August 27, 2024

Drew Canfield, AICP
Associate Director
Central Terminal Restoration Corp.
P.O. Box 51
Buffalo, New York 14212

Re: Buffalo Central Terminal
Limited Environmental Site Assessment

Dear Drew:

It is our understanding that the Central Terminal Restoration Corporation (CTRC) intends to redevelop the Buffalo Central Terminal. The Buffalo Central Terminal is an iconic structure located in the eastern portion of the city of Buffalo. An Art Deco icon integral to Buffalo's architectural legacy, the Buffalo Central Terminal was placed on both the National and State Registers of Historical Places in 1984. Despite the last train having left the station in 1979, the Terminal's importance as both a major piece of transportation infrastructure and a cultural asset in the greater Broadway-Fillmore neighborhood make its restoration a singular opportunity for the region.

To assist with the redevelopment of the Site, the CTRC evaluating the potential for the property, and/or surrounding properties to enter into the BCP through a partnership with a third-party developer. C&S has developed the following Scope of Services to evaluate the existing information relative to BCP eligibility; characterize the environmental conditions described in a Phase I Environmental Site Assessment prepared for the Site, if necessary; and employ those findings to enter the Site into the BCP.

The Investigation is not meant to be exhaustive in research; furthermore, no environmental site investigation can wholly eliminate uncertainty regarding the potential nature and extent of environmental concern(s) in connection with a property.

Characterization Scope and Objectives

This Investigation was intended to document current conditions. The extent of the Investigation was based on our scope of services detailed in an email dated July 17, 2024.

On August 27, 2024, an investigation was completed to provide limited characterization of the surface and sub-surface soil on the proposed BCP Site. A total of six surface soil samples and 11 subsurface soil samples were collected from 15 soil borings spread across the proposed BCP Site. The soil samples were analyzed for VOCs, SVOCs, PCBs, and metals.

Due to degrading ACM inside the Main Terminal Building access was not possible and samples were not collected in August 2024 within the Transformer/ Switchboard rooms and inside the Mail & Baggage Building.

Results

Soil Observations

Historic Fill Material (HFM) identified on the Site. HFM was generally observed across the proposed BCP Site from five feet below ground surface (bgs) to 11 feet bgs. The HFM at the Site generally consists of a mixture of soil types (sand, silt, and/or clay), ash, coal, gravel, and construction demolition debris. Native soils, generally silty clay, were encountered underlying the HFM.

Based on previous investigations, bedrock is gray, very hard, thinly bedded limestone. Bedrock depths vary between five to nine feet bgs and 12 to 13 feet bgs.

A soil boring logs provided in **Attachment A**.

Field Screening Results

Physical evidence of contamination (stains, sheens, odor) was identified in the Parking Garage. Four in-floor automobile hydraulic lifts are located in the Parking Garage resulting in the likelihood of the release of petroleum hydraulic oil. This area of the Parking Garage was formerly used by taxi cabs for service/repairs. Indeed, during the August 2024 sampling oil was observed floating on top of standing water inside each of the lifts and Spill # 2404978 was opened. The spill memo sent to the NYSDEC is provided in Attachment B.

Detectable volatile organic vapors were observed in two soil borings. Highest PID reading was 376 ppm in material five feet bgs.

Laboratory Analytical Data

New York State has established Soil Cleanup Objectives (SCOs) for various chemicals of interest, including chemical compounds associated with petroleum products, chemicals, pesticides / herbicides, metals, etc. The SCOs are established in Title 6 of the New York Codes, Rules, and Regulations at Part 375 (6 NYCRR Part 375). The SCOs in Part 375 are intended to apply to State Superfund Sites, Brownfield Cleanup Program (BCP) Sites, and Environmental Restoration Program (ERP) Sites. However, for consistency with State guidance, it is typical to apply the SCOs to sites independently investigated across NYS.

Soil Analytical Data

Comparison of the soil analytical data indicates:

Acetone was the only volatile organic compound (VOC) detected above Unrestricted Use Soil Cleanup Objectives (SCOs) (0.05 ppm) in sub-surface soils. A total of 10 locations contained acetone at concentrations that ranged from 0.07 ppm to 0.22 ppm.

SVOCs with concentrations exceeding SCOs were detected in surface and subsurface material throughout the proposed BCP Site. The following SVOCs were detected:

Analyte	Concentration Range (ppm)	NYSDEC SCO Exceedance
Benzo(a)anthracene	1.2 – 1.4	Restricted Residential Use (1 ppm)
Chrysene	1.3 – 1.5	Residential Use (1 ppm)
Benzo(b)fluoranthene	1 – 1.9	Restricted Residential Use (1 ppm)
Benzo(a)pyrene	1.2 – 1.3	Industrial Use (1.1 ppm)
Indeno(1,2,3-cd)pyrene	0.58 – 0.65	Restricted Residential Use (0.5 ppm)

Metals with concentrations exceeding SCOs were detected in surface and subsurface material throughout the proposed BCP Site. The following SVOCs were detected:

Analyte	Concentration Range (ppm)	NYSDEC SCO Exceedance
Arsenic	15	Unrestricted Use (13 ppm)
Barium	920	Commercial Use (400 ppm)
Cadmium	2.8	Residential Use (2.5 ppm)
Chromium	38 – 48	Unrestricted Use (30 ppm)
Copper	52 – 150	Unrestricted Use (50 ppm)
Lead	79 – 1,600	Unrestricted Use (63 ppm) Restricted Residential (400 ppm) Commercial Use (1,000 ppm)
Manganese	8,300	Restricted Residential Use (2,000 ppm)

Mercury	0.21 – 0.65	Unrestricted Use (0.18 ppm)
Nickel	150	Residential Use (140 ppm)
Zinc	120 – 1,600	Unrestricted Use (109 ppm)

Attachment C provides the lab analytical report.

Should you have any questions regarding this letter or require additional information, please feel free to contact the undersigned.

Sincerely,

C&S ENGINEERS, INC.

Daniel E. Riker, P.G.
Department Manager

Cody A. Martin
Project Environmental Scientist

f:\project\as3 - central terminal restoration corporation\as3001001 - phase ii esa and bcp app\planning-study\reports\buffalo central terminal limit site sampling.docx

FIGURES

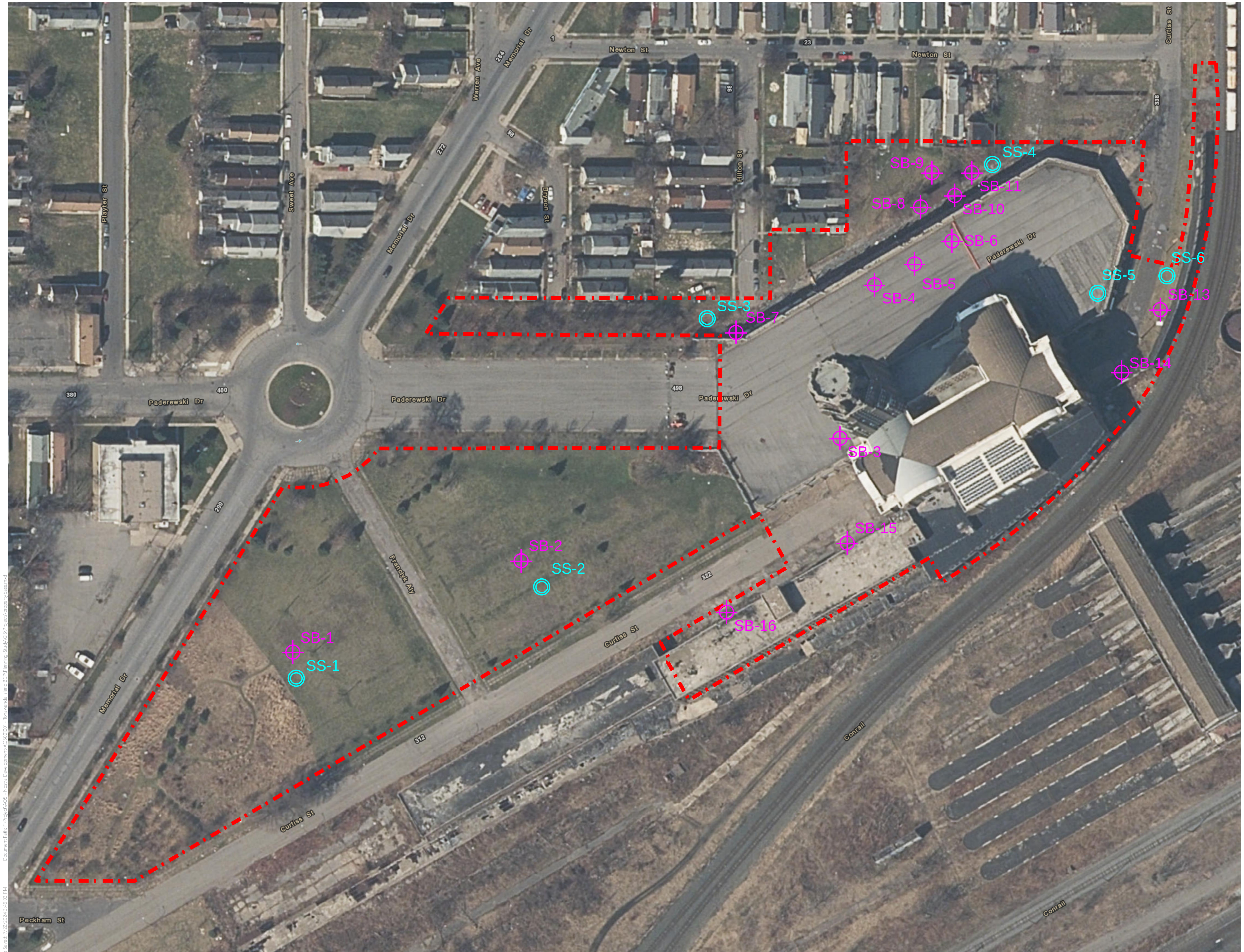

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Figure 0

Pre-BCP Sampling Plan

Property Boundary

N

0 60 120 240 Feet

1 in. = 120 feet
When printed at 11 in. by 17 in.

Central Terminal Site
Brownfield Cleanup Program

Sources: . Created by C&S Engineers, Inc.

TABLES

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SS-1		SS-2		SS-3		SS-4		SS-5		SS-6		SB-1	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial															
Analyte	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Metals																				
Mercury	0.18	0.81	0.81	2.8	5.7		**0.27**	0.093	0.11	0.087	0.13	0.089	**0.36**	0.090	0.17	0.087	ND	0.099	**0.65**	0.10
Aluminum							5,900	22	8,400	21	5,400	21	8,800	22	2,700	22	2,300	24	6,000	24
Antimony							0.78	0.33	0.42	0.31	0.36	0.32	1.5	0.32	3.9	0.33	0.65	0.36	0.48	0.35
Arsenic	13	16	16	16	16		11	0.22	11	0.21	5.0	0.21	8.5	0.22	11	0.22	6.0	0.24	9.1	0.24
Barium	350	350	400	400	10000		130	0.56	99	0.52	69	0.53	260	0.54	290	0.56	34	0.60	130	0.59
Beryllium	7.2	14	72	590	2700		0.48	0.11	0.61	0.10	0.34	0.11	1.0	0.11	0.24	0.11	0.33	0.12	0.41	0.12
Cadmium	2.5	2.5	4.3	9.3	60		1.1	0.22	0.53	0.21	0.50	0.21	**2.8**	0.22	2.2	0.22	0.27	0.24	0.28	0.24
Calcium							28,000	110	28,000	100	82,000	530	89,000	540	41,000	110	18,000	120	72,000	590
Chromium	30	36	180	1500	6800		28	0.22	17	0.21	12	0.21	**38**	0.22	23	0.22	4.4	0.24	13	0.24
Cobalt							6.0	0.22	6.8	0.21	5.4	0.21	5.4	0.22	9.5	0.22	3.2	0.24	7.0	0.24
Copper	50	270	270	270	10000		**55**	1.1	36	1.0	26	1.1	**85**	1.1	**110**	1.1	26	1.2	**52**	1.2
Iron							20,000	33	20,000	31	14,000	32	24,000	32	28,000	33	11,000	36	18,000	35
Lead	63	400	400	1000	3900		**300**	0.33	**160**	0.31	**130**	0.32	**1,200**	1.6	**1,600**	1.7	36	0.36	**300**	0.35
Magnesium							6,200	110	8,400	100	13,000	110	11,000	110	5,100	110	4,400	120	9,300	120
Manganese	1600	2000	2000	10000	10000		380	1.1	350	1.0	340	1.1	1,000	5.4	210	1.1	43	1.2	770	5.9
Nickel	30	140	310	310	10000		21	1.1	17	1.0	15	1.1	22	1.1	**150**	5.6	10	1.2	14	1.2
Potassium							1,100	110	1,200	100	1,200	110	1,200	110	1,500	110	530	120	1,000	120
Selenium	3.9	36	180	1500	6800		2.2	1.1	2.1	1.0	1.6	1.1	3.0	1.1	1.7	1.1	ND	1.2	2.9	1.2
Silver	2	36	180	1500	6800		ND	0.22	ND	0.21	ND	0.21	0.31	0.22	0.83	0.22	ND	0.24	ND	0.24
Sodium							ND	110	ND	100	120	110	230	110	18,000	110	350	120	130	120
Thallium							ND	0.22	ND	0.21	ND	0.21	ND	0.22	ND	0.22	ND	0.24	ND	0.24
Vanadium							17	0.22	19	0.21	15	0.21	16	0.22	11	0.22	8.0	0.24	20	0.24
Zinc	109	2200	10000	10000	10000		**250**	4.4	**130**	4.2	**130**	4.3	**990**	22	**1,600**	22	28	4.8	**170**	4.7
PCBs																				
Aroclor (Total)	0.1	1	1	1	25		**0.33**	0.028	ND	0.026	ND	0.027	**0.33**	0.027	ND	0.028	ND	0.030	ND	0.030
Aroclor-1016	0.1	1	1	1	25		ND	0.028	ND	0.026	ND	0.027	ND	0.027	ND	0.028	ND	0.030	ND	0.030
Aroclor-1221	0.1	1	1	1	25		ND	0.028	ND	0.026	ND	0.027	ND	0.027	ND	0.028	ND	0.030	ND	0.030
Aroclor-1232	0.1	1	1	1	25		ND	0.028	ND	0.026	ND	0.027	ND	0.027	ND	0.028	ND	0.030	ND	0.030
Aroclor-1242	0.1	1	1	1	25		ND	0.028	ND	0.026	ND	0.027	ND	0.027	ND	0.028	ND	0.030	ND	0.030
Aroclor-1248	0.1	1	1	1	25		ND	0.028	ND	0.026	ND	0.027	ND	0.027	ND	0.028	ND	0.030	ND	0.030
Aroclor-1254	0.1	1	1	1	25		0.18	0.028	ND	0.026	ND	0.027	0.33	0.027	ND	0.028	ND	0.030	ND	0.030
Aroclor-1260	0.1	1	1	1	25		ND	0.028	ND	0.026	ND	0.027	ND	0.027	ND	0.028	ND	0.030	ND	0.030
Aroclor-1262	0.1	1	1	1	25		0.15	0.028	ND	0.026	ND	0.027	ND	0.027	ND	0.028	ND	0.030	ND	0.030
Aroclor-1268	0.1	1	1	1	25		ND	0.028	ND	0.026	ND	0.027	ND	0.027	ND	0.028	ND	0.030	ND	0.030
SVOCs																				
1,1'-Biphenyl							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
1,2,4,5-Tetrachlorobenzene							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
1,4-Dioxane	0.1	9.8	13	130	250		ND	0.045	ND	0.025	ND	0.044	ND	0.044	ND	0.045	ND	0.0099	ND	0.0098
2,3,4,6-Tetrachlorophenol							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
2,4,5-Trichlorophenol							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039

TABLE 1

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						SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial															
Analyte	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
2,4,6-Trichlorophenol							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
2,4-Dichlorophenol							ND	0.045	ND	0.025	ND	0.044	ND	0.044	ND	0.045	ND	0.0099	ND	0.0098
2,4-Dimethylphenol							ND	0.059	ND	0.033	ND	0.057	ND	0.058	ND	0.059	ND	0.013	ND	0.013
2,4-Dinitrophenol							ND	0.91	ND	0.51	ND	0.88	ND	0.89	ND	0.91	ND	0.20	ND	0.20
2,4-Dinitrotoluene							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
2,6-Dinitrotoluene							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
2-Chloronaphthalene							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
2-Chlorophenol							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
2-Methylnaphthalene							0.20	0.18	ND	0.10	ND	0.18	ND	0.18	0.31	0.18	0.33	0.039	0.076	0.039
2-Methylphenol	0.33	100	100	500	1000		ND	0.056	ND	0.032	ND	0.055	ND	0.055	ND	0.056	ND	0.012	ND	0.012
2-Nitroaniline							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
2-Nitrophenol							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
3&4-Methylphenol	0.33	34	100	500	1000		ND	0.055	ND	0.031	ND	0.054	ND	0.054	ND	0.055	ND	0.012	ND	0.012
3,3'-Dichlorobenzidine							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
3-Nitroaniline							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
4,6-Dinitro-2-methylphenol							ND	0.91	ND	0.51	ND	0.88	ND	0.89	ND	0.91	ND	0.20	ND	0.20
4-Bromophenyl-phenylether							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
4-Chloro-3-methylphenol							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
4-Chloroaniline							ND	0.049	ND	0.027	ND	0.048	ND	0.048	ND	0.049	ND	0.011	ND	0.011
4-Chlorophenyl-phenylether							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
4-Nitroaniline							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
4-Nitrophenol							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Acenaphthene	20	100	100	500	1000		0.19	0.18	0.15	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	0.47	0.039
Acenaphthylene	100	100	100	500	1000		ND	0.18	0.11	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Acetophenone							ND	0.18	ND	0.10	ND	0.18	0.21	0.18	ND	0.18	0.049	0.039	ND	0.039
Anthracene	100	100	100	500	1000		0.52	0.18	0.45	0.10	ND	0.18	ND	0.18	0.25	0.18	ND	0.039	0.92	0.039
Atrazine							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Benzaldehyde							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Benzo[a]anthracene	1	1	1	5.6	11		**1.4**	0.18	**1.3**	0.10	0.22	0.18	0.55	0.18	0.49	0.18	ND	0.039	**1.2**	0.039
Benzo[a]pyrene	1	1	1	1	1.1		**1.3**	0.18	**1.2**	0.10	0.19	0.18	0.57	0.18	0.46	0.18	ND	0.039	0.83	0.039
Benzo[b]fluoranthene	1	1	1	5.6	11		**1.9**	0.18	**1.6**	0.10	0.29	0.18	0.94	0.18	0.93	0.18	ND	0.039	**1.1**	0.039
Benzo[g,h,i]perylene	100	100	100	500	1000		0.63	0.18	0.70	0.10	ND	0.18	0.38	0.18	0.46	0.18	ND	0.039	0.38	0.039
Benzo[k]fluoranthene	0.8	1	3.9	56	110		0.54	0.18	0.52	0.10	ND	0.18	0.24	0.18	0.22	0.18	ND	0.039	0.33	0.039
bis(2-Chloroethoxy)methane							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
bis(2-Chloroethyl)ether							ND	0.069	ND	0.039	ND	0.067	ND	0.068	ND	0.069	ND	0.015	ND	0.015
bis(2-Chloroisopropyl)ether							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
bis(2-Ethylhexyl)phthalate							0.19	0.18	0.16	0.10	ND	0.18	0.44	0.18	0.74	0.18	ND	0.039	ND	0.039
Butylbenzylphthalate							ND	0.18	ND	0.10	ND	0.18	0.20	0.18	ND	0.18	ND	0.039	ND	0.039
Caprolactam							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Carbazole							0.24	0.18	0.24	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	0.18	0.039
Chrysene	1	1	3.9	56	110		**1.5**	0.18	**1.3**	0.10	0.24	0.18	0.62	0.18	0.78	0.18	0.056	0.039	0.99	0.039

