 J	530000 J	560000 J
Chromium, Hexavale	ug/kg	4000	-	-	-	-	-	-	-	-	-
Chromium, Total	ug/kg	4000	36000 *	37000 *	11000	20000	23000	27000 *	14000 *	84000 *	19000 *
Cobalt	ug/kg		9900	10000	2800	3100	6000	7600	5500	29000	7800
Copper	ug/kg	69000	26000 *	22000 *	6700	10000	14000	14000 *	6600 *	73000 *	15000 *
Iron	ug/kg		25000000 *	15000000 *	12000000 *	12000000 *	22000000 *	15000000 *	15000000 *	17000000 *	18000000 *
Lead	ug/kg	68000	41000 *	45000 *	7000	11000	22000	22000 *	8100 *	97000 *	20000 *
Magnesium	ug/kg		2400000	1800000	910000 *	1000000 *	2000000 *	1600000	1900000	1600000	1600000
Manganese	ug/kg		370000 *	320000 *	100000 *	130000 *	140000 *	240000 *	240000 *	860000 *	200000 *
Mercury	ug/kg	400	560	87 J	< 130 U	42 J	62 J	< 140 J	< 170 J	< 140 J	< 130 J
Nickel	ug/kg	33000	32000	20000	16000	11000	15000	14000	9500	130000	22000
Potassium	ug/kg		850000	730000 J	420000 J	370000 J	770000	600000 J	660000 J	530000 J	510000 J
Selenium	ug/kg		720 J	630 J	310 J	220 J	400 J	380 J	< 3900 U	2500 J D	510 J
Silver	ug/kg		< 820 U *	< 860 U *	< 630 U	< 490 U	< 630 U	< 620 U *	< 780 U *	190 J *	< 520 U *
Sodium	ug/kg		160000 J	130000 J	49000 J	33000 J	54000 J	60000 J	69000 J	60000 J	53000 J
Thallium	ug/kg		< 820 J *	< 860 J *	< 630 U *	< 490 J *	< 630 J *	< 620 J *	< 780 J *	< 570 J *	< 520 J *
Vanadium	ug/kg	310000	130000	40000	120000	60000	53000	62000	25000	1200000	190000
Zinc	ug/kg	240000	150000 *	330000 *	27000 *	29000 *	56000 *	89000 *	26000 *	280000 *	52000 *

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

* - LCS and/or LCSD is outside acceptance

Attachment C - Data Gap Investigation Analytical Summary

Total Metals and Chromium Speciation

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-08	TS-08	TS-08
		Field Sample Name	DG-18-0406	DG-18-0608	DG-18-0810
		CLP Sample Name	C0B13	C0B21	C0B17
		Sample Date	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N
		Depth Interval	4 - 6 ft	6 - 8 ft	8 - 10 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result
Aluminum	ug/kg		13000000 *	16000000 *	18000000 *
Antimony	ug/kg		< 1200 U *	< 1100 U *	< 2900 U *
Arsenic	ug/kg		5600 *	4200 *	4600 *
Barium	ug/kg		110000	120000	210000
Beryllium	ug/kg		990 *	970 *	1700 *
Cadmium	ug/kg		85 J	< 570 U	< 1500 U
Calcium	ug/kg		330000 J	260000 J	970000 J
Chromium, Hexavale	ug/kg	4000	-	-	-
Chromium, Total	ug/kg	4000	17000 *	15000 *	14000 *
Cobalt	ug/kg		7700	7600	5500
Copper	ug/kg	69000	9700 *	7200 *	7700 *
Iron	ug/kg		16000000 *	13000000 *	13000000 *
Lead	ug/kg	68000	16000 *	10000 *	7100 *
Magnesium	ug/kg		1500000	1700000	1800000
Manganese	ug/kg		370000 *	180000 *	380000 *
Mercury	ug/kg	400	< 130 J	< 120 J	< 320 J
Nickel	ug/kg	33000	13000	10000	9000
Potassium	ug/kg		490000 J	550000 J	790000 J
Selenium	ug/kg		310 J	230 J	1100 J
Silver	ug/kg		< 600 U *	< 570 U *	< 1500 U *
Sodium	ug/kg		48000 J	44000 J	99000 J
Thallium	ug/kg		< 600 J *	< 570 J *	< 1500 J *
Vanadium	ug/kg	310000	35000	27000	28000
Zinc	ug/kg	240000	42000 *	28000 *	20000 *

Notes:

Exceeds PRG concentrations

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection l

J - estimated value below the reporting limi

* - LCS and/or LCSD is outside acceptance

Inorganics

Inorganics Data

Attachment C - Data Gap Investigation Analytical Summary

Inorganics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-01	TS-01	TS-01	TS-01	TS-01	TS-02	TS-02	TS-02
		Field Sample Name	TS-01-0002	TS-01-0204	TS-01-0406	TS-01-0810	TS-01-0204-D	TS-02-0002	TS-02-0406	TS-02-0608
		CLP Sample Name	C0B40	C0B41	C0B48	C0B50	C0B47	C0B51	C0B52	C0B538
		Sample Date	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/6/2023	12/6/2023	12/6/2023
		Sample Type	N	N	N	N	FD	N	N	N
		Depth Interval	0 - 2 ft	2 - 4 ft	4 - 6 ft	8 - 10 ft	2 - 4 ft	0 - 2 ft	4 - 6 ft	6 - 8 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result
CHLORINE	ug/kg		600000	420000	360000	910000	470000	580000	360000	16000000
SULFUR, MOL (S8)	ug/kg		540000	439000	632000	877000	557000	1520000	670000	4000000
TOTAL ORGANIC C	ug/kg		90000000 90000000	70000000 70000000	28000000 28000000	170000000 170000000	53000000 53000000	67000000 67000000	63000000 63000000	280000000 F2 280000000 F2

Notes:

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Detection Limt

cn - Refers to the laboratory case narrative.