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SS-1		SS-2		SS-3		SS-4		SS-5		SS-6		SB-1	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial															
Analyte	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Dibenzo[a,h]anthracene	0.33	0.33	0.33	0.56	1.1		0.20	0.18	0.22	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	0.11	0.039
Dibenzofuran	7	14	59	350	1000		0.14	0.047	0.10	0.026	ND	0.046	ND	0.046	0.12	0.047	0.090	0.010	0.32	0.010
Diethylphthalate							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Dimethylphthalate							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Di-n-butylphthalate							ND	0.082	ND	0.046	ND	0.080	ND	0.080	ND	0.082	ND	0.018	ND	0.018
Di-n-octylphthalate							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Fluoranthene	100	100	100	500	1000		2.7	0.18	2.5	0.10	0.41	0.18	0.90	0.18	1.2	0.18	ND	0.039	2.6	0.039
Fluorene	30	100	100	500	1000		ND	0.18	0.16	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	0.48	0.039
Hexachlorobenzene	0.33	0.33	1.2	6	12		ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Hexachlorobutadiene							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Hexachlorocyclopentadiene							ND	0.60	ND	0.34	ND	0.59	ND	0.59	ND	0.60	ND	0.13	ND	0.13
Hexachloroethane							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11		**0.58**	0.18	**0.65**	0.10	ND	0.18	0.30	0.18	0.34	0.18	ND	0.039	0.36	0.039
Isophorone							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Naphthalene	12	100	100	500	1000		0.15	0.045	0.068	0.025	ND	0.044	0.063	0.044	0.30	0.045	0.23	0.0099	0.044	0.0098
Nitrobenzene							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
N-Nitroso-di-n-propylamine							ND	0.051	ND	0.028	ND	0.049	ND	0.049	ND	0.051	ND	0.011	ND	0.011
N-Nitrosodiphenylamine							ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Pentachlorophenol	0.8	2.4	6.7	6.7	55		ND	0.91	ND	0.51	ND	0.88	ND	0.89	ND	0.91	ND	0.20	ND	0.20
Phenanthrene	100	100	100	500	1000		2.1	0.18	1.8	0.10	0.21	0.18	0.42	0.18	0.91	0.18	0.21	0.039	3.2	0.039
Phenol	0.33	100	100	500	1000		ND	0.18	ND	0.10	ND	0.18	ND	0.18	ND	0.18	ND	0.039	ND	0.039
Pyrene	100	100	100	500	1000		2.5	0.18	2.3	0.10	0.40	0.18	0.89	0.18	1.5	0.18	ND	0.039	2.3	0.039
VOCs																				
1,1,1-Trichloroethane	0.68	100	100	500	1000		ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,1,2,2-Tetrachloroethane							ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,1,2-Trichloro-1,2,2-trifluoroethane							ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,1,2-Trichloroethane							ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,1-Dichloroethane	0.27	19	26	240	480		ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,1-Dichloroethene	0.33	100	100	500	1000		ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,2,3-Trichlorobenzene							ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,2,4-Trichlorobenzene							ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,2-Dibromo-3-chloropropane							ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,2-Dibromoethane							ND	0.00065	ND	0.0011	ND	0.00063	ND	0.00063	ND	0.0012	ND	0.0013	ND	0.0013
1,2-Dichlorobenzene	1.1	100	100	500	1000		ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,2-Dichloroethane	0.02	2.3	3.1	30	60		ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,2-Dichloropropane							ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,3-Dichlorobenzene	2.4	17	49	280	560		ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,3-Dichloropropene (Total)							ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,4-Dichlorobenzene	1.8	9.8	13	130	250		ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
1,4-Dioxane	0.1	9.8	13	130	250		ND	0.11	ND	0.11	ND	0.10	ND	0.10	ND	0.12	ND	0.13	ND	0.13
2-Butanone	0.12	100	100	500	1000		ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SS-1		SS-2		SS-3		SS-4		SS-5		SS-6		SB-1	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial															
Analyte	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
2-Hexanone						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
4-Methyl-2-pentanone						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Acetone	0.05	100	100	500	1000	ND	0.011	ND	0.011	ND	0.010	ND	0.010	**0.070**	0.012	ND	0.013	ND	0.013
Benzene	0.06	2.9	4.8	44	89	ND	0.0011	ND	0.0011	ND	0.0010	ND	0.0010	ND	0.0012	ND	0.0013	ND	0.0013
Bromochloromethane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Bromodichloromethane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Bromoform						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Bromomethane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Carbon disulfide						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Carbon tetrachloride	0.76	1.4	2.4	22	44	ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Chlorobenzene	1.1	100	100	500	1000	ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Chloroethane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Chloroform	0.37	10	49	350	700	ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Chloromethane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
cis-1,2-Dichloroethene	0.25	59	100	500	1000	ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
cis-1,3-Dichloropropene						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Cyclohexane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Dibromochloromethane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Dichlorodifluoromethane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Ethylbenzene	1	30	41	390	780	ND	0.0011	ND	0.0011	ND	0.0010	ND	0.0010	ND	0.0012	ND	0.0013	ND	0.0013
Isopropylbenzene						ND	0.0011	ND	0.0011	ND	0.0010	ND	0.0010	ND	0.0012	ND	0.0013	ND	0.0013
m&p-Xylenes						ND	0.0015	ND	0.0015	ND	0.0015	ND	0.0015	ND	0.0016	ND	0.0018	ND	0.0019
Methyl Acetate						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Methylcyclohexane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Methylene chloride	0.05	51	100	500	1000	ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Methyl-t-butyl ether	0.93	62	100	500	1000	ND	0.0011	ND	0.0011	ND	0.0010	ND	0.0010	ND	0.0012	ND	0.0013	ND	0.0013
o-Xylene						ND	0.0011	ND	0.0011	ND	0.0010	ND	0.0010	ND	0.0012	ND	0.0013	ND	0.0013
Styrene						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Tetrachloroethene	1.3	5.5	19	150	300	ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Toluene	0.7	100	100	500	1000	ND	0.0011	ND	0.0011	ND	0.0010	ND	0.0010	ND	0.0012	ND	0.0013	ND	0.0013
trans-1,2-Dichloroethene	0.19	100	100	500	1000	ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
trans-1,3-Dichloropropene						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Trichloroethene	0.47	10	21	200	400	ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Trichlorofluoromethane						ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Vinyl chloride	0.02	0.21	0.9	13	27	ND	0.0022	ND	0.0022	ND	0.0021	ND	0.0021	ND	0.0023	ND	0.0026	ND	0.0027
Xylenes (Total)	0.26	100	100	500	1000	ND	0.0011	ND	0.0011	ND	0.0010	ND	0.0010	ND	0.0012	ND	0.0013	ND	0.0013
Wet Chemistry																			
% Solids					NA	90(Percent)		96(Percent)		94(Percent)		93(Percent)		90(Percent)		84(Percent)		83(Percent)	

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SB-2		SB-16		SB-15		SB-3		SB-5		SB-14		SB-13	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial															
Analyte	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Metals																				
Mercury	0.18	0.81	0.81	2.8	5.7		**0.35**	0.10	ND	0.092	**0.21**	0.10	ND	0.099	ND	0.097	**0.21**	0.11	ND	0.098
Aluminum							7,800	23	4,300	22	19,000	24	11,000	24	11,000	23	6,600	24	10,000	25
Antimony							1.4	0.35	ND	0.34	1.9	0.36	ND	0.36	ND	0.35	1.1	0.37	ND	0.38
Arsenic	13	16	16	16	16		11	0.23	2.2	0.22	12	0.24	3.6	0.24	2.2	0.23	12	0.24	4.6	0.25
Barium	350	350	400	400	10000		100	0.58	37	0.56	150	0.60	140	0.60	83	0.58	**920**	3.0	87	0.62
Beryllium	7.2	14	72	590	2700		0.48	0.12	0.21	0.11	1.0	0.12	0.46	0.12	0.45	0.12	0.42	0.12	0.48	0.12
Cadmium	2.5	2.5	4.3	9.3	60		0.51	0.23	ND	0.22	0.27	0.24	ND	0.24	ND	0.23	2.2	0.24	ND	0.25
Calcium							46,000	120	94,000	560	96,000	3,000	43,000	120	89,000	580	130,000	610	67,000	620
Chromium	30	36	180	1500	6800		15	0.23	7.1	0.22	**48**	0.24	17	0.24	17	0.23	23	0.24	16	0.25
Cobalt							9.5	0.23	3.9	0.22	6.4	0.24	6.5	0.24	9.4	0.23	6.9	0.24	8.4	0.25
Copper	50	270	270	270	10000		**150**	1.2	9.9	1.1	**68**	1.2	24	1.2	13	1.2	**100**	1.2	20	1.2
Iron							22,000	35	9,800	34	46,000	36	18,000	36	17,000	35	18,000	37	27,000	38
Lead	63	400	400	1000	3900		**210**	0.35	6.0	0.34	**170**	0.36	**79**	0.36	13	0.35	**590**	0.37	16	0.38
Magnesium							12,000	120	30,000	110	9,600	120	19,000	120	32,000	120	22,000	120	25,000	130
Manganese	1600	2000	2000	10000	10000		340	1.2	290	1.1	**8,300**	30	470	1.2	550	1.2	440	1.2	470	1.2
Nickel	30	140	310	310	10000		20	1.2	9.0	1.1	13	1.2	24	1.2	21	1.2	23	1.2	21	1.2
Potassium							1,200	120	960	110	2,800	120	1,500	120	1,700	120	880	120	1,500	130
Selenium	3.9	36	180	1500	6800		2.7	1.2	1.5	1.1	3.5	1.2	2.3	1.2	2.7	1.2	1.9	1.2	2.5	1.2
Silver	2	36	180	1500	6800		ND	0.23	ND	0.22	ND	0.24	ND	0.24	ND	0.23	ND	0.24	ND	0.25
Sodium							160	120	130	110	1,100	120	310	120	330	120	240	120	ND	130
Thallium							ND	0.23	ND	0.22	ND	0.24	ND	0.24	ND	0.23	ND	0.24	ND	0.25
Vanadium							21	0.23	12	0.22	89	0.24	18	0.24	20	0.23	16	0.24	22	0.25
Zinc	109	2200	10000	10000	10000		**290**	4.7	50	4.5	**120**	4.8	94	4.8	71	4.7	**800**	24	72	5.0
PCBs																				
Aroclor (Total)	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
Aroclor-1016	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
Aroclor-1221	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
Aroclor-1232	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
Aroclor-1242	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
Aroclor-1248	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
Aroclor-1254	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
Aroclor-1260	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
Aroclor-1262	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
Aroclor-1268	0.1	1	1	1	25		ND	0.029	ND	0.027	ND	0.030	ND	0.030	ND	0.029	ND	0.030	ND	0.031
SVOCs																				
1,1'-Biphenyl							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
1,2,4,5-Tetrachlorobenzene							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
1,4-Dioxane	0.1	9.8	13	130	250		ND	0.029	ND	0.0091	ND	0.010	ND	0.0097	ND	0.0095	ND	0.0099	ND	0.010
2,3,4,6-Tetrachlorophenol							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
2,4,5-Trichlorophenol							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SB-2		SB-16		SB-15		SB-3		SB-5		SB-14		SB-13	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial															
Analyte	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
2,4,6-Trichlorophenol							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
2,4-Dichlorophenol							ND	0.029	ND	0.0091	ND	0.010	ND	0.0097	ND	0.0095	ND	0.0099	ND	0.010
2,4-Dimethylphenol							ND	0.038	ND	0.012	ND	0.013	ND	0.013	ND	0.012	ND	0.013	ND	0.013
2,4-Dinitrophenol							ND	0.58	ND	0.18	ND	0.20	ND	0.19	ND	0.19	ND	0.20	ND	0.20
2,4-Dinitrotoluene							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
2,6-Dinitrotoluene							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
2-Chloronaphthalene							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
2-Chlorophenol							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
2-Methylnaphthalene							ND	0.12	ND	0.036	ND	0.040	ND	0.039	0.25	0.038	ND	0.040	ND	0.040
2-Methylphenol	0.33	100	100	500	1000		ND	0.036	ND	0.011	ND	0.012	ND	0.012	ND	0.012	ND	0.012	ND	0.013
2-Nitroaniline							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
2-Nitrophenol							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
3&4-Methylphenol	0.33	34	100	500	1000		ND	0.035	ND	0.011	ND	0.012	ND	0.012	ND	0.012	ND	0.012	ND	0.012
3,3'-Dichlorobenzidine							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
3-Nitroaniline							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
4,6-Dinitro-2-methylphenol							ND	0.58	ND	0.18	ND	0.20	ND	0.19	ND	0.19	ND	0.20	ND	0.20
4-Bromophenyl-phenylether							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
4-Chloro-3-methylphenol							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
4-Chloroaniline							ND	0.031	ND	0.0098	ND	0.011	ND	0.011	ND	0.010	ND	0.011	ND	0.011
4-Chlorophenyl-phenylether							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
4-Nitroaniline							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
4-Nitrophenol							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Acenaphthene	20	100	100	500	1000		0.18	0.12	ND	0.036	ND	0.040	0.043	0.039	ND	0.038	ND	0.040	ND	0.040
Acenaphthylene	100	100	100	500	1000		ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Acetophenone							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Anthracene	100	100	100	500	1000		0.48	0.12	ND	0.036	0.046	0.040	0.13	0.039	ND	0.038	ND	0.040	ND	0.040
Atrazine							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Benzaldehyde							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Benzo[a]anthracene	1	1	1	5.6	11		0.90	0.12	ND	0.036	0.16	0.040	0.26	0.039	ND	0.038	0.091	0.040	ND	0.040
Benzo[a]pyrene	1	1	1	1	1.1		0.83	0.12	ND	0.036	0.16	0.040	0.22	0.039	ND	0.038	0.11	0.040	ND	0.040
Benzo[b]fluoranthene	1	1	1	5.6	11		**1.0**	0.12	ND	0.036	0.24	0.040	0.28	0.039	ND	0.038	0.19	0.040	ND	0.040
Benzo[g,h,i]perylene	100	100	100	500	1000		0.59	0.12	ND	0.036	0.12	0.040	0.13	0.039	ND	0.038	0.097	0.040	ND	0.040
Benzo[k]fluoranthene	0.8	1	3.9	56	110		0.37	0.12	ND	0.036	0.084	0.040	0.11	0.039	ND	0.038	0.055	0.040	ND	0.040
bis(2-Chloroethoxy)methane							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
bis(2-Chloroethyl)ether							ND	0.044	ND	0.014	ND	0.015	ND	0.015	ND	0.015	ND	0.015	ND	0.015
bis(2-Chloroisopropyl)ether							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
bis(2-Ethylhexyl)phthalate							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Butylbenzylphthalate							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Caprolactam							ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Carbazole							0.18	0.12	ND	0.036	ND	0.040	0.069	0.039	ND	0.038	ND	0.040	ND	0.040
Chrysene	1	1	3.9	56	110		0.91	0.12	ND	0.036	0.22	0.040	0.25	0.039	ND	0.038	0.12	0.040	ND	0.040

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:		SB-16		SB-15		SB-3		SB-5		SB-14		SB-13	
						COLLECTION DATE:		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:		Soil		Soil		Soil		Soil		Soil		Soil	
						SAMPLE UNITS:		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial														
Analyte	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Dibenzo[a,h]anthracene	0.33	0.33	0.33	0.56	1.1	0.16	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Dibenzofuran	7	14	59	350	1000	0.18	0.030	ND	0.0094	0.022	0.010	0.037	0.010	ND	0.0099	0.012	0.010	0.052	0.011
Diethylphthalate						ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Dimethylphthalate						ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	0.13	0.040	ND	0.040
Di-n-butylphthalate						ND	0.052	ND	0.016	ND	0.018	ND	0.017	ND	0.017	ND	0.018	ND	0.018
Di-n-octylphthalate						ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Fluoranthene	100	100	100	500	1000	1.8	0.12	ND	0.036	0.23	0.040	0.54	0.039	ND	0.038	0.13	0.040	0.082	0.040
Fluorene	30	100	100	500	1000	0.23	0.12	ND	0.036	ND	0.040	0.053	0.039	ND	0.038	ND	0.040	ND	0.040
Hexachlorobenzene	0.33	0.33	1.2	6	12	ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Hexachlorobutadiene						ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Hexachlorocyclopentadiene						ND	0.38	ND	0.12	ND	0.13	ND	0.13	ND	0.13	ND	0.13	ND	0.13
Hexachloroethane						ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.45	0.12	ND	0.036	0.099	0.040	0.10	0.039	ND	0.038	0.085	0.040	ND	0.040
Isophorone						ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Naphthalene	12	100	100	500	1000	0.18	0.029	ND	0.0091	0.033	0.010	0.035	0.0097	0.096	0.0095	0.023	0.0099	0.033	0.010
Nitrobenzene						ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
N-Nitroso-di-n-propylamine						ND	0.032	ND	0.010	ND	0.011	ND	0.011	ND	0.011	ND	0.011	ND	0.011
N-Nitrosodiphenylamine						ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Pentachlorophenol	0.8	2.4	6.7	6.7	55	ND	0.58	ND	0.18	ND	0.20	ND	0.19	ND	0.19	ND	0.20	ND	0.20
Phenanthrene	100	100	100	500	1000	1.8	0.12	ND	0.036	0.17	0.040	0.47	0.039	ND	0.038	0.081	0.040	0.077	0.040
Phenol	0.33	100	100	500	1000	ND	0.12	ND	0.036	ND	0.040	ND	0.039	ND	0.038	ND	0.040	ND	0.040
Pyrene	100	100	100	500	1000	1.7	0.12	ND	0.036	0.22	0.040	0.43	0.039	ND	0.038	0.12	0.040	0.061	0.040
VOCs																			
1,1,1-Trichloroethane	0.68	100	100	500	1000	ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,1,2,2-Tetrachloroethane						ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,1,2-Trichloro-1,2,2-trifluoroethane						ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,1,2-Trichloroethane						ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,1-Dichloroethane	0.27	19	26	240	480	ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,1-Dichloroethene	0.33	100	100	500	1000	ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,2,3-Trichlorobenzene						ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,2,4-Trichlorobenzene						ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,2-Dibromo-3-chloropropane						ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,2-Dibromoethane						ND	0.0010	ND	0.00090	ND	0.0010	ND	0.0012	ND	0.0010	ND	0.0011	ND	0.0011
1,2-Dichlorobenzene	1.1	100	100	500	1000	ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,2-Dichloroethane	0.02	2.3	3.1	30	60	ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,2-Dichloropropane						ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,3-Dichlorobenzene	2.4	17	49	280	560	ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,3-Dichloropropene (Total)						ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,4-Dichlorobenzene	1.8	9.8	13	130	250	ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
1,4-Dioxane	0.1	9.8	13	130	250	ND	0.10	ND	0.090	ND	0.10	ND	0.12	ND	0.10	ND	0.11	ND	0.11
2-Butanone	0.12	100	100	500	1000	0.011	0.0021	ND	0.0018	0.021	0.0021	ND	0.0023	0.012	0.0021	ND	0.0021	0.0041	0.0022

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SB-2		SB-16		SB-15		SB-3		SB-5		SB-14		SB-13	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial															
Analyte	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
2-Hexanone							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
4-Methyl-2-pentanone							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Acetone	0.05	100	100	500	1000		**0.076**	0.010	**0.095**	0.0090	**0.14**	0.010	**0.078**	0.012	**0.092**	0.010	**0.12**	0.011	**0.11**	0.011
Benzene	0.06	2.9	4.8	44	89		ND	0.0010	ND	0.00090	ND	0.0010	ND	0.0012	ND	0.0010	ND	0.0011	ND	0.0011
Bromochloromethane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Bromodichloromethane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Bromoform							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Bromomethane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Carbon disulfide							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	0.0039	0.0021	0.0023	0.0021	0.0023	0.0022
Carbon tetrachloride	0.76	1.4	2.4	22	44		ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Chlorobenzene	1.1	100	100	500	1000		ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Chloroethane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Chloroform	0.37	10	49	350	700		ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Chloromethane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
cis-1,2-Dichloroethene	0.25	59	100	500	1000		ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
cis-1,3-Dichloropropene							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Cyclohexane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Dibromochloromethane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Dichlorodifluoromethane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Ethylbenzene	1	30	41	390	780		ND	0.0010	ND	0.00090	ND	0.0010	ND	0.0012	ND	0.0010	ND	0.0011	ND	0.0011
Isopropylbenzene							ND	0.0010	ND	0.00090	ND	0.0010	ND	0.0012	ND	0.0010	ND	0.0011	ND	0.0011
m&p-Xylenes							ND	0.0015	ND	0.0013	ND	0.0015	ND	0.0016	ND	0.0015	ND	0.0015	ND	0.0015
Methyl Acetate							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Methylcyclohexane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Methylene chloride	0.05	51	100	500	1000		ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Methyl-t-butyl ether	0.93	62	100	500	1000		ND	0.0010	ND	0.00090	ND	0.0010	ND	0.0012	ND	0.0010	ND	0.0011	ND	0.0011
o-Xylene							ND	0.0010	ND	0.00090	ND	0.0010	ND	0.0012	ND	0.0010	ND	0.0011	ND	0.0011
Styrene							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Tetrachloroethene	1.3	5.5	19	150	300		ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Toluene	0.7	100	100	500	1000		ND	0.0010	ND	0.00090	ND	0.0010	ND	0.0012	ND	0.0010	ND	0.0011	ND	0.0011
trans-1,2-Dichloroethene	0.19	100	100	500	1000		ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
trans-1,3-Dichloropropene							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Trichloroethene	0.47	10	21	200	400		ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Trichlorofluoromethane							ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Vinyl chloride	0.02	0.21	0.9	13	27		ND	0.0021	ND	0.0018	ND	0.0021	ND	0.0023	ND	0.0021	ND	0.0021	ND	0.0022
Xylenes (Total)	0.26	100	100	500	1000		ND	0.0010	ND	0.00090	ND	0.0010	ND	0.0012	ND	0.0010	ND	0.0011	ND	0.0011
Wet Chemistry																				
% Solids					NA		6(Percent)		91(Percent)		83(Percent)		84(Percent)		86(Percent)		82(Percent)		80(Percent)	8

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SB-9		SB-10		SB-8	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial							
Analyte	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	Result	RL	Result	RL	Result	RL
Metals											
Mercury	0.18	0.81	0.81	2.8	5.7	**0.22**	0.094	ND	0.098	ND	0.098
Aluminum						6,300	22	12,000	24	11,000	24
Antimony						3.4	0.66	ND	0.35	ND	0.35
Arsenic	13	16	16	16	16	**15**	0.22	2.3	0.24	4.4	0.24
Barium	350	350	400	400	10000	130	0.55	100	0.59	87	0.59
Beryllium	7.2	14	72	590	2700	0.53	0.11	0.53	0.12	0.49	0.12
Cadmium	2.5	2.5	4.3	9.3	60	ND	0.44	ND	0.24	ND	0.24
Calcium						31,000	110	120,000	590	84,000	590
Chromium	30	36	180	1500	6800	12	0.22	19	0.24	18	0.24
Cobalt						6.8	0.22	7.7	0.24	11	0.24
Copper	50	270	270	270	10000	37	1.1	14	1.2	21	1.2
Iron						38,000	33	20,000	35	23,000	35
Lead	63	400	400	1000	3900	**160**	0.33	15	0.35	15	0.35
Magnesium						9,500	110	29,000	120	28,000	120
Manganese	1600	2000	2000	10000	10000	370	1.1	450	1.2	540	1.2
Nickel	30	140	310	310	10000	15	1.1	21	1.2	25	1.2
Potassium						1,000	110	1,900	120	2,000	120
Selenium	3.9	36	180	1500	6800	1.8	1.1	2.7	1.2	2.6	1.2
Silver	2	36	180	1500	6800	ND	0.44	ND	0.24	ND	0.24
Sodium						ND	110	210	120	220	120
Thallium						ND	0.22	ND	0.24	ND	0.24
Vanadium						17	0.22	22	0.24	25	0.24
Zinc	109	2200	10000	10000	10000	**210**	4.4	67	4.7	69	4.7
PCBs											
Aroclor (Total)	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
Aroclor-1016	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
Aroclor-1221	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
Aroclor-1232	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
Aroclor-1242	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
Aroclor-1248	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
Aroclor-1254	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
Aroclor-1260	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
Aroclor-1262	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
Aroclor-1268	0.1	1	1	1	25	ND	0.028	ND	0.029	ND	0.029
SVOCs											
1,1'-Biphenyl						ND	0.037	ND	0.038	ND	0.039
1,2,4,5-Tetrachlorobenzene						ND	0.037	ND	0.038	ND	0.039
1,4-Dioxane	0.1	9.8	13	130	250	ND	0.0093	ND	0.0096	ND	0.0097
2,3,4,6-Tetrachlorophenol						ND	0.037	ND	0.038	ND	0.039
2,4,5-Trichlorophenol						ND	0.037	ND	0.038	ND	0.039

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SB-9		SB-10		SB-8	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial							
Analyte	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	Result	RL	Result	RL	Result	RL
2,4,6-Trichlorophenol						ND	0.037	ND	0.038	ND	0.039
2,4-Dichlorophenol						ND	0.0093	ND	0.0096	ND	0.0097
2,4-Dimethylphenol						ND	0.012	ND	0.012	ND	0.013
2,4-Dinitrophenol						ND	0.19	ND	0.19	ND	0.19
2,4-Dinitrotoluene						ND	0.037	ND	0.038	ND	0.039
2,6-Dinitrotoluene						ND	0.037	ND	0.038	ND	0.039
2-Chloronaphthalene						ND	0.037	ND	0.038	ND	0.039
2-Chlorophenol						ND	0.037	ND	0.038	ND	0.039
2-Methylnaphthalene						ND	0.037	ND	0.038	ND	0.039
2-Methylphenol	0.33	100	100	500	1000	ND	0.012	ND	0.012	ND	0.012
2-Nitroaniline						ND	0.037	ND	0.038	ND	0.039
2-Nitrophenol						ND	0.037	ND	0.038	ND	0.039
3&4-Methylphenol	0.33	34	100	500	1000	ND	0.011	ND	0.012	ND	0.012
3,3'-Dichlorobenzidine						ND	0.037	ND	0.038	ND	0.039
3-Nitroaniline						ND	0.037	ND	0.038	ND	0.039
4,6-Dinitro-2-methylphenol						ND	0.19	ND	0.19	ND	0.19
4-Bromophenyl-phenylether						ND	0.037	ND	0.038	ND	0.039
4-Chloro-3-methylphenol						ND	0.037	ND	0.038	ND	0.039
4-Chloroaniline						ND	0.010	ND	0.010	ND	0.011
4-Chlorophenyl-phenylether						ND	0.037	ND	0.038	ND	0.039
4-Nitroaniline						ND	0.037	ND	0.038	ND	0.039
4-Nitrophenol						ND	0.037	ND	0.038	ND	0.039
Acenaphthene	20	100	100	500	1000	ND	0.037	ND	0.038	ND	0.039
Acenaphthylene	100	100	100	500	1000	ND	0.037	ND	0.038	ND	0.039
Acetophenone						ND	0.037	ND	0.038	ND	0.039
Anthracene	100	100	100	500	1000	ND	0.037	ND	0.038	ND	0.039
Atrazine						ND	0.037	ND	0.038	ND	0.039
Benzaldehyde						ND	0.037	ND	0.038	ND	0.039
Benzo[a]anthracene	1	1	1	5.6	11	0.083	0.037	ND	0.038	ND	0.039
Benzo[a]pyrene	1	1	1	1	1.1	0.096	0.037	ND	0.038	ND	0.039
Benzo[b]fluoranthene	1	1	1	5.6	11	0.12	0.037	ND	0.038	ND	0.039
Benzo[g,h,i]perylene	100	100	100	500	1000	0.086	0.037	ND	0.038	ND	0.039
Benzo[k]fluoranthene	0.8	1	3.9	56	110	0.040	0.037	ND	0.038	ND	0.039
bis(2-Chloroethoxy)methane						ND	0.037	ND	0.038	ND	0.039
bis(2-Chloroethyl)ether						ND	0.014	ND	0.015	ND	0.015
bis(2-Chloroisopropyl)ether						ND	0.037	ND	0.038	ND	0.039
bis(2-Ethylhexyl)phthalate						ND	0.037	ND	0.038	ND	0.039
Butylbenzylphthalate						ND	0.037	ND	0.038	ND	0.039
Caprolactam						ND	0.037	ND	0.038	ND	0.039
Carbazole						ND	0.037	ND	0.038	ND	0.039
Chrysene	1	1	3.9	56	110	0.11	0.037	ND	0.038	ND	0.039

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SB-9		SB-10		SB-8	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial							
Analyte	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	Result	RL	Result	RL	Result	RL
Dibenzo[a,h]anthracene	0.33	0.33	0.33	0.56	1.1	ND	0.037	ND	0.038	ND	0.039
Dibenzofuran	7	14	59	350	1000	0.0097	0.0097	ND	0.010	ND	0.010
Diethylphthalate						ND	0.037	ND	0.038	ND	0.039
Dimethylphthalate						ND	0.037	ND	0.038	ND	0.039
Di-n-butylphthalate						ND	0.017	ND	0.017	ND	0.018
Di-n-octylphthalate						ND	0.037	ND	0.038	ND	0.039
Fluoranthene	100	100	100	500	1000	0.12	0.037	ND	0.038	ND	0.039
Fluorene	30	100	100	500	1000	ND	0.037	ND	0.038	ND	0.039
Hexachlorobenzene	0.33	0.33	1.2	6	12	ND	0.037	ND	0.038	ND	0.039
Hexachlorobutadiene						ND	0.037	ND	0.038	ND	0.039
Hexachlorocyclopentadiene						ND	0.12	ND	0.13	ND	0.13
Hexachloroethane						ND	0.037	ND	0.038	ND	0.039
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	0.057	0.037	ND	0.038	ND	0.039
Isophorone						ND	0.037	ND	0.038	ND	0.039
Naphthalene	12	100	100	500	1000	0.017	0.0093	ND	0.0096	ND	0.0097
Nitrobenzene						ND	0.037	ND	0.038	ND	0.039
N-Nitroso-di-n-propylamine						ND	0.010	ND	0.011	ND	0.011
N-Nitrosodiphenylamine						ND	0.037	ND	0.038	ND	0.039
Pentachlorophenol	0.8	2.4	6.7	6.7	55	ND	0.19	ND	0.19	ND	0.19
Phenanthrene	100	100	100	500	1000	0.089	0.037	ND	0.038	ND	0.039
Phenol	0.33	100	100	500	1000	ND	0.037	ND	0.038	ND	0.039
Pyrene	100	100	100	500	1000	0.13	0.037	ND	0.038	ND	0.039
VOCs											
1,1,1-Trichloroethane	0.68	100	100	500	1000	ND	0.0019	ND	0.0022	ND	0.0022
1,1,2,2-Tetrachloroethane						ND	0.0019	ND	0.0022	ND	0.0022
1,1,2-Trichloro-1,2,2-trifluoroethane						ND	0.0019	ND	0.0022	ND	0.0022
1,1,2-Trichloroethane						ND	0.0019	ND	0.0022	ND	0.0022
1,1-Dichloroethane	0.27	19	26	240	480	ND	0.0019	ND	0.0022	ND	0.0022
1,1-Dichloroethene	0.33	100	100	500	1000	ND	0.0019	ND	0.0022	ND	0.0022
1,2,3-Trichlorobenzene						ND	0.0019	ND	0.0022	ND	0.0022
1,2,4-Trichlorobenzene						ND	0.0019	ND	0.0022	ND	0.0022
1,2-Dibromo-3-chloropropane						ND	0.0019	ND	0.0022	ND	0.0022
1,2-Dibromoethane						ND	0.00093	ND	0.0011	ND	0.0011
1,2-Dichlorobenzene	1.1	100	100	500	1000	ND	0.0019	ND	0.0022	ND	0.0022
1,2-Dichloroethane	0.02	2.3	3.1	30	60	ND	0.0019	ND	0.0022	ND	0.0022
1,2-Dichloropropane						ND	0.0019	ND	0.0022	ND	0.0022
1,3-Dichlorobenzene	2.4	17	49	280	560	ND	0.0019	ND	0.0022	ND	0.0022
1,3-Dichloropropene (Total)						ND	0.0019	ND	0.0022	ND	0.0022
1,4-Dichlorobenzene	1.8	9.8	13	130	250	ND	0.0019	ND	0.0022	ND	0.0022
1,4-Dioxane	0.1	9.8	13	130	250	ND	0.093	ND	0.11	ND	0.11
2-Butanone	0.12	100	100	500	1000	ND	0.0019	ND	0.0022	ND	0.0022

TABLE 1

Central Terminal Site
Soil Data Summary
Brownfield Cleanup Program

						CLIENT ID:	SB-9		SB-10		SB-8	
						COLLECTION DATE:	8/27/2024		8/27/2024		8/27/2024	
						SAMPLE MATRIX:	Soil		Soil		Soil	
						SAMPLE UNITS:	mg/Kg		mg/Kg		mg/Kg	
	Unrestricted	Residential	Restricted Residential	Commercial	Industrial							
Analyte	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	Result	RL	Result	RL	Result	RL
2-Hexanone						ND	0.0019	ND	0.0022	ND	0.0022
4-Methyl-2-pentanone						ND	0.0019	ND	0.0022	ND	0.0022
Acetone	0.05	100	100	500	1000	ND	0.0093	**0.22**	0.011	**0.082**	0.011
Benzene	0.06	2.9	4.8	44	89	ND	0.00093	ND	0.0011	0.0022	0.0011
Bromochloromethane						ND	0.0019	ND	0.0022	ND	0.0022
Bromodichloromethane						ND	0.0019	ND	0.0022	ND	0.0022
Bromoform						ND	0.0019	ND	0.0022	ND	0.0022
Bromomethane						ND	0.0019	ND	0.0022	ND	0.0022
Carbon disulfide						ND	0.0019	ND	0.0022	ND	0.0022
Carbon tetrachloride	0.76	1.4	2.4	22	44	ND	0.0019	ND	0.0022	ND	0.0022
Chlorobenzene	1.1	100	100	500	1000	ND	0.0019	ND	0.0022	ND	0.0022
Chloroethane						ND	0.0019	ND	0.0022	ND	0.0022
Chloroform	0.37	10	49	350	700	ND	0.0019	ND	0.0022	ND	0.0022
Chloromethane						ND	0.0019	ND	0.0022	ND	0.0022
cis-1,2-Dichloroethene	0.25	59	100	500	1000	ND	0.0019	ND	0.0022	ND	0.0022
cis-1,3-Dichloropropene						ND	0.0019	ND	0.0022	ND	0.0022
Cyclohexane						ND	0.0019	ND	0.0022	ND	0.0022
Dibromochloromethane						ND	0.0019	ND	0.0022	ND	0.0022
Dichlorodifluoromethane						ND	0.0019	ND	0.0022	ND	0.0022
Ethylbenzene	1	30	41	390	780	ND	0.00093	ND	0.0011	ND	0.0011
Isopropylbenzene						ND	0.00093	ND	0.0011	ND	0.0011
m&p-Xylenes						ND	0.0013	ND	0.0015	0.040	0.0015
Methyl Acetate						ND	0.0019	ND	0.0022	ND	0.0022
Methylcyclohexane						ND	0.0019	ND	0.0022	ND	0.0022
Methylene chloride	0.05	51	100	500	1000	ND	0.0019	ND	0.0022	ND	0.0022
Methyl-t-butyl ether	0.93	62	100	500	1000	ND	0.00093	ND	0.0011	ND	0.0011
o-Xylene						ND	0.00093	ND	0.0011	ND	0.0011
Styrene						ND	0.0019	ND	0.0022	ND	0.0022
Tetrachloroethene	1.3	5.5	19	150	300	ND	0.0019	ND	0.0022	ND	0.0022
Toluene	0.7	100	100	500	1000	ND	0.00093	ND	0.0011	ND	0.0011
trans-1,2-Dichloroethene	0.19	100	100	500	1000	ND	0.0019	ND	0.0022	ND	0.0022
trans-1,3-Dichloropropene						ND	0.0019	ND	0.0022	ND	0.0022
Trichloroethene	0.47	10	21	200	400	ND	0.0019	ND	0.0022	ND	0.0022
Trichlorofluoromethane						ND	0.0019	ND	0.0022	ND	0.0022
Vinyl chloride	0.02	0.21	0.9	13	27	ND	0.0019	ND	0.0022	ND	0.0022
Xylenes (Total)	0.26	100	100	500	1000	ND	0.00093	ND	0.0011	0.040	0.0011
Wet Chemistry											
% Solids					NA	9(Percent)		85(Percent)		85(Percent)	

ATTACHMET A
Soil Boring Logs

C&S Engineers, Inc.	BORING LOG	Boring No.	SB-1
141 Elm Street		Sheet 1 of:	
Buffalo, New York 14203		Project No.:	AS3
Phone: 716-847-1630		Surface Elev.:	
Fax: 716-847-1454		Datum:	
		Start Date:	8/27/24
		Finish Date:	
		Inspector:	RB