U - value was below the method detection limit (non-detect)

J - estimated value below the reporting limit but above the method detection limit

* - LCS and/or LCSD is outside acceptance limits, low biased, refer to case narrative.

Attachment C - Data Gap Investigation Analytical Summary

Inorganics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-02	TS-03	TS-03	TS-03	TS-03	TS-03	TS-04	TS-04
		Field Sample Name	TS-02-0810	TS-03-0002	TS-03-0204	TS-03-0406	TS-03-0608	TS-03-0406-D	TS-04-0002	TS-04-0204
		CLP Sample Name	C0B54	C0B56	C0B59	C0B57	C0B58	C0B60	TS-04-0002	C0B63
		Sample Date	12/6/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	12/5/2023	11/30/2023	11/30/2023
		Sample Type	N	N	N	N	N	FD	N	N
		Depth Interval	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	4 - 6 ft	0 - 2 ft	2 - 4 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result
CHLORINE	ug/kg		16000000	1600000	41000000	1400000	300000	1400000	-	-
SULFUR, MOL (S8)	ug/kg		2560000	1820000	4280000	1160000	334000	1280000	-	-
TOTAL ORGANIC C	ug/kg		130000000 130000000	80000000 80000000	480000000 480000000	360000000 360000000	26000000 26000000	250000000 250000000	22000000 22000000	37000000 37000000

Notes:

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection li

J - estimated value below the reporting limit

* - LCS and/or LCSD is outside acceptance li

Attachment C - Data Gap Investigation Analytical Summary
Inorganics
Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-04	TS-04	TS-05	TS-05	TS-05	TS-05	TS-05	TS-06
		Field Sample Name	TS-04-0406	TS-04-0608	TS-05-0002	TS-05-0204	TS-05-0406	TS-05-0608	TS-05-0810	DG-10-0002
		CLP Sample Name	C0B64	C0B65	C0B69	C0B67	C0B71	C0B70	C0B42	C0AW1
		Sample Date	11/30/2023	11/30/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/13/2023	12/8/2023
		Sample Type	N	N	N	N	N	N	N	N
		Depth Interval	4 - 6 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result
CHLORINE	ug/kg		-	-	200000	250000 F2	300000	260000	2200000	940000
SULFUR, MOL (S8)	ug/kg		-	-	527000	892000 F1	788000	557000	3260000	2220000
TOTAL ORGANIC C	ug/kg		20000000 F1 20000000 F1	4400000 4400000	30000000 30000000	34000000 34000000	29000000 29000000	38000000 38000000	40000000 40000000	35000000 35000000

Notes:
N - Routine sample
FD - Field duplicate
ug/kg - micrograms per kilogram
< - Detection is at or below the Method Det
cn - Refers to the laboratory case narrative.
U - value was below the method detection li
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Attachment C - Data Gap Investigation Analytical Summary

Inorganics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-06	TS-06	TS-06	TS-06	TS-07	TS-07	TS-07	TS-07
		Field Sample Name	DG-10-0204	DG-10-0406	DG-10-0608	DG-10-0810	DG-14-0002	DG-14-0204	DG-14-0406	DG-14-0608
		CLP Sample Name	C0AW3	C0AW4	C0AW5	C0AS8	C0AW9	C0AX0	C0AX1	C0AX2
		Sample Date	12/8/2023	12/8/2023	12/8/2023	12/8/2023	12/13/2023	12/13/2023	12/13/2023	12/12/2023
		Sample Type	N	N	N	N	N	N	N	N
		Depth Interval	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result	Result	Result
CHLORINE	ug/kg		1600000	1000000	3600000	4900000	130000	270000	2500000	150000
SULFUR, MOL (S8)	ug/kg		420000	255000	1030000	1300000	242000	203000	535000	777000
TOTAL ORGANIC C	ug/kg		30000000 30000000	32000000 32000000	33000000 33000000	40000000 40000000	13000000 13000000	6600000 6600000	18000000 18000000	15000000 15000000

Notes:

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

< - Detection is at or below the Method Det

cn - Refers to the laboratory case narrative.

U - value was below the method detection li

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Attachment C - Data Gap Investigation Analytical Summary

Inorganics

Standard Chlorine of Delaware Superfund Site - OU2

		Location	TS-07	TS-08	TS-08	TS-08	TS-08	TS-08
		Field Sample Name	DG-14-0810	DG-18-0002	DG-18-0204	DG-18-0406	DG-18-0608	DG-18-0810
		CLP Sample Name	C0AZ0	C0B12	C0B16	C0B13	C0B21	C0B17
		Sample Date	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023	12/12/2023
		Sample Type	N	N	N	N	N	N
		Depth Interval	8 - 10 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft
Analyte	**Unit**	**PRG (µg/kg)**	Result	Result	Result	Result	Result	Result
CHLORINE	ug/kg		640000	180000	750000	200000 F2	220000	460000
SULFUR, MOL (S8)	ug/kg		476000	383000	294000	276000 F1	203000	210000
TOTAL ORGANIC C	ug/kg		58000000 58000000	49000000 49000000	11000000 11000000	15000000 F1 15000000 F1	13000000 13000000	55000000 55000000

Notes:

N - Routine sample

FD - Field duplicate

ug/kg - micrograms per kilogram

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