Project Name:	Central Terminal Restoration						
Location:	495 Paderewski Drive						
Client:							
Drilling Firm:	NW						
Groundwater	Depth	Date & Time	Drill Rig:				
While Drilling:			Casing:		Rock Core:		Undist:
Before Casing Removal:			Sampler:		Other:		
After Casing Removal:			Hammer:				

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse, m - medium, f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50%, s - some - 20-35%, l - little - 10-20%, t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-24" Fine silt with fill material throughout	
2					0.9 ppm
3				24'-48" Black silt with fill amterial throughout	
4					0.5 ppm
5				48"-60" Large angular gravel and fill material	
6				0"-12" Large anuglar gravel and fill material	
7					
8					
9				12"-60" fill material/glass/ and gravel through dense dark brown clay	
10					
11				0"-12" Light gray clay and fill material throughout	
12					0.1 ppm
13					
14				12"-60" Dense light brown clay	
15					
16				* End boring at 15 '	
17				*Native clay material at roughly 10'-11'	
18				* Sample collected at 10'	
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	BORING LOG	Boring No.	SB-2
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							Surface Elev.:	
Location:	495 Paderewski Drive							Datum:	
Client:								Start Date:	8/27/24
Drilling Firm:	NW							Finish Date:	
Groundwater	Depth	Date & Time	Drill Rig:					Inspector:	RB
While Drilling:			Casing:		Rock Core:		Undist:		
Before Casing Removal:			Sampler:		Other:				
After Casing Removal:			Hammer:						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION c - coarse, m - medium, f - fine a - and - 35-50%, s - some - 20-35%, l - little - 10-20%, t - trace - 0-10% S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1					
2				0"-12" Black sandy silt and fill material	0.1 ppm
3				12:-48" Large angular gravel and fill material	
4					
5				48"-60" Dark gray silty clay	0.1 ppm
6					
7					
8				0"-60" Dense light brown clay	0.0 ppm
9					
10					
11				* Boring ended at 10'	
12				* Native Dense clay observed at 6'	
13				* Sample collected at 4'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-3**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater		*Depth*	*Date & Time*	*Drill Rig:*				*Inspector:*	RB
While Drilling:				*Casing:*		*Rock Core:*		*Undist:*	
Before Casing Removal:				*Sampler:*		*Other:*			
After Casing Removal:				*Hammer:*					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-8" Concrete	0.4 ppm
2					
3				8"-24" Black silty clay and fill material	
					0.6 ppm
4				24"-60" Dense light brown clay and gravel	
5					
6				0"-12" Dark brown silty clay	
7					
8				12"-60" Dense light brown clay and large gravel at 36"	0.7 ppm
9					
10					
11				* Boring ended at 10'	
12				* Samp;le collected at 4'	
13				* Native material observed at roughly 6'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-4**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*					*Inspector:*	RB
While Drilling:			*Casing:*		*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*		*Other:*				
After Casing Removal:			*Hammer:*						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-8" Concrete	3.7 ppm
2					
3				8"-24" Black fill material and silt	
4					0.8 ppm
5				24"-60" Dense light brown clay some angular gravel	
6					1.3 ppm
7					
8				0" - 60" Light gray silty dense clay	
9					1.0 ppm
10					
11				* Bolring ended at 10'	
12				* Boring in lcoation of old hydraulics, visible sitting oil	
13				* Native material ~ 5' * No Sample coollected	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	BORING LOG	Boring No.	SB-5
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							Surface Elev.:	
Location:	495 Paderewski Drive							Datum:	
Client:								Start Date:	8/27/24
Drilling Firm:	NW							Finish Date:	
Groundwater	Depth	Date & Time	Drill Rig:					Inspector:	RB
While Drilling:			Casing:		Rock Core:		Undist:		
Before Casing Removal:			Sampler:		Other:				
After Casing Removal:			Hammer:						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"- 8' Concrete	5.8 ppm
2					
3				8"-24" Black silt and fill material and angular gravel	
4					376.0 ppm
5				24"-60" Dark brown silty clay and angular gravel	
6					26.0 ppm
7					
8				0"-60" Light gray silty clay	
9					78.0 ppm
10					
11				* Boring ended at 10'	
12				* Boring located near hydraulics * Visible sitting oil	
13				* Sample collected at 5'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-6**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Cnetral Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater		*Depth*	*Date & Time*	*Drill Rig:*				*Inspector:*	RB
While Drilling:				*Casing:*		*Rock Core:*		*Undist:*	
Before Casing Removal:				*Sampler:*		*Other:*			
After Casing Removal:				*Hammer:*					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-8" Concrete	1.8 ppm
2					
3				8"-36" Black silt and fill material	
4					0.8 ppm
5				36"-60" Dark brown silty clay	
6					0.6 ppm
7				0"-60" Dense Light Brown clay	
8					
9					0.7 ppm
10					
11				*Boring ended at 10'	
12				* Boring located near hydraulics	
13				* Visible sitting oil	
14				* No sample collected.	
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-7**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*					*Inspector:*	RB
While Drilling:			*Casing:*		*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*		*Other:*				
After Casing Removal:			*Hammer:*						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-12" Gravel and fill material	0.5 ppm
2					
3				12"-26" Dense brown silt and fill material	
4					0.5 ppm
5				26"-60" Dense light brown clay and gravel and fill material	
6				0"-36" Dense light brown clay	0.2 ppm
7					
8				36"-40" Large angular gravel	
9					0.4 ppm
10				40"-60" Soft sandy light brown clay	
11				* Boring ended at 10'	
12				* No sample collected from boring	
13				* Native material observed at roughly - 6'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-8**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*					*Inspector:*	RB
While Drilling:			*Casing:*		*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*		*Other:*				
After Casing Removal:			*Hammer:*						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-24" Fill material and concrete	0.8 ppm
2					
3					
4				24"-60" Dark brown silty clay and fill material	0.0 ppm
5					
6					
7				0"-60" Dense light brown clay	0.0 ppm
8					
9					
10					
11				* Boring ended at 10'	
12				*Sample coillected at 5'	
13				* Native material observed at roughly - 6'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-9**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*					*Inspector:*	RB
While Drilling:			*Casing:*		*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*		*Other:*				
After Casing Removal:			*Hammer:*						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-10" Gravel and fill material	
2					0.2 ppm
3				10"-36" Black silt and fill material/ glass and brick	
4					0.2 ppm
5				36"-60" Dense dark brown silty clay and angular gravel	
6					
7					
8				0"-60" Dense light brown clay	0.0 ppm
9					
10					
11				* Boring ended at 10'	
12				* Sample collected at 3'	
13				* Native material observed at roughly 6'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-10**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater		*Depth*	*Date & Time*	*Drill Rig:*				*Inspector:*	RB
While Drilling:				*Casing:*		*Rock Core:*		*Undist:*	
Before Casing Removal:				*Sampler:*		*Other:*			
After Casing Removal:				*Hammer:*					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-12" Black silt and fill material	03 ppm
2					
3				12"-36" Black silty clay and fill material	
4					
5				36"-60" Dense light brown clay	0.0 ppm
6					
7				0"-60" Dense light brown clay	0.0 ppm
8					
9					
10					
11				* Boring ended at 10'	
12				*Sample coillected at 3'	
13				* Native material observed at roughly5'- 6'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-11**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							***Surface Elev.:***	
Location:	495 Paderewski Drive							***Datum:***	
Client:								***Start Date:***	8/27/24
Drilling Firm:	NW							***Finish Date:***	
Groundwater	***Depth***	***Date & Time***	***Drill Rig:***					***Inspector:***	RB
While Drilling:			***Casing:***		***Rock Core:***		***Undist:***		
Before Casing Removal:			***Sampler:***		***Other:***				
After Casing Removal:			***Hammer:***						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-24" Black silt and fill material	0.2 ppm
2					
3					
4				24"-60" Dense light brown silty clay	0.0 ppm
5					
6					
7				0"-60" Dense light brown clay	0.0 ppm
8					
9					
10					
11				* Boring ended at 10'	
12				* No Sample collected	
13				* Native material observed at roughly5'- 6'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-13**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*					*Inspector:*	RB
While Drilling:			*Casing:*		*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*		*Other:*				
After Casing Removal:			*Hammer:*						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-12" Black silt	0.2 ppm
2					
3				12"-30" Silty bornw clay and fill material	
4					0.3 ppm
5				30"-60" Dark brown silty clay and gravel	
6					
7					
8				0"-60" Dense light brown clay	0.0 ppm
9					
10					
11				* Boring ended at 10'	
12				* Sample collected at 5'	
13				* Native clay obsered at 6'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	Boring No.	SB-14
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							Surface Elev.:	
Location:	495 Paderewski Drive							Datum:	
Client:								Start Date:	8/27/24
Drilling Firm:	NW							Finish Date:	
Groundwater	Depth	Date & Time	Drill Rig:					Inspector:	RB
While Drilling:			Casing:		Rock Core:		Undist:		
Before Casing Removal:			Sampler:		Other:				
After Casing Removal:			Hammer:						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-12" fine silt and large angular gravel	0.4 ppm
2					
3				12"-36" Black silt and fill material	
					0.4 ppm
4				36"-60" Dark brown silty clay	
5					
6				0"-48" Light brown dense clay	0.4 ppm
7					
8					
9				48"-60" Dark brown clay and gravel	0.4 ppm
10					
11				* Boring ended at 10'	
12				* Sample collected at 4'	
13				* Native clay observed at roughly 6'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-15**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*					*Inspector:*	RB
While Drilling:			*Casing:*		*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*		*Other:*				
After Casing Removal:			*Hammer:*						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1					
2				0"-10" asphalt and concrete fill material	0.0 ppm
3				10"-36" fill material and light brown silt	
4				36"-60" dark black silty clay and fill material	0.0 ppm
5					
6				0"-12" Dark black silty clay	0.0 ppm
7					
8					
9				12"-60" Dense light brown clay	0.0 ppm
10					
11				* Boring ended at 10'	
12				* Sample collected at 5'	
13				* Native material observed at 6'-7'	
14					
15					
16					
17					
18					
19					
20					
21					
22					

C&S COMPANIES	C&S Engineers, Inc. 141 Elm Street Buffalo, New York 14203 Phone: 716-847-1630 Fax: 716-847-1454	**BORING LOG**	*Boring No.*	**SB-16**
			Sheet 1 of:	
			Project No.:	AS3

Project Name:	Central Terminal Restoration							*Surface Elev.:*	
Location:	495 Paderewski Drive							*Datum:*	
Client:								*Start Date:*	8/27/24
Drilling Firm:	NW							*Finish Date:*	
Groundwater	*Depth*	*Date & Time*	*Drill Rig:*					*Inspector:*	RB
While Drilling:			*Casing:*		*Rock Core:*		*Undist:*		
Before Casing Removal:			*Sampler:*		*Other:*				
After Casing Removal:			*Hammer:*						

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	c - coarse m - medium f - fine **MATERIAL DESCRIPTION** S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	**COMMENTS** (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1					* Little recovery
				0"-6" Ashpahlt and concrete	
2					
3				6"-60" Fill material angular gravel and silt	0.0 ppm
4					
5					
6				0"-12" Fill and large angular gravel and clay	
7				12"-36" Light brown sandy clay	
					0.0 ppm
8				* Boring hit refusal at 8'	
9					
10					
11				* Natiuve material observed around 7'	
				* Sample collected at 6'	
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

ATTACHMET B
NYSDEC Spill Memo

Memo

To: Francine Gallego, NYSDEC

From: Richard Backert, Project Environmental Scientist

September 17, 2024

Re: Central Terminal Restoration
Spill # 2404978
Potential for Contaminated Materials and Hazardous Substances

A potential spill was observed during a Limited Environmental Investigation for the proposed Central Terminal Restoration Project, located in the City of Buffalo, Erie County, New York. The Project Area includes the Central Terminal Complex and the surrounding grounds which is bordered by a railway and residential properties. The location / extent of the Project Area is shown in the provided **Figure.** The objective of the investigation was to provide further information on the Site's environmental condition to enter the Site into the Brownfield Cleanup Program.

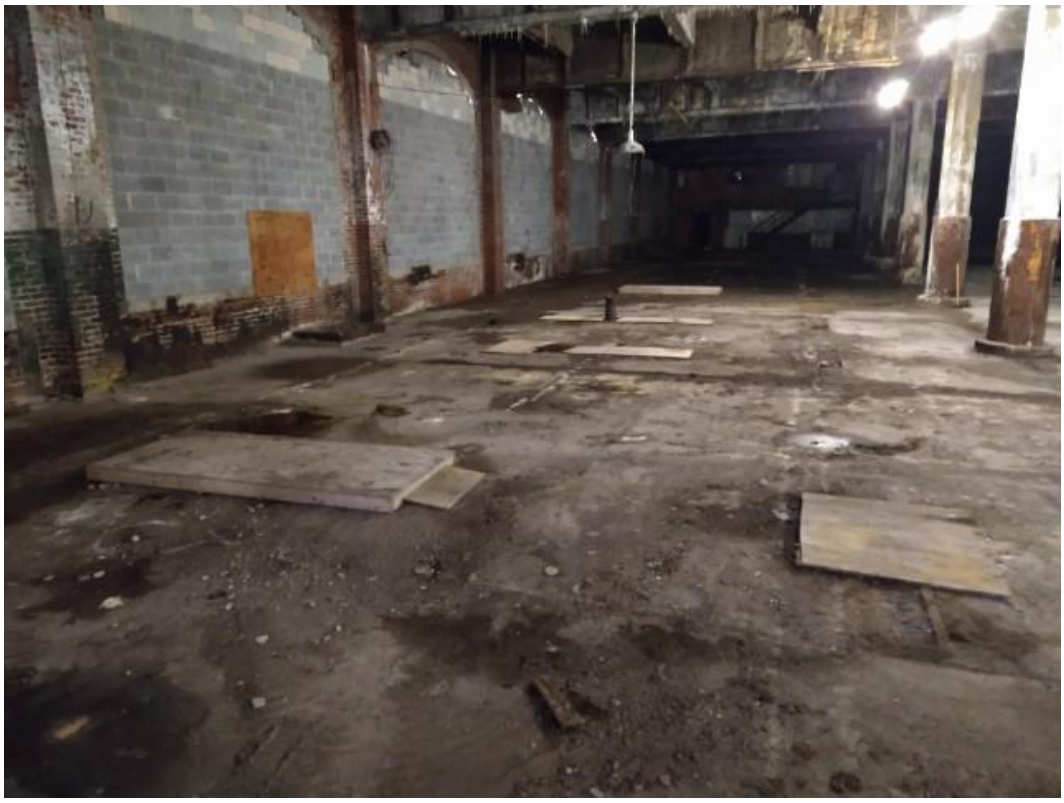
During the investigation potentially impacted standing water and oil was observed in the maintenance garage located under the Central Terminal Building in the location of former hydraulic lifts that are no longer in use. The area contained up to five pits in the hydraulic lift area that all contained standing water and oil. The observation of the pits containing impacted water lead C&S to advance three soil borings in the vicinity of the hydraulic lift area. Out of the three borings that were advanced one sample was collected from the borings. Boring SB-5 was sampled and was located relatively in the middle of the hydraulic lifts and appeared to be the most impacted soil boring out of the three borings that were advanced. The location of SB-5 can be observed in the provided **Figure**. The lab results were received from the lab and the results can be observed in **Table 1**. C&S verbally informed NYSDEC of the potential spill onsite and volunteers from the Central Terminal Building have temporarily covered the hydraulic pits onsite. A picture of the hydraulic lifts area and the covered pits in the maintenance garage was taken on August 31, 2024 and can be observed at the end of this report.

The intent is to enter the site into the Brownfield Cleanup Program by the end of 2024. Further remedial investigation and cleanup of the hydraulic lift area will be covered under the Brownfield Cleanup Program.

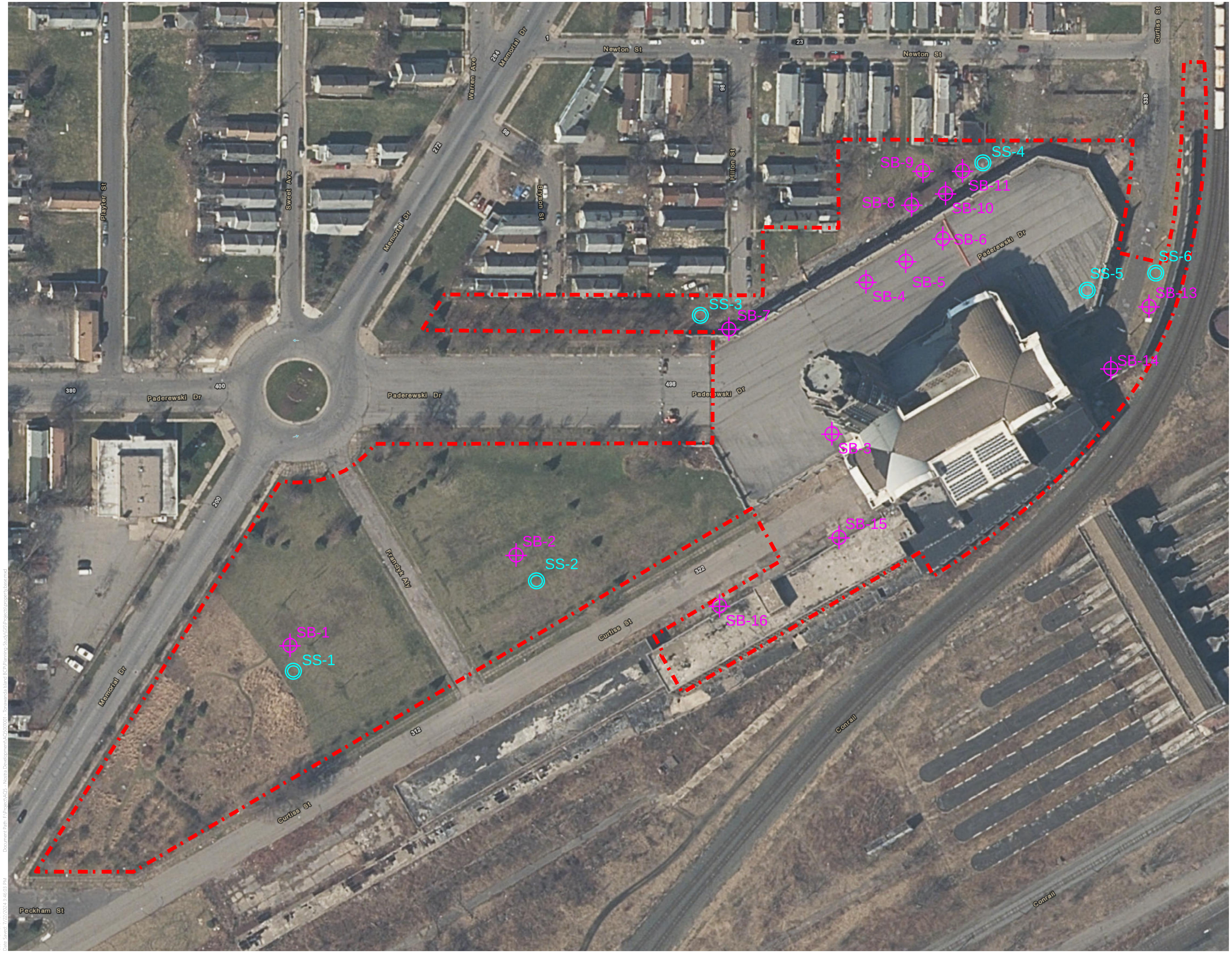
Buffalo Central Terminal
August 31, 2024

Owner covered potentially contaminated areas in the Parking Garage as directed by DEC.

Spill # 2404978



Figure



C&S COMPANIES®

Figure 0

Pre-BCP Sampling Plan

Property Boundary

N

0 60 120 240 Feet

1 in. = 120 feet
When printed at 11 in. by 17 in.

Central Terminal Site
Brownfield Cleanup Program

Sources: . Created by C&S Engineers, Inc.

Table

Table 1
SB- 5 Subsurface Results

SAMPLE ID							SB-5	
LAB ID							AD46656-012	
SAMPLING DATE							8/27/2024	
SAMPLE TYPE							Soil	
Analyte	Unrestricted Use	Residential Use	Restricted Residential Use	Commercial Use	Industrial Use	**Units**	**Result**	**RL**
Metals								
Mercury	0.18	0.81	0.81	2.8	5.7	mg/kg	ND	0.097
Aluminum	NA	NA	NA	NA	NA	mg/kg	11,000	23
Antimony	NA	NA	NA	NA	NA	mg/kg	ND	0.35
Arsenic	13	16	16	16	16	mg/kg	2.2	0.23
Barium	350	350	400	400	10,000	mg/kg	83	0.58
Beryllium	7.2	14	72	590	2,700	mg/kg	0.45	0.12
Cadmium	2.5	2.5	4.3	9.3	60	mg/kg	ND	0.23
Calcium	NA	NA	NA	NA	NA	mg/kg	89,000	580
Chromium	1	22	110	400	800	mg/kg	17	0.23
Cobalt	NA	NA	NA	NA	NA	mg/kg	9.4	0.23
Copper	50	270	270	270	10,000	mg/kg	13	1.2
Iron	NA	NA	NA	NA	NA	mg/kg	17,000	35
Lead	63	400	400	1,000	3900	mg/kg	13	0.35
Magnesium	NA	NA	NA	NA	NA	mg/kg	32,000	120
Manganese	1,600	2000	2,000	10,000	10,000	mg/kg	550	1.2
Nickel	30	140	310	310	10,000	mg/kg	21	1.2
Potassium	NA	NA	NA	NA	NA	mg/kg	1,700	120
Selenium	3.9	36	180	1,500	6,800	mg/kg	2.7	1.2
Silver	2	36	180	1,500	6,800	mg/kg	ND	0.23
Sodium	NA	NA	NA	NA	NA	mg/kg	330	120
Thallium	NA	NA	NA	NA	NA	mg/kg	ND	0.23
Vanadium	NA	NA	NA	NA	NA	mg/kg	20	0.23
Zinc	109	2200	10,000	10,000	10,000	mg/kg	71	4.7
PCBs								
Aroclor (Total)	0.1	1	1	1	1	mg/kg	ND	0.029
SemiVolatiles								
1,1'-Biphenyl	NA	NA	NA	NA	NA	mg/kg	ND	0.038
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	mg/kg	ND	0.038
1,4-Dioxane	0.1	NA	13	130	NA	mg/kg	ND	0.0095
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	mg/kg	ND	0.038
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	mg/kg	ND	0.038
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	mg/kg	ND	0.038
2,4-Dichlorophenol	NA	NA	NA	NA	NA	mg/kg	ND	0.0095
2,4-Dimethylphenol	NA	NA	NA	NA	NA	mg/kg	ND	0.012
2,4-Dinitrophenol	NA	NA	NA	NA	NA	mg/kg	ND	0.19
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	mg/kg	ND	0.038
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	mg/kg	ND	0.038
2-Chloronaphthalene	NA	NA	NA	NA	NA	mg/kg	ND	0.038
2-Chlorophenol	NA	NA	NA	NA	NA	mg/kg	ND	0.038
2-Methylnaphthalene	NA	NA	NA	NA	NA	mg/kg	0.25	0.038
2-Methylphenol	0.33	NA	100	500	NA	mg/kg	ND	0.012
2-Nitroaniline	NA	NA	NA	NA	NA	mg/kg	ND	0.038
2-Nitrophenol	NA	NA	NA	NA	NA	mg/kg	ND	0.038
3&4-Methylphenol	0.33	NA	100	500	NA	mg/kg	ND	0.012
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	mg/kg	ND	0.038
3-Nitroaniline	NA	NA	NA	NA	NA	mg/kg	ND	0.038
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	mg/kg	ND	0.19
4-Bromophenyl-phenylether	NA	NA	NA	NA	NA	mg/kg	ND	0.038
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	mg/kg	ND	0.038
4-Chloroaniline	NA	NA	NA	NA	NA	mg/kg	ND	0.010
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA	mg/kg	ND	0.038
4-Nitroaniline	NA	NA	NA	NA	NA	mg/kg	ND	0.038
4-Nitrophenol	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Acenaphthene	20	100	100	500	1,000	mg/kg	ND	0.038
Acenaphthylene	100	100	100	500	1,000	mg/kg	ND	0.038
Acetophenone	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Anthracene	100	100	100	500	1,000	mg/kg	ND	0.038
Atrazine	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Benzaldehyde	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Benzo[a]anthracene	1	1	1	5.6	11	mg/kg	ND	0.038
Benzo[a]pyrene	1	1	1	1	1.1	mg/kg	ND	0.038
Benzo[b]fluoranthene	1	1	1	5.6	11	mg/kg	ND	0.038
Benzo[g,h,i]perylene	100	100	100	500	1,000	mg/kg	ND	0.038
Benzo[k]fluoranthene	0.8	1	3.9	56	110	mg/kg	ND	0.038
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	mg/kg	ND	0.038
bis(2-Chloroethyl)ether	NA	NA	NA	NA	NA	mg/kg	ND	0.015
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	NA	mg/kg	ND	0.038
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Butylbenzylphthalate	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Caprolactam	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Carbazole	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Chrysene	1	1	3.9	56	110	mg/kg	ND	0.038
Dibenzo[a,h]anthracene	0.33	0.33	0.33	0.56	1.1	mg/kg	ND	0.038
Dibenzofuran	7	NA	59	350	NA	mg/kg	ND	0.0099
Diethylphthalate	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Dimethylphthalate	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Di-n-butylphthalate	NA	NA	NA	NA	NA	mg/kg	ND	0.017
Di-n-octylphthalate	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Fluoranthene	100	100	100	500	1,000	mg/kg	ND	0.038
Fluorene	30	100	100	500	1,000	mg/kg	ND	0.038
Hexachlorobenzene	0.33	NA	1.2	6	NA	mg/kg	ND	0.038
Hexachlorobutadiene	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	mg/kg	ND	0.13
Hexachloroethane	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	mg/kg	ND	0.038
Isophorone	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Naphthalene	12	100	100	500	1,000	mg/kg	0.096	0.0095
Nitrobenzene	NA	NA	15	69	NA	mg/kg	ND	0.038
N-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	mg/kg	ND	0.011
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	mg/kg	ND	0.038
Pentachlorophenol	0.8	2.4	6.7	6.7	55	mg/kg	ND	0.19
Phenanthrene	100	100	100	500	1,000	mg/kg	ND	0.038
Phenol	0.33	100	100	500	1,000	mg/kg	ND	0.038
Pyrene	100	100	100	500	1,000	mg/kg	ND	0.038
Volatiles								
1,1,1-Trichloroethane	0.68	100	100	500	1,000	mg/kg	ND	0.0021
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
1,2-Trichloro-1,2,2-trifluoretha	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
1,1-Dichloroethane	0.27	19	26	240	480	mg/kg	ND	0.0021
1,1-Dichloroethene	0.33	100	100	500	1,000	mg/kg	ND	0.0021
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
1,2-Dibromoethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0010
1,2-Dichlorobenzene	1.1	100	100	500	1,000	mg/kg	ND	0.0021
1,2-Dichloroethane	0.02	2.3	3.1	30	60	mg/kg	ND	0.0021
1,2-Dichloropropane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
1,3-Dichlorobenzene	2.4	17	49	280	560	mg/kg	ND	0.0021
1,3-Dichloropropene (Total)	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
1,4-Dichlorobenzene	1.8	9.8	13	130	250	mg/kg	ND	0.0021
1,4-Dioxane	0.1	9.8	13	130	250	mg/kg	ND	0.10
2-Butanone	0.12	NA	100	500	NA	mg/kg	0.012	0.0021
2-Hexanone	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Acetone	0.05	100	100	500	1,000	mg/kg	0.092	0.010
Benzene	0.06	2.9	4.8	44	89	mg/kg	ND	0.0010
Bromochloromethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Bromodichloromethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Bromoform	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Bromomethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Carbon disulfide	NA	NA	NA	NA	NA	mg/kg	0.0039	0.0021
Carbon tetrachloride	0.76	1.4	2.4	22	44	mg/kg	ND	0.0021
Chlorobenzene	1.1	100	100	500	1,000	mg/kg	ND	0.0021
Chloroethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Chloroform	0.37	10	49	350	700	mg/kg	ND	0.0021
Chloromethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
cis-1,2-Dichloroethene	0.25	NA	100	500	NA	mg/kg	ND	0.0021
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Cyclohexane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Dibromochloromethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Dichlorodifluoromethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Ethylbenzene	1	30	41	390	780	mg/kg	ND	0.0010
Isopropylbenzene	NA	NA	NA	NA	NA	mg/kg	ND	0.0010
m&p-Xylenes	0.26	100	100	500	1,000	mg/kg	ND	0.0015
Methyl Acetate	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Methylcyclohexane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Methylene chloride	0.05	51	100	500	1,000	mg/kg	ND	0.0021
Methyl-t-butyl ether	0.93	62	100	500	1,000	mg/kg	ND	0.0010
o-Xylene	0.26	100	100	500	1,000	mg/kg	ND	0.0010
Styrene	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Tetrachloroethene	1.3	5.5	19	150	300	mg/kg	ND	0.0021
Toluene	0.7	100	100	500	1,000	mg/kg	ND	0.0010
trans-1,2-Dichloroethene	0.19	NA	100	500	NA	mg/kg	ND	0.0021
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Trichloroethene	0.47	10	21	200	400	mg/kg	ND	0.0021
Trichlorofluoromethane	NA	NA	NA	NA	NA	mg/kg	ND	0.0021
Vinyl chloride	0.02	0.21	0.9	13	27	mg/kg	ND	0.0021
Xylenes (Total)	0.26	100	100	500	1,000	mg/kg	ND	0.0010
Wet Chemistry								
% Solids	NA		NA	NA			86(Percent)	

Supporting Documentation

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
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www.cscos.com

BORING LOG

Boring No.	**SB-4**
Sheet 1 of:	
Project No.:	AS3
Surface Elev.:	
Datum:	
Start Date:	8/27/24
Finish Date:	
Inspector:	RB

Project Name:	Central Terminal Restoration
Location:	495 Paderewski Drive
Client:	
Drilling Firm:	NW

Groundwater	Depth	Date & Time	Drill Rig:				Undist:	
While Drilling:			**Casing:**		**Rock Core:**			
Before Casing Removal:			**Sampler:**		**Other:**			
After Casing Removal:			**Hammer:**					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION c - coarse, m - medium, f - fine a - and - 35-50%, s - some - 20-35%, l - little - 10-20%, t - trace - 0-10% S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-8" Concrete	3.7 ppm
2					
3				8"-24" Black fill material and silt	
4					0.8 ppm
5				24"-60" Dense light brown clay some angular gravel	
6					1.3 ppm
7					
8				0" - 60" Light gray silty dense clay	
9					1.0 ppm
10					
11				* Bolring ended at 10'	
12				* Boring in lcoation of old hydraulics, visible sitting oil	
13				* Native material ~ 5' * No Sample coollected	
14					
15					
16					
17					
18					
19					
20					
21					
22					

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BORING LOG

Boring No.	**SB-5**
Sheet 1 of:	
Project No.:	AS3
Surface Elev.:	
Datum:	
Start Date:	8/27/24
Finish Date:	
Inspector:	RB

Project Name:	Central Terminal Restoration							
Location:	495 Paderewski Drive							
Client:								
Drilling Firm:	NW							
Groundwater	**Depth**	**Date & Time**	**Drill Rig:**					
While Drilling:			**Casing:**		**Rock Core:**		**Undist:**	
Before Casing Removal:			**Sampler:**		**Other:**			
After Casing Removal:			**Hammer:**					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION c - coarse, m - medium, f - fine S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50%, s - some - 20-35%, l - little - 10-20%, t - trace - 0-10%	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"- 8' Concrete	5.8 ppm
2					
3				8"-24" Black silt and fill material and angular gravel	
4					376.0 ppm
5				24"-60" Dark brown silty clay and angular gravel	
6					26.0 ppm
7					
8				0"-60" Light gray silty clay	
9					78.0 ppm
10					
11				* Boring ended at 10'	
12				* Boring located near hydraulics * Visible sitting oil * Sample collected at 5'	
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

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BORING LOG

Boring No.	**SB-6**
Sheet 1 of:	
Project No.:	AS3
Surface Elev.:	
Datum:	
Start Date:	8/27/24
Finish Date:	
Inspector:	RB

Project Name:	Cnetral Terminal Restoration							
Location:	495 Paderewski Drive							
Client:								
Drilling Firm:	NW							
Groundwater	**Depth**	**Date & Time**	**Drill Rig:**					
While Drilling:			**Casing:**		**Rock Core:**		**Undist:**	
Before Casing Removal:			**Sampler:**		**Other:**			
After Casing Removal:			**Hammer:**					

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION c - coarse, m - medium, f - fine S - Sand, $ - Silt, G - Gravel, C - Clay, cly - clayey a - and - 35-50%, s - some - 20-35%, l - little - 10-20%, t - trace - 0-10%	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-8" Concrete	1.8 ppm
2					
3				8"-36" Black silt and fill material	
4				36"-60" Dark brown silty clay	0.8 ppm
5					
6					0.6 ppm
7				0"-60" Dense Light Brown clay	
8					
9					0.7 ppm
10					
11				*Boring ended at 10'	
12				* Boring located near hydraulics * Visible sitting oil * No sample collected.	
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

ATTACHMET C
LABORTORY ANALYTICAL REPORT

Hampton-Clarke Report Of Analysis

Client: C&S Engineering **HC Project #:** 4082904

Project: Central Terminal Restorat

Sample ID: SS-1 **Collection Date: 8/27/2024**
Lab#: AD46656-001 **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**90**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	**1**	**mg/kg**	**0.093**	**0.27**

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	**1**	**mg/kg**	**0.028**	**0.33**
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	**1**	**mg/kg**	**0.028**	**0.18**
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	**1**	**mg/kg**	**0.028**	**0.15**
Aroclor-1268	1	mg/kg	0.028	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	127.17	100	13	171	127	
TCMX-Surrogate	130.10	100	13	171	130	
DCB-Surrogate	143.43	100	10	186	143	
DCB-Surrogate	137.77	100	10	186	138	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	5	mg/kg	0.18	ND
1,2,4,5-Tetrachlorobenzene	5	mg/kg	0.18	ND
1,4-Dioxane	5	mg/kg	0.045	ND
2,3,4,6-Tetrachlorophenol	5	mg/kg	0.18	ND
2,4,5-Trichlorophenol	5	mg/kg	0.18	ND
2,4,6-Trichlorophenol	5	mg/kg	0.18	ND
2,4-Dichlorophenol	5	mg/kg	0.045	ND
2,4-Dimethylphenol	5	mg/kg	0.059	ND
2,4-Dinitrophenol	5	mg/kg	0.91	ND
2,4-Dinitrotoluene	5	mg/kg	0.18	ND
2,6-Dinitrotoluene	5	mg/kg	0.18	ND
2-Chloronaphthalene	5	mg/kg	0.18	ND
2-Chlorophenol	5	mg/kg	0.18	ND
2-Methylnaphthalene	**5**	**mg/kg**	**0.18**	**0.20**
2-Methylphenol	5	mg/kg	0.056	ND
2-Nitroaniline	5	mg/kg	0.18	ND
2-Nitrophenol	5	mg/kg	0.18	ND
3&4-Methylphenol	5	mg/kg	0.055	ND
3,3'-Dichlorobenzidine	5	mg/kg	0.18	ND
3-Nitroaniline	5	mg/kg	0.18	ND
4,6-Dinitro-2-methylphenol	5	mg/kg	0.91	ND
4-Bromophenyl-phenylether	5	mg/kg	0.18	ND
4-Chloro-3-methylphenol	5	mg/kg	0.18	ND
4-Chloroaniline	5	mg/kg	0.049	ND

Sample ID: SS-1 **Collection Date: 8/27/2024**
Lab#: AD46656-001 **Receipt Date: 8/29/2024**
Matrix: Soil

4-Chlorophenyl-phenylether	5	mg/kg	0.18	ND
4-Nitroaniline	5	mg/kg	0.18	ND
4-Nitrophenol	5	mg/kg	0.18	ND
Acenaphthene	**5**	**mg/kg**	**0.18**	**0.19**
Acenaphthylene	5	mg/kg	0.18	ND
Acetophenone	5	mg/kg	0.18	ND
Anthracene	**5**	**mg/kg**	**0.18**	**0.52**
Atrazine	5	mg/kg	0.18	ND
Benzaldehyde	5	mg/kg	0.18	ND
Benzo[a]anthracene	**5**	**mg/kg**	**0.18**	**1.4**
Benzo[a]pyrene	**5**	**mg/kg**	**0.18**	**1.3**
Benzo[b]fluoranthene	**5**	**mg/kg**	**0.18**	**1.9**
Benzo[g,h,i]perylene	**5**	**mg/kg**	**0.18**	**0.63**
Benzo[k]fluoranthene	**5**	**mg/kg**	**0.18**	**0.54**
bis(2-Chloroethoxy)methane	5	mg/kg	0.18	ND
bis(2-Chloroethyl)ether	5	mg/kg	0.069	ND
bis(2-Chloroisopropyl)ether	5	mg/kg	0.18	ND
bis(2-Ethylhexyl)phthalate	**5**	**mg/kg**	**0.18**	**0.19**
Butylbenzylphthalate	5	mg/kg	0.18	ND
Caprolactam	5	mg/kg	0.18	ND
Carbazole	**5**	**mg/kg**	**0.18**	**0.24**
Chrysene	**5**	**mg/kg**	**0.18**	**1.5**
Dibenzo[a,h]anthracene	**5**	**mg/kg**	**0.18**	**0.20**
Dibenzofuran	**5**	**mg/kg**	**0.047**	**0.14**
Diethylphthalate	5	mg/kg	0.18	ND
Dimethylphthalate	5	mg/kg	0.18	ND
Di-n-butylphthalate	5	mg/kg	0.082	ND
Di-n-octylphthalate	5	mg/kg	0.18	ND
Fluoranthene	**5**	**mg/kg**	**0.18**	**2.7**
Fluorene	5	mg/kg	0.18	ND
Hexachlorobenzene	5	mg/kg	0.18	ND
Hexachlorobutadiene	5	mg/kg	0.18	ND
Hexachlorocyclopentadiene	5	mg/kg	0.60	ND
Hexachloroethane	5	mg/kg	0.18	ND
Indeno[1,2,3-cd]pyrene	**5**	**mg/kg**	**0.18**	**0.58**
Isophorone	5	mg/kg	0.18	ND
Naphthalene	**5**	**mg/kg**	**0.045**	**0.15**
Nitrobenzene	5	mg/kg	0.18	ND
N-Nitroso-di-n-propylamine	5	mg/kg	0.051	ND
N-Nitrosodiphenylamine	5	mg/kg	0.18	ND
Pentachlorophenol	5	mg/kg	0.91	ND
Phenanthrene	**5**	**mg/kg**	**0.18**	**2.1**
Phenol	5	mg/kg	0.18	ND
Pyrene	**5**	**mg/kg**	**0.18**	**2.5**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**22**	**5900**
Antimony	**1**	**mg/kg**	**0.33**	**0.78**
Arsenic	**1**	**mg/kg**	**0.22**	**11**
Barium	**1**	**mg/kg**	**0.56**	**130**
Beryllium	**1**	**mg/kg**	**0.11**	**0.48**
Cadmium	**1**	**mg/kg**	**0.22**	**1.1**
Calcium	**1**	**mg/kg**	**110**	**28000**
Chromium	**1**	**mg/kg**	**0.22**	**28**
Cobalt	**1**	**mg/kg**	**0.22**	**6.0**
Copper	**1**	**mg/kg**	**1.1**	**55**
Iron	**1**	**mg/kg**	**33**	**20000**
Lead	**1**	**mg/kg**	**0.33**	**300**
Magnesium	**1**	**mg/kg**	**110**	**6200**
Manganese	**1**	**mg/kg**	**1.1**	**380**

Sample ID: SS-1 **Collection Date:** 8/27/2024
Lab#: AD46656-001 **Receipt Date:** 8/29/2024
Matrix: Soil

Nickel	**1**	**mg/kg**	**1.1**	**21**
Potassium	**1**	**mg/kg**	**110**	**1100**
Selenium	**1**	**mg/kg**	**1.1**	**2.2**
Silver	1	mg/kg	0.22	ND
Sodium	1	mg/kg	110	ND
Thallium	1	mg/kg	0.22	ND
Vanadium	**1**	**mg/kg**	**0.22**	**17**
Zinc	**1**	**mg/kg**	**4.4**	**250**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.98	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	0.98	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.98	mg/kg	0.0022	ND
1,1,2-Trichloroethane	0.98	mg/kg	0.0022	ND
1,1-Dichloroethane	0.98	mg/kg	0.0022	ND
1,1-Dichloroethene	0.98	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	0.98	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	0.98	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	0.98	mg/kg	0.0022	ND
1,2-Dibromoethane	0.98	mg/kg	0.00065	ND
1,2-Dichlorobenzene	0.98	mg/kg	0.0022	ND
1,2-Dichloroethane	0.98	mg/kg	0.0022	ND
1,2-Dichloropropane	0.98	mg/kg	0.0022	ND
1,3-Dichlorobenzene	0.98	mg/kg	0.0022	ND
1,3-Dichloropropene (Total)	0.98	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.98	mg/kg	0.0022	ND
1,4-Dioxane	0.98	mg/kg	0.11	ND
2-Butanone	0.98	mg/kg	0.0022	ND
2-Hexanone	0.98	mg/kg	0.0022	ND
4-Methyl-2-pentanone	0.98	mg/kg	0.0022	ND
Acetone	0.98	mg/kg	0.011	ND
Benzene	0.98	mg/kg	0.0011	ND
Bromochloromethane	0.98	mg/kg	0.0022	ND
Bromodichloromethane	0.98	mg/kg	0.0022	ND
Bromoform	0.98	mg/kg	0.0022	ND
Bromomethane	0.98	mg/kg	0.0022	ND
Carbon disulfide	0.98	mg/kg	0.0022	ND
Carbon tetrachloride	0.98	mg/kg	0.0022	ND
Chlorobenzene	0.98	mg/kg	0.0022	ND
Chloroethane	0.98	mg/kg	0.0022	ND
Chloroform	0.98	mg/kg	0.0022	ND
Chloromethane	0.98	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.98	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	0.98	mg/kg	0.0022	ND
Cyclohexane	0.98	mg/kg	0.0022	ND
Dibromochloromethane	0.98	mg/kg	0.0022	ND
Dichlorodifluoromethane	0.98	mg/kg	0.0022	ND
Ethylbenzene	0.98	mg/kg	0.0011	ND
Isopropylbenzene	0.98	mg/kg	0.0011	ND
m&p-Xylenes	0.98	mg/kg	0.0015	ND
Methyl Acetate	0.98	mg/kg	0.0022	ND
Methylcyclohexane	0.98	mg/kg	0.0022	ND
Methylene chloride	0.98	mg/kg	0.0022	ND
Methyl-t-butyl ether	0.98	mg/kg	0.0011	ND
o-Xylene	0.98	mg/kg	0.0011	ND
Styrene	0.98	mg/kg	0.0022	ND
Tetrachloroethene	0.98	mg/kg	0.0022	ND
Toluene	0.98	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.98	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	0.98	mg/kg	0.0022	ND

Sample ID:	**SS-1**			**Collection Date:**	**8/27/2024**
Lab#:	**AD46656-001**			**Receipt Date:**	**8/29/2024**
Matrix:	**Soil**				

Trichloroethene	0.98	mg/kg	0.0022	ND
Trichlorofluoromethane	0.98	mg/kg	0.0022	ND
Vinyl chloride	0.98	mg/kg	0.0022	ND
Xylenes (Total)	0.98	mg/kg	0.0011	ND

Sample ID: SS-2 **Collection Date: 8/27/2024**
Lab#: AD46656-002 **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**96**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	**1**	**mg/kg**	**0.087**	**0.11**

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	103.69	100	13	171	104	
TCMX-Surrogate	105.15	100	13	171	105	
DCB-Surrogate	111.50	100	10	186	112	
DCB-Surrogate	105.43	100	10	186	105	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	3	mg/kg	0.10	ND
1,2,4,5-Tetrachlorobenzene	3	mg/kg	0.10	ND
1,4-Dioxane	3	mg/kg	0.025	ND
2,3,4,6-Tetrachlorophenol	3	mg/kg	0.10	ND
2,4,5-Trichlorophenol	3	mg/kg	0.10	ND
2,4,6-Trichlorophenol	3	mg/kg	0.10	ND
2,4-Dichlorophenol	3	mg/kg	0.025	ND
2,4-Dimethylphenol	3	mg/kg	0.033	ND
2,4-Dinitrophenol	3	mg/kg	0.51	ND
2,4-Dinitrotoluene	3	mg/kg	0.10	ND
2,6-Dinitrotoluene	3	mg/kg	0.10	ND
2-Chloronaphthalene	3	mg/kg	0.10	ND
2-Chlorophenol	3	mg/kg	0.10	ND
2-Methylnaphthalene	3	mg/kg	0.10	ND
2-Methylphenol	3	mg/kg	0.032	ND
2-Nitroaniline	3	mg/kg	0.10	ND
2-Nitrophenol	3	mg/kg	0.10	ND
3&4-Methylphenol	3	mg/kg	0.031	ND
3,3'-Dichlorobenzidine	3	mg/kg	0.10	ND
3-Nitroaniline	3	mg/kg	0.10	ND
4,6-Dinitro-2-methylphenol	3	mg/kg	0.51	ND
4-Bromophenyl-phenylether	3	mg/kg	0.10	ND
4-Chloro-3-methylphenol	3	mg/kg	0.10	ND
4-Chloroaniline	3	mg/kg	0.027	ND
4-Chlorophenyl-phenylether	3	mg/kg	0.10	ND
4-Nitroaniline	3	mg/kg	0.10	ND
4-Nitrophenol	3	mg/kg	0.10	ND
Acenaphthene	**3**	**mg/kg**	**0.10**	**0.15**
Acenaphthylene	**3**	**mg/kg**	**0.10**	**0.11**
Acetophenone	3	mg/kg	0.10	ND
Anthracene	**3**	**mg/kg**	**0.10**	**0.45**

Sample ID: SS-2 **Collection Date: 8/27/2024**
Lab#: AD46656-002 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	3	mg/kg	0.10	ND
Benzaldehyde	3	mg/kg	0.10	ND
Benzo[a]anthracene	**3**	**mg/kg**	**0.10**	**1.3**
Benzo[a]pyrene	**3**	**mg/kg**	**0.10**	**1.2**
Benzo[b]fluoranthene	**3**	**mg/kg**	**0.10**	**1.6**
Benzo[g,h,i]perylene	**3**	**mg/kg**	**0.10**	**0.70**
Benzo[k]fluoranthene	**3**	**mg/kg**	**0.10**	**0.52**
bis(2-Chloroethoxy)methane	3	mg/kg	0.10	ND
bis(2-Chloroethyl)ether	3	mg/kg	0.039	ND
bis(2-Chloroisopropyl)ether	3	mg/kg	0.10	ND
bis(2-Ethylhexyl)phthalate	**3**	**mg/kg**	**0.10**	**0.16**
Butylbenzylphthalate	3	mg/kg	0.10	ND
Caprolactam	3	mg/kg	0.10	ND
Carbazole	**3**	**mg/kg**	**0.10**	**0.24**
Chrysene	**3**	**mg/kg**	**0.10**	**1.3**
Dibenzo[a,h]anthracene	**3**	**mg/kg**	**0.10**	**0.22**
Dibenzofuran	**3**	**mg/kg**	**0.026**	**0.10**
Diethylphthalate	3	mg/kg	0.10	ND
Dimethylphthalate	3	mg/kg	0.10	ND
Di-n-butylphthalate	3	mg/kg	0.046	ND
Di-n-octylphthalate	3	mg/kg	0.10	ND
Fluoranthene	**3**	**mg/kg**	**0.10**	**2.5**
Fluorene	**3**	**mg/kg**	**0.10**	**0.16**
Hexachlorobenzene	3	mg/kg	0.10	ND
Hexachlorobutadiene	3	mg/kg	0.10	ND
Hexachlorocyclopentadiene	3	mg/kg	0.34	ND
Hexachloroethane	3	mg/kg	0.10	ND
Indeno[1,2,3-cd]pyrene	**3**	**mg/kg**	**0.10**	**0.65**
Isophorone	3	mg/kg	0.10	ND
Naphthalene	**3**	**mg/kg**	**0.025**	**0.068**
Nitrobenzene	3	mg/kg	0.10	ND
N-Nitroso-di-n-propylamine	3	mg/kg	0.028	ND
N-Nitrosodiphenylamine	3	mg/kg	0.10	ND
Pentachlorophenol	3	mg/kg	0.51	ND
Phenanthrene	**3**	**mg/kg**	**0.10**	**1.8**
Phenol	3	mg/kg	0.10	ND
Pyrene	**3**	**mg/kg**	**0.10**	**2.3**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**21**	**8400**
Antimony	**1**	**mg/kg**	**0.31**	**0.42**
Arsenic	**1**	**mg/kg**	**0.21**	**11**
Barium	**1**	**mg/kg**	**0.52**	**99**
Beryllium	**1**	**mg/kg**	**0.10**	**0.61**
Cadmium	**1**	**mg/kg**	**0.21**	**0.53**
Calcium	**1**	**mg/kg**	**100**	**28000**
Chromium	**1**	**mg/kg**	**0.21**	**17**
Cobalt	**1**	**mg/kg**	**0.21**	**6.8**
Copper	**1**	**mg/kg**	**1.0**	**36**
Iron	**1**	**mg/kg**	**31**	**20000**
Lead	**1**	**mg/kg**	**0.31**	**160**
Magnesium	**1**	**mg/kg**	**100**	**8400**
Manganese	**1**	**mg/kg**	**1.0**	**350**
Nickel	**1**	**mg/kg**	**1.0**	**17**
Potassium	**1**	**mg/kg**	**100**	**1200**
Selenium	**1**	**mg/kg**	**1.0**	**2.1**
Silver	1	mg/kg	0.21	ND
Sodium	1	mg/kg	100	ND
Thallium	1	mg/kg	0.21	ND
Vanadium	**1**	**mg/kg**	**0.21**	**19**

Sample ID: SS-2 **Collection Date:** 8/27/2024
Lab#: AD46656-002 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.2**	**130**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1.04	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	1.04	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1.04	mg/kg	0.0022	ND
1,1,2-Trichloroethane	1.04	mg/kg	0.0022	ND
1,1-Dichloroethane	1.04	mg/kg	0.0022	ND
1,1-Dichloroethene	1.04	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	1.04	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	1.04	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	1.04	mg/kg	0.0022	ND
1,2-Dibromoethane	1.04	mg/kg	0.0011	ND
1,2-Dichlorobenzene	1.04	mg/kg	0.0022	ND
1,2-Dichloroethane	1.04	mg/kg	0.0022	ND
1,2-Dichloropropane	1.04	mg/kg	0.0022	ND
1,3-Dichlorobenzene	1.04	mg/kg	0.0022	ND
1,3-Dichloropropene (Total)	1.04	mg/kg	0.0022	ND
1,4-Dichlorobenzene	1.04	mg/kg	0.0022	ND
1,4-Dioxane	1.04	mg/kg	0.11	ND
2-Butanone	1.04	mg/kg	0.0022	ND
2-Hexanone	1.04	mg/kg	0.0022	ND
4-Methyl-2-pentanone	1.04	mg/kg	0.0022	ND
Acetone	1.04	mg/kg	0.011	ND
Benzene	1.04	mg/kg	0.0011	ND
Bromochloromethane	1.04	mg/kg	0.0022	ND
Bromodichloromethane	1.04	mg/kg	0.0022	ND
Bromoform	1.04	mg/kg	0.0022	ND
Bromomethane	1.04	mg/kg	0.0022	ND
Carbon disulfide	1.04	mg/kg	0.0022	ND
Carbon tetrachloride	1.04	mg/kg	0.0022	ND
Chlorobenzene	1.04	mg/kg	0.0022	ND
Chloroethane	1.04	mg/kg	0.0022	ND
Chloroform	1.04	mg/kg	0.0022	ND
Chloromethane	1.04	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	1.04	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	1.04	mg/kg	0.0022	ND
Cyclohexane	1.04	mg/kg	0.0022	ND
Dibromochloromethane	1.04	mg/kg	0.0022	ND
Dichlorodifluoromethane	1.04	mg/kg	0.0022	ND
Ethylbenzene	1.04	mg/kg	0.0011	ND
Isopropylbenzene	1.04	mg/kg	0.0011	ND
m&p-Xylenes	1.04	mg/kg	0.0015	ND
Methyl Acetate	1.04	mg/kg	0.0022	ND
Methylcyclohexane	1.04	mg/kg	0.0022	ND
Methylene chloride	1.04	mg/kg	0.0022	ND
Methyl-t-butyl ether	1.04	mg/kg	0.0011	ND
o-Xylene	1.04	mg/kg	0.0011	ND
Styrene	1.04	mg/kg	0.0022	ND
Tetrachloroethene	1.04	mg/kg	0.0022	ND
Toluene	1.04	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	1.04	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	1.04	mg/kg	0.0022	ND
Trichloroethene	1.04	mg/kg	0.0022	ND
Trichlorofluoromethane	1.04	mg/kg	0.0022	ND
Vinyl chloride	1.04	mg/kg	0.0022	ND
Xylenes (Total)	1.04	mg/kg	0.0011	ND

Sample ID: SS-3 **Collection Date: 8/27/2024**
Lab#: AD46656-003 **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**94**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	**1**	**mg/kg**	**0.089**	**0.13**

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	78.44	100	13	171	78	
TCMX-Surrogate	80.91	100	13	171	81	
DCB-Surrogate	90.49	100	10	186	90	
DCB-Surrogate	82.73	100	10	186	83	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	5	mg/kg	0.18	ND
1,2,4,5-Tetrachlorobenzene	5	mg/kg	0.18	ND
1,4-Dioxane	5	mg/kg	0.044	ND
2,3,4,6-Tetrachlorophenol	5	mg/kg	0.18	ND
2,4,5-Trichlorophenol	5	mg/kg	0.18	ND
2,4,6-Trichlorophenol	5	mg/kg	0.18	ND
2,4-Dichlorophenol	5	mg/kg	0.044	ND
2,4-Dimethylphenol	5	mg/kg	0.057	ND
2,4-Dinitrophenol	5	mg/kg	0.88	ND
2,4-Dinitrotoluene	5	mg/kg	0.18	ND
2,6-Dinitrotoluene	5	mg/kg	0.18	ND
2-Chloronaphthalene	5	mg/kg	0.18	ND
2-Chlorophenol	5	mg/kg	0.18	ND
2-Methylnaphthalene	5	mg/kg	0.18	ND
2-Methylphenol	5	mg/kg	0.055	ND
2-Nitroaniline	5	mg/kg	0.18	ND
2-Nitrophenol	5	mg/kg	0.18	ND
3&4-Methylphenol	5	mg/kg	0.054	ND
3,3'-Dichlorobenzidine	5	mg/kg	0.18	ND
3-Nitroaniline	5	mg/kg	0.18	ND
4,6-Dinitro-2-methylphenol	5	mg/kg	0.88	ND
4-Bromophenyl-phenylether	5	mg/kg	0.18	ND
4-Chloro-3-methylphenol	5	mg/kg	0.18	ND
4-Chloroaniline	5	mg/kg	0.048	ND
4-Chlorophenyl-phenylether	5	mg/kg	0.18	ND
4-Nitroaniline	5	mg/kg	0.18	ND
4-Nitrophenol	5	mg/kg	0.18	ND
Acenaphthene	5	mg/kg	0.18	ND
Acenaphthylene	5	mg/kg	0.18	ND
Acetophenone	5	mg/kg	0.18	ND
Anthracene	5	mg/kg	0.18	ND

Sample ID: SS-3 **Collection Date: 8/27/2024**
Lab#: AD46656-003 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	5	mg/kg	0.18	ND
Benzaldehyde	5	mg/kg	0.18	ND
Benzo[a]anthracene	**5**	**mg/kg**	**0.18**	**0.22**
Benzo[a]pyrene	**5**	**mg/kg**	**0.18**	**0.19**
Benzo[b]fluoranthene	**5**	**mg/kg**	**0.18**	**0.29**
Benzo[g,h,i]perylene	5	mg/kg	0.18	ND
Benzo[k]fluoranthene	5	mg/kg	0.18	ND
bis(2-Chloroethoxy)methane	5	mg/kg	0.18	ND
bis(2-Chloroethyl)ether	5	mg/kg	0.067	ND
bis(2-Chloroisopropyl)ether	5	mg/kg	0.18	ND
bis(2-Ethylhexyl)phthalate	5	mg/kg	0.18	ND
Butylbenzylphthalate	5	mg/kg	0.18	ND
Caprolactam	5	mg/kg	0.18	ND
Carbazole	5	mg/kg	0.18	ND
Chrysene	**5**	**mg/kg**	**0.18**	**0.24**
Dibenzo[a,h]anthracene	5	mg/kg	0.18	ND
Dibenzofuran	5	mg/kg	0.046	ND
Diethylphthalate	5	mg/kg	0.18	ND
Dimethylphthalate	5	mg/kg	0.18	ND
Di-n-butylphthalate	5	mg/kg	0.080	ND
Di-n-octylphthalate	5	mg/kg	0.18	ND
Fluoranthene	**5**	**mg/kg**	**0.18**	**0.41**
Fluorene	5	mg/kg	0.18	ND
Hexachlorobenzene	5	mg/kg	0.18	ND
Hexachlorobutadiene	5	mg/kg	0.18	ND
Hexachlorocyclopentadiene	5	mg/kg	0.59	ND
Hexachloroethane	5	mg/kg	0.18	ND
Indeno[1,2,3-cd]pyrene	5	mg/kg	0.18	ND
Isophorone	5	mg/kg	0.18	ND
Naphthalene	5	mg/kg	0.044	ND
Nitrobenzene	5	mg/kg	0.18	ND
N-Nitroso-di-n-propylamine	5	mg/kg	0.049	ND
N-Nitrosodiphenylamine	5	mg/kg	0.18	ND
Pentachlorophenol	5	mg/kg	0.88	ND
Phenanthrene	**5**	**mg/kg**	**0.18**	**0.21**
Phenol	5	mg/kg	0.18	ND
Pyrene	**5**	**mg/kg**	**0.18**	**0.40**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**21**	**5400**
Antimony	**1**	**mg/kg**	**0.32**	**0.36**
Arsenic	**1**	**mg/kg**	**0.21**	**5.0**
Barium	**1**	**mg/kg**	**0.53**	**69**
Beryllium	**1**	**mg/kg**	**0.11**	**0.34**
Cadmium	**1**	**mg/kg**	**0.21**	**0.50**
Calcium	**5**	**mg/kg**	**530**	**82000**
Chromium	**1**	**mg/kg**	**0.21**	**12**
Cobalt	**1**	**mg/kg**	**0.21**	**5.4**
Copper	**1**	**mg/kg**	**1.1**	**26**
Iron	**1**	**mg/kg**	**32**	**14000**
Lead	**1**	**mg/kg**	**0.32**	**130**
Magnesium	**1**	**mg/kg**	**110**	**13000**
Manganese	**1**	**mg/kg**	**1.1**	**340**
Nickel	**1**	**mg/kg**	**1.1**	**15**
Potassium	**1**	**mg/kg**	**110**	**1200**
Selenium	**1**	**mg/kg**	**1.1**	**1.6**
Silver	1	mg/kg	0.21	ND
Sodium	**1**	**mg/kg**	**110**	**120**
Thallium	1	mg/kg	0.21	ND
Vanadium	**1**	**mg/kg**	**0.21**	**15**

Sample ID: SS-3 **Collection Date:** 8/27/2024
Lab#: AD46656-003 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.3**	**130**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.982	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.982	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.982	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.982	mg/kg	0.0021	ND
1,1-Dichloroethane	0.982	mg/kg	0.0021	ND
1,1-Dichloroethene	0.982	mg/kg	0.0021	ND
1,2,3-Trichlorobenzene	0.982	mg/kg	0.0021	ND
1,2,4-Trichlorobenzene	0.982	mg/kg	0.0021	ND
1,2-Dibromo-3-chloropropane	0.982	mg/kg	0.0021	ND
1,2-Dibromoethane	0.982	mg/kg	0.00063	ND
1,2-Dichlorobenzene	0.982	mg/kg	0.0021	ND
1,2-Dichloroethane	0.982	mg/kg	0.0021	ND
1,2-Dichloropropane	0.982	mg/kg	0.0021	ND
1,3-Dichlorobenzene	0.982	mg/kg	0.0021	ND
1,3-Dichloropropene (Total)	0.982	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.982	mg/kg	0.0021	ND
1,4-Dioxane	0.982	mg/kg	0.10	ND
2-Butanone	0.982	mg/kg	0.0021	ND
2-Hexanone	0.982	mg/kg	0.0021	ND
4-Methyl-2-pentanone	0.982	mg/kg	0.0021	ND
Acetone	0.982	mg/kg	0.010	ND
Benzene	0.982	mg/kg	0.0010	ND
Bromochloromethane	0.982	mg/kg	0.0021	ND
Bromodichloromethane	0.982	mg/kg	0.0021	ND
Bromoform	0.982	mg/kg	0.0021	ND
Bromomethane	0.982	mg/kg	0.0021	ND
Carbon disulfide	0.982	mg/kg	0.0021	ND
Carbon tetrachloride	0.982	mg/kg	0.0021	ND
Chlorobenzene	0.982	mg/kg	0.0021	ND
Chloroethane	0.982	mg/kg	0.0021	ND
Chloroform	0.982	mg/kg	0.0021	ND
Chloromethane	0.982	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.982	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.982	mg/kg	0.0021	ND
Cyclohexane	0.982	mg/kg	0.0021	ND
Dibromochloromethane	0.982	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.982	mg/kg	0.0021	ND
Ethylbenzene	0.982	mg/kg	0.0010	ND
Isopropylbenzene	0.982	mg/kg	0.0010	ND
m&p-Xylenes	0.982	mg/kg	0.0015	ND
Methyl Acetate	0.982	mg/kg	0.0021	ND
Methylcyclohexane	0.982	mg/kg	0.0021	ND
Methylene chloride	0.982	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.982	mg/kg	0.0010	ND
o-Xylene	0.982	mg/kg	0.0010	ND
Styrene	0.982	mg/kg	0.0021	ND
Tetrachloroethene	0.982	mg/kg	0.0021	ND
Toluene	0.982	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.982	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.982	mg/kg	0.0021	ND
Trichloroethene	0.982	mg/kg	0.0021	ND
Trichlorofluoromethane	0.982	mg/kg	0.0021	ND
Vinyl chloride	0.982	mg/kg	0.0021	ND
Xylenes (Total)	0.982	mg/kg	0.0010	ND

Sample ID: SS-4 | **Collection Date: 8/27/2024**
Lab#: AD46656-004 | **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**93**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	**1**	**mg/kg**	**0.090**	**0.36**

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	**1**	**mg/kg**	**0.027**	**0.33**
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	**1**	**mg/kg**	**0.027**	**0.33**
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	100.22	100	13	171	100	
TCMX-Surrogate	101.07	100	13	171	101	
DCB-Surrogate	122.81	100	10	186	123	
DCB-Surrogate	100.14	100	10	186	100	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	5	mg/kg	0.18	ND
1,2,4,5-Tetrachlorobenzene	5	mg/kg	0.18	ND
1,4-Dioxane	5	mg/kg	0.044	ND
2,3,4,6-Tetrachlorophenol	5	mg/kg	0.18	ND
2,4,5-Trichlorophenol	5	mg/kg	0.18	ND
2,4,6-Trichlorophenol	5	mg/kg	0.18	ND
2,4-Dichlorophenol	5	mg/kg	0.044	ND
2,4-Dimethylphenol	5	mg/kg	0.058	ND
2,4-Dinitrophenol	5	mg/kg	0.89	ND
2,4-Dinitrotoluene	5	mg/kg	0.18	ND
2,6-Dinitrotoluene	5	mg/kg	0.18	ND
2-Chloronaphthalene	5	mg/kg	0.18	ND
2-Chlorophenol	5	mg/kg	0.18	ND
2-Methylnaphthalene	5	mg/kg	0.18	ND
2-Methylphenol	5	mg/kg	0.055	ND
2-Nitroaniline	5	mg/kg	0.18	ND
2-Nitrophenol	5	mg/kg	0.18	ND
3&4-Methylphenol	5	mg/kg	0.054	ND
3,3'-Dichlorobenzidine	5	mg/kg	0.18	ND
3-Nitroaniline	5	mg/kg	0.18	ND
4,6-Dinitro-2-methylphenol	5	mg/kg	0.89	ND
4-Bromophenyl-phenylether	5	mg/kg	0.18	ND
4-Chloro-3-methylphenol	5	mg/kg	0.18	ND
4-Chloroaniline	5	mg/kg	0.048	ND
4-Chlorophenyl-phenylether	5	mg/kg	0.18	ND
4-Nitroaniline	5	mg/kg	0.18	ND
4-Nitrophenol	5	mg/kg	0.18	ND
Acenaphthene	5	mg/kg	0.18	ND
Acenaphthylene	5	mg/kg	0.18	ND
Acetophenone	**5**	**mg/kg**	**0.18**	**0.21**
Anthracene	5	mg/kg	0.18	ND

Sample ID: SS-4 **Collection Date:** 8/27/2024
Lab#: AD46656-004 **Receipt Date:** 8/29/2024
Matrix: Soil

Atrazine	5	mg/kg	0.18	ND
Benzaldehyde	5	mg/kg	0.18	ND
Benzo[a]anthracene	**5**	**mg/kg**	**0.18**	**0.55**
Benzo[a]pyrene	**5**	**mg/kg**	**0.18**	**0.57**
Benzo[b]fluoranthene	**5**	**mg/kg**	**0.18**	**0.94**
Benzo[g,h,i]perylene	**5**	**mg/kg**	**0.18**	**0.38**
Benzo[k]fluoranthene	**5**	**mg/kg**	**0.18**	**0.24**
bis(2-Chloroethoxy)methane	5	mg/kg	0.18	ND
bis(2-Chloroethyl)ether	5	mg/kg	0.068	ND
bis(2-Chloroisopropyl)ether	5	mg/kg	0.18	ND
bis(2-Ethylhexyl)phthalate	**5**	**mg/kg**	**0.18**	**0.44**
Butylbenzylphthalate	**5**	**mg/kg**	**0.18**	**0.20**
Caprolactam	5	mg/kg	0.18	ND
Carbazole	5	mg/kg	0.18	ND
Chrysene	**5**	**mg/kg**	**0.18**	**0.62**
Dibenzo[a,h]anthracene	5	mg/kg	0.18	ND
Dibenzofuran	5	mg/kg	0.046	ND
Diethylphthalate	5	mg/kg	0.18	ND
Dimethylphthalate	5	mg/kg	0.18	ND
Di-n-butylphthalate	5	mg/kg	0.080	ND
Di-n-octylphthalate	5	mg/kg	0.18	ND
Fluoranthene	**5**	**mg/kg**	**0.18**	**0.90**
Fluorene	5	mg/kg	0.18	ND
Hexachlorobenzene	5	mg/kg	0.18	ND
Hexachlorobutadiene	5	mg/kg	0.18	ND
Hexachlorocyclopentadiene	5	mg/kg	0.59	ND
Hexachloroethane	5	mg/kg	0.18	ND
Indeno[1,2,3-cd]pyrene	**5**	**mg/kg**	**0.18**	**0.30**
Isophorone	5	mg/kg	0.18	ND
Naphthalene	**5**	**mg/kg**	**0.044**	**0.063**
Nitrobenzene	5	mg/kg	0.18	ND
N-Nitroso-di-n-propylamine	5	mg/kg	0.049	ND
N-Nitrosodiphenylamine	5	mg/kg	0.18	ND
Pentachlorophenol	5	mg/kg	0.89	ND
Phenanthrene	**5**	**mg/kg**	**0.18**	**0.42**
Phenol	5	mg/kg	0.18	ND
Pyrene	**5**	**mg/kg**	**0.18**	**0.89**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**22**	**8800**
Antimony	**1**	**mg/kg**	**0.32**	**1.5**
Arsenic	**1**	**mg/kg**	**0.22**	**8.5**
Barium	**1**	**mg/kg**	**0.54**	**260**
Beryllium	**1**	**mg/kg**	**0.11**	**1.0**
Cadmium	**1**	**mg/kg**	**0.22**	**2.8**
Calcium	**5**	**mg/kg**	**540**	**89000**
Chromium	**1**	**mg/kg**	**0.22**	**38**
Cobalt	**1**	**mg/kg**	**0.22**	**5.4**
Copper	**1**	**mg/kg**	**1.1**	**85**
Iron	**1**	**mg/kg**	**32**	**24000**
Lead	**5**	**mg/kg**	**1.6**	**1200**
Magnesium	**1**	**mg/kg**	**110**	**11000**
Manganese	**5**	**mg/kg**	**5.4**	**1000**
Nickel	**1**	**mg/kg**	**1.1**	**22**
Potassium	**1**	**mg/kg**	**110**	**1200**
Selenium	**1**	**mg/kg**	**1.1**	**3.0**
Silver	**1**	**mg/kg**	**0.22**	**0.31**
Sodium	**1**	**mg/kg**	**110**	**230**
Thallium	1	mg/kg	0.22	ND
Vanadium	**1**	**mg/kg**	**0.22**	**16**

Sample ID: SS-4 **Collection Date:** 8/27/2024
Lab#: AD46656-004 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**5**	**mg/kg**	**22**	**990**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.969	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.969	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.969	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.969	mg/kg	0.0021	ND
1,1-Dichloroethane	0.969	mg/kg	0.0021	ND
1,1-Dichloroethene	0.969	mg/kg	0.0021	ND
1,2,3-Trichlorobenzene	0.969	mg/kg	0.0021	ND
1,2,4-Trichlorobenzene	0.969	mg/kg	0.0021	ND
1,2-Dibromo-3-chloropropane	0.969	mg/kg	0.0021	ND
1,2-Dibromoethane	0.969	mg/kg	0.00063	ND
1,2-Dichlorobenzene	0.969	mg/kg	0.0021	ND
1,2-Dichloroethane	0.969	mg/kg	0.0021	ND
1,2-Dichloropropane	0.969	mg/kg	0.0021	ND
1,3-Dichlorobenzene	0.969	mg/kg	0.0021	ND
1,3-Dichloropropene (Total)	0.969	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.969	mg/kg	0.0021	ND
1,4-Dioxane	0.969	mg/kg	0.10	ND
2-Butanone	0.969	mg/kg	0.0021	ND
2-Hexanone	0.969	mg/kg	0.0021	ND
4-Methyl-2-pentanone	0.969	mg/kg	0.0021	ND
Acetone	0.969	mg/kg	0.010	ND
Benzene	0.969	mg/kg	0.0010	ND
Bromochloromethane	0.969	mg/kg	0.0021	ND
Bromodichloromethane	0.969	mg/kg	0.0021	ND
Bromoform	0.969	mg/kg	0.0021	ND
Bromomethane	0.969	mg/kg	0.0021	ND
Carbon disulfide	0.969	mg/kg	0.0021	ND
Carbon tetrachloride	0.969	mg/kg	0.0021	ND
Chlorobenzene	0.969	mg/kg	0.0021	ND
Chloroethane	0.969	mg/kg	0.0021	ND
Chloroform	0.969	mg/kg	0.0021	ND
Chloromethane	0.969	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.969	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.969	mg/kg	0.0021	ND
Cyclohexane	0.969	mg/kg	0.0021	ND
Dibromochloromethane	0.969	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.969	mg/kg	0.0021	ND
Ethylbenzene	0.969	mg/kg	0.0010	ND
Isopropylbenzene	0.969	mg/kg	0.0010	ND
m&p-Xylenes	0.969	mg/kg	0.0015	ND
Methyl Acetate	0.969	mg/kg	0.0021	ND
Methylcyclohexane	0.969	mg/kg	0.0021	ND
Methylene chloride	0.969	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.969	mg/kg	0.0010	ND
o-Xylene	0.969	mg/kg	0.0010	ND
Styrene	0.969	mg/kg	0.0021	ND
Tetrachloroethene	0.969	mg/kg	0.0021	ND
Toluene	0.969	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.969	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.969	mg/kg	0.0021	ND
Trichloroethene	0.969	mg/kg	0.0021	ND
Trichlorofluoromethane	0.969	mg/kg	0.0021	ND
Vinyl chloride	0.969	mg/kg	0.0021	ND
Xylenes (Total)	0.969	mg/kg	0.0010	ND

Sample ID: SS-5 | **Collection Date: 8/27/2024**
Lab#: AD46656-005 | **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**90**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	**1**	**mg/kg**	**0.087**	**0.17**

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	191.43	100	13	171	191	S8
TCMX-Surrogate	111.17	100	13	171	111	
DCB-Surrogate	122.41	100	10	186	122	
DCB-Surrogate	108.64	100	10	186	109	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	5	mg/kg	0.18	ND
1,2,4,5-Tetrachlorobenzene	5	mg/kg	0.18	ND
1,4-Dioxane	5	mg/kg	0.045	ND
2,3,4,6-Tetrachlorophenol	5	mg/kg	0.18	ND
2,4,5-Trichlorophenol	5	mg/kg	0.18	ND
2,4,6-Trichlorophenol	5	mg/kg	0.18	ND
2,4-Dichlorophenol	5	mg/kg	0.045	ND
2,4-Dimethylphenol	5	mg/kg	0.059	ND
2,4-Dinitrophenol	5	mg/kg	0.91	ND
2,4-Dinitrotoluene	5	mg/kg	0.18	ND
2,6-Dinitrotoluene	5	mg/kg	0.18	ND
2-Chloronaphthalene	5	mg/kg	0.18	ND
2-Chlorophenol	5	mg/kg	0.18	ND
2-Methylnaphthalene	**5**	**mg/kg**	**0.18**	**0.31**
2-Methylphenol	5	mg/kg	0.056	ND
2-Nitroaniline	5	mg/kg	0.18	ND
2-Nitrophenol	5	mg/kg	0.18	ND
3&4-Methylphenol	5	mg/kg	0.055	ND
3,3'-Dichlorobenzidine	5	mg/kg	0.18	ND
3-Nitroaniline	5	mg/kg	0.18	ND
4,6-Dinitro-2-methylphenol	5	mg/kg	0.91	ND
4-Bromophenyl-phenylether	5	mg/kg	0.18	ND
4-Chloro-3-methylphenol	5	mg/kg	0.18	ND
4-Chloroaniline	5	mg/kg	0.049	ND
4-Chlorophenyl-phenylether	5	mg/kg	0.18	ND
4-Nitroaniline	5	mg/kg	0.18	ND
4-Nitrophenol	5	mg/kg	0.18	ND
Acenaphthene	5	mg/kg	0.18	ND
Acenaphthylene	5	mg/kg	0.18	ND
Acetophenone	5	mg/kg	0.18	ND
Anthracene	**5**	**mg/kg**	**0.18**	**0.25**

Sample ID: SS-5 **Collection Date: 8/27/2024**
Lab#: AD46656-005 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	5	mg/kg	0.18	ND
Benzaldehyde	5	mg/kg	0.18	ND
Benzo[a]anthracene	**5**	**mg/kg**	**0.18**	**0.49**
Benzo[a]pyrene	**5**	**mg/kg**	**0.18**	**0.46**
Benzo[b]fluoranthene	**5**	**mg/kg**	**0.18**	**0.93**
Benzo[g,h,i]perylene	**5**	**mg/kg**	**0.18**	**0.46**
Benzo[k]fluoranthene	**5**	**mg/kg**	**0.18**	**0.22**
bis(2-Chloroethoxy)methane	5	mg/kg	0.18	ND
bis(2-Chloroethyl)ether	5	mg/kg	0.069	ND
bis(2-Chloroisopropyl)ether	5	mg/kg	0.18	ND
bis(2-Ethylhexyl)phthalate	**5**	**mg/kg**	**0.18**	**0.74**
Butylbenzylphthalate	5	mg/kg	0.18	ND
Caprolactam	5	mg/kg	0.18	ND
Carbazole	5	mg/kg	0.18	ND
Chrysene	**5**	**mg/kg**	**0.18**	**0.78**
Dibenzo[a,h]anthracene	5	mg/kg	0.18	ND
Dibenzofuran	**5**	**mg/kg**	**0.047**	**0.12**
Diethylphthalate	5	mg/kg	0.18	ND
Dimethylphthalate	5	mg/kg	0.18	ND
Di-n-butylphthalate	5	mg/kg	0.082	ND
Di-n-octylphthalate	5	mg/kg	0.18	ND
Fluoranthene	**5**	**mg/kg**	**0.18**	**1.2**
Fluorene	5	mg/kg	0.18	ND
Hexachlorobenzene	5	mg/kg	0.18	ND
Hexachlorobutadiene	5	mg/kg	0.18	ND
Hexachlorocyclopentadiene	5	mg/kg	0.60	ND
Hexachloroethane	5	mg/kg	0.18	ND
Indeno[1,2,3-cd]pyrene	**5**	**mg/kg**	**0.18**	**0.34**
Isophorone	5	mg/kg	0.18	ND
Naphthalene	**5**	**mg/kg**	**0.045**	**0.30**
Nitrobenzene	5	mg/kg	0.18	ND
N-Nitroso-di-n-propylamine	5	mg/kg	0.051	ND
N-Nitrosodiphenylamine	5	mg/kg	0.18	ND
Pentachlorophenol	5	mg/kg	0.91	ND
Phenanthrene	**5**	**mg/kg**	**0.18**	**0.91**
Phenol	5	mg/kg	0.18	ND
Pyrene	**5**	**mg/kg**	**0.18**	**1.5**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**22**	**2700**
Antimony	**1**	**mg/kg**	**0.33**	**3.9**
Arsenic	**1**	**mg/kg**	**0.22**	**11**
Barium	**1**	**mg/kg**	**0.56**	**290**
Beryllium	**1**	**mg/kg**	**0.11**	**0.24**
Cadmium	**1**	**mg/kg**	**0.22**	**2.2**
Calcium	**1**	**mg/kg**	**110**	**41000**
Chromium	**1**	**mg/kg**	**0.22**	**23**
Cobalt	**1**	**mg/kg**	**0.22**	**9.5**
Copper	**1**	**mg/kg**	**1.1**	**110**
Iron	**1**	**mg/kg**	**33**	**28000**
Lead	**5**	**mg/kg**	**1.7**	**1600**
Magnesium	**1**	**mg/kg**	**110**	**5100**
Manganese	**1**	**mg/kg**	**1.1**	**210**
Nickel	**5**	**mg/kg**	**5.6**	**150**
Potassium	**1**	**mg/kg**	**110**	**1500**
Selenium	**1**	**mg/kg**	**1.1**	**1.7**
Silver	**1**	**mg/kg**	**0.22**	**0.83**
Sodium	**1**	**mg/kg**	**110**	**18000**
Thallium	1	mg/kg	0.22	ND
Vanadium	**1**	**mg/kg**	**0.22**	**11**

Sample ID: SS-5 **Collection Date: 8/27/2024**
Lab#: AD46656-005 **Receipt Date: 8/29/2024**
Matrix: Soil

Zinc	**5**	**mg/kg**	**22**	**1600**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1.05	mg/kg	0.0023	ND
1,1,2,2-Tetrachloroethane	1.05	mg/kg	0.0023	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	mg/kg	0.0023	ND
1,1,2-Trichloroethane	1.05	mg/kg	0.0023	ND
1,1-Dichloroethane	1.05	mg/kg	0.0023	ND
1,1-Dichloroethene	1.05	mg/kg	0.0023	ND
1,2,3-Trichlorobenzene	1.05	mg/kg	0.0023	ND
1,2,4-Trichlorobenzene	1.05	mg/kg	0.0023	ND
1,2-Dibromo-3-chloropropane	1.05	mg/kg	0.0023	ND
1,2-Dibromoethane	1.05	mg/kg	0.0012	ND
1,2-Dichlorobenzene	1.05	mg/kg	0.0023	ND
1,2-Dichloroethane	1.05	mg/kg	0.0023	ND
1,2-Dichloropropane	1.05	mg/kg	0.0023	ND
1,3-Dichlorobenzene	1.05	mg/kg	0.0023	ND
1,3-Dichloropropene (Total)	1.05	mg/kg	0.0023	ND
1,4-Dichlorobenzene	1.05	mg/kg	0.0023	ND
1,4-Dioxane	1.05	mg/kg	0.12	ND
2-Butanone	1.05	mg/kg	0.0023	ND
2-Hexanone	1.05	mg/kg	0.0023	ND
4-Methyl-2-pentanone	1.05	mg/kg	0.0023	ND
Acetone	**1.05**	**mg/kg**	**0.012**	**0.070**
Benzene	1.05	mg/kg	0.0012	ND
Bromochloromethane	1.05	mg/kg	0.0023	ND
Bromodichloromethane	1.05	mg/kg	0.0023	ND
Bromoform	1.05	mg/kg	0.0023	ND
Bromomethane	1.05	mg/kg	0.0023	ND
Carbon disulfide	1.05	mg/kg	0.0023	ND
Carbon tetrachloride	1.05	mg/kg	0.0023	ND
Chlorobenzene	1.05	mg/kg	0.0023	ND
Chloroethane	1.05	mg/kg	0.0023	ND
Chloroform	1.05	mg/kg	0.0023	ND
Chloromethane	1.05	mg/kg	0.0023	ND
cis-1,2-Dichloroethene	1.05	mg/kg	0.0023	ND
cis-1,3-Dichloropropene	1.05	mg/kg	0.0023	ND
Cyclohexane	1.05	mg/kg	0.0023	ND
Dibromochloromethane	1.05	mg/kg	0.0023	ND
Dichlorodifluoromethane	1.05	mg/kg	0.0023	ND
Ethylbenzene	1.05	mg/kg	0.0012	ND
Isopropylbenzene	1.05	mg/kg	0.0012	ND
m&p-Xylenes	1.05	mg/kg	0.0016	ND
Methyl Acetate	1.05	mg/kg	0.0023	ND
Methylcyclohexane	1.05	mg/kg	0.0023	ND
Methylene chloride	1.05	mg/kg	0.0023	ND
Methyl-t-butyl ether	1.05	mg/kg	0.0012	ND
o-Xylene	1.05	mg/kg	0.0012	ND
Styrene	1.05	mg/kg	0.0023	ND
Tetrachloroethene	1.05	mg/kg	0.0023	ND
Toluene	1.05	mg/kg	0.0012	ND
trans-1,2-Dichloroethene	1.05	mg/kg	0.0023	ND
trans-1,3-Dichloropropene	1.05	mg/kg	0.0023	ND
Trichloroethene	1.05	mg/kg	0.0023	ND
Trichlorofluoromethane	1.05	mg/kg	0.0023	ND
Vinyl chloride	1.05	mg/kg	0.0023	ND
Xylenes (Total)	1.05	mg/kg	0.0012	ND

Sample ID: SS-6 | **Collection Date: 8/27/2024**
Lab#: AD46656-006 | **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**84**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.099	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	ND
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	ND
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	91.34	100	13	171	91	
TCMX-Surrogate	94.08	100	13	171	94	
DCB-Surrogate	103.15	100	10	186	103	
DCB-Surrogate	94.14	100	10	186	94	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.039	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.039	ND
1,4-Dioxane	1	mg/kg	0.0099	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.039	ND
2,4,5-Trichlorophenol	1	mg/kg	0.039	ND
2,4,6-Trichlorophenol	1	mg/kg	0.039	ND
2,4-Dichlorophenol	1	mg/kg	0.0099	ND
2,4-Dimethylphenol	1	mg/kg	0.013	ND
2,4-Dinitrophenol	1	mg/kg	0.20	ND
2,4-Dinitrotoluene	1	mg/kg	0.039	ND
2,6-Dinitrotoluene	1	mg/kg	0.039	ND
2-Chloronaphthalene	1	mg/kg	0.039	ND
2-Chlorophenol	1	mg/kg	0.039	ND
2-Methylnaphthalene	**1**	**mg/kg**	**0.039**	**0.33**
2-Methylphenol	1	mg/kg	0.012	ND
2-Nitroaniline	1	mg/kg	0.039	ND
2-Nitrophenol	1	mg/kg	0.039	ND
3&4-Methylphenol	1	mg/kg	0.012	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.039	ND
3-Nitroaniline	1	mg/kg	0.039	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.20	ND
4-Bromophenyl-phenylether	1	mg/kg	0.039	ND
4-Chloro-3-methylphenol	1	mg/kg	0.039	ND
4-Chloroaniline	1	mg/kg	0.011	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.039	ND
4-Nitroaniline	1	mg/kg	0.039	ND
4-Nitrophenol	1	mg/kg	0.039	ND
Acenaphthene	1	mg/kg	0.039	ND
Acenaphthylene	1	mg/kg	0.039	ND
Acetophenone	**1**	**mg/kg**	**0.039**	**0.049**
Anthracene	1	mg/kg	0.039	ND

Sample ID: SS-6 **Collection Date: 8/27/2024**
Lab#: AD46656-006 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.039	ND
Benzaldehyde	1	mg/kg	0.039	ND
Benzo[a]anthracene	1	mg/kg	0.039	ND
Benzo[a]pyrene	1	mg/kg	0.039	ND
Benzo[b]fluoranthene	1	mg/kg	0.039	ND
Benzo[g,h,i]perylene	1	mg/kg	0.039	ND
Benzo[k]fluoranthene	1	mg/kg	0.039	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.039	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.015	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.039	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.039	ND
Butylbenzylphthalate	1	mg/kg	0.039	ND
Caprolactam	1	mg/kg	0.039	ND
Carbazole	1	mg/kg	0.039	ND
Chrysene	**1**	**mg/kg**	**0.039**	**0.056**
Dibenzo[a,h]anthracene	1	mg/kg	0.039	ND
Dibenzofuran	**1**	**mg/kg**	**0.010**	**0.090**
Diethylphthalate	1	mg/kg	0.039	ND
Dimethylphthalate	1	mg/kg	0.039	ND
Di-n-butylphthalate	1	mg/kg	0.018	ND
Di-n-octylphthalate	1	mg/kg	0.039	ND
Fluoranthene	1	mg/kg	0.039	ND
Fluorene	1	mg/kg	0.039	ND
Hexachlorobenzene	1	mg/kg	0.039	ND
Hexachlorobutadiene	1	mg/kg	0.039	ND
Hexachlorocyclopentadiene	1	mg/kg	0.13	ND
Hexachloroethane	1	mg/kg	0.039	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.039	ND
Isophorone	1	mg/kg	0.039	ND
Naphthalene	**1**	**mg/kg**	**0.0099**	**0.23**
Nitrobenzene	1	mg/kg	0.039	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.011	ND
N-Nitrosodiphenylamine	1	mg/kg	0.039	ND
Pentachlorophenol	1	mg/kg	0.20	ND
Phenanthrene	**1**	**mg/kg**	**0.039**	**0.21**
Phenol	1	mg/kg	0.039	ND
Pyrene	1	mg/kg	0.039	ND

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**24**	**2300**
Antimony	**1**	**mg/kg**	**0.36**	**0.65**
Arsenic	**1**	**mg/kg**	**0.24**	**6.0**
Barium	**1**	**mg/kg**	**0.60**	**34**
Beryllium	**1**	**mg/kg**	**0.12**	**0.33**
Cadmium	**1**	**mg/kg**	**0.24**	**0.27**
Calcium	**1**	**mg/kg**	**120**	**18000**
Chromium	**1**	**mg/kg**	**0.24**	**4.4**
Cobalt	**1**	**mg/kg**	**0.24**	**3.2**
Copper	**1**	**mg/kg**	**1.2**	**26**
Iron	**1**	**mg/kg**	**36**	**11000**
Lead	**1**	**mg/kg**	**0.36**	**36**
Magnesium	**1**	**mg/kg**	**120**	**4400**
Manganese	**1**	**mg/kg**	**1.2**	**43**
Nickel	**1**	**mg/kg**	**1.2**	**10**
Potassium	**1**	**mg/kg**	**120**	**530**
Selenium	1	mg/kg	1.2	ND
Silver	1	mg/kg	0.24	ND
Sodium	**1**	**mg/kg**	**120**	**350**
Thallium	1	mg/kg	0.24	ND
Vanadium	**1**	**mg/kg**	**0.24**	**8.0**

Sample ID: SS-6 **Collection Date:** 8/27/2024
Lab#: AD46656-006 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.8**	**28**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1.08	mg/kg	0.0026	ND
1,1,2,2-Tetrachloroethane	1.08	mg/kg	0.0026	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1.08	mg/kg	0.0026	ND
1,1,2-Trichloroethane	1.08	mg/kg	0.0026	ND
1,1-Dichloroethane	1.08	mg/kg	0.0026	ND
1,1-Dichloroethene	1.08	mg/kg	0.0026	ND
1,2,3-Trichlorobenzene	1.08	mg/kg	0.0026	ND
1,2,4-Trichlorobenzene	1.08	mg/kg	0.0026	ND
1,2-Dibromo-3-chloropropane	1.08	mg/kg	0.0026	ND
1,2-Dibromoethane	1.08	mg/kg	0.0013	ND
1,2-Dichlorobenzene	1.08	mg/kg	0.0026	ND
1,2-Dichloroethane	1.08	mg/kg	0.0026	ND
1,2-Dichloropropane	1.08	mg/kg	0.0026	ND
1,3-Dichlorobenzene	1.08	mg/kg	0.0026	ND
1,3-Dichloropropene (Total)	1.08	mg/kg	0.0026	ND
1,4-Dichlorobenzene	1.08	mg/kg	0.0026	ND
1,4-Dioxane	1.08	mg/kg	0.13	ND
2-Butanone	1.08	mg/kg	0.0026	ND
2-Hexanone	1.08	mg/kg	0.0026	ND
4-Methyl-2-pentanone	1.08	mg/kg	0.0026	ND
Acetone	1.08	mg/kg	0.013	ND
Benzene	1.08	mg/kg	0.0013	ND
Bromochloromethane	1.08	mg/kg	0.0026	ND
Bromodichloromethane	1.08	mg/kg	0.0026	ND
Bromoform	1.08	mg/kg	0.0026	ND
Bromomethane	1.08	mg/kg	0.0026	ND
Carbon disulfide	1.08	mg/kg	0.0026	ND
Carbon tetrachloride	1.08	mg/kg	0.0026	ND
Chlorobenzene	1.08	mg/kg	0.0026	ND
Chloroethane	1.08	mg/kg	0.0026	ND
Chloroform	1.08	mg/kg	0.0026	ND
Chloromethane	1.08	mg/kg	0.0026	ND
cis-1,2-Dichloroethene	1.08	mg/kg	0.0026	ND
cis-1,3-Dichloropropene	1.08	mg/kg	0.0026	ND
Cyclohexane	1.08	mg/kg	0.0026	ND
Dibromochloromethane	1.08	mg/kg	0.0026	ND
Dichlorodifluoromethane	1.08	mg/kg	0.0026	ND
Ethylbenzene	1.08	mg/kg	0.0013	ND
Isopropylbenzene	1.08	mg/kg	0.0013	ND
m&p-Xylenes	1.08	mg/kg	0.0018	ND
Methyl Acetate	1.08	mg/kg	0.0026	ND
Methylcyclohexane	1.08	mg/kg	0.0026	ND
Methylene chloride	1.08	mg/kg	0.0026	ND
Methyl-t-butyl ether	1.08	mg/kg	0.0013	ND
o-Xylene	1.08	mg/kg	0.0013	ND
Styrene	1.08	mg/kg	0.0026	ND
Tetrachloroethene	1.08	mg/kg	0.0026	ND
Toluene	1.08	mg/kg	0.0013	ND
trans-1,2-Dichloroethene	1.08	mg/kg	0.0026	ND
trans-1,3-Dichloropropene	1.08	mg/kg	0.0026	ND
Trichloroethene	1.08	mg/kg	0.0026	ND
Trichlorofluoromethane	1.08	mg/kg	0.0026	ND
Vinyl chloride	1.08	mg/kg	0.0026	ND
Xylenes (Total)	1.08	mg/kg	0.0013	ND

Sample ID: SB-1 **Collection Date: 8/27/2024**
Lab#: AD46656-007 **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**83**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	**1**	**mg/kg**	**0.10**	**0.65**

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	ND
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	ND
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	96.96	100	13	171	97	
TCMX-Surrogate	99.24	100	13	171	99	
DCB-Surrogate	98.61	100	10	186	99	
DCB-Surrogate	96.80	100	10	186	97	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.039	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.039	ND
1,4-Dioxane	1	mg/kg	0.0098	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.039	ND
2,4,5-Trichlorophenol	1	mg/kg	0.039	ND
2,4,6-Trichlorophenol	1	mg/kg	0.039	ND
2,4-Dichlorophenol	1	mg/kg	0.0098	ND
2,4-Dimethylphenol	1	mg/kg	0.013	ND
2,4-Dinitrophenol	1	mg/kg	0.20	ND
2,4-Dinitrotoluene	1	mg/kg	0.039	ND
2,6-Dinitrotoluene	1	mg/kg	0.039	ND
2-Chloronaphthalene	1	mg/kg	0.039	ND
2-Chlorophenol	1	mg/kg	0.039	ND
2-Methylnaphthalene	**1**	**mg/kg**	**0.039**	**0.076**
2-Methylphenol	1	mg/kg	0.012	ND
2-Nitroaniline	1	mg/kg	0.039	ND
2-Nitrophenol	1	mg/kg	0.039	ND
3&4-Methylphenol	1	mg/kg	0.012	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.039	ND
3-Nitroaniline	1	mg/kg	0.039	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.20	ND
4-Bromophenyl-phenylether	1	mg/kg	0.039	ND
4-Chloro-3-methylphenol	1	mg/kg	0.039	ND
4-Chloroaniline	1	mg/kg	0.011	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.039	ND
4-Nitroaniline	1	mg/kg	0.039	ND
4-Nitrophenol	1	mg/kg	0.039	ND
Acenaphthene	**1**	**mg/kg**	**0.039**	**0.47**
Acenaphthylene	1	mg/kg	0.039	ND
Acetophenone	1	mg/kg	0.039	ND
Anthracene	**1**	**mg/kg**	**0.039**	**0.92**

Sample ID: SB-1 **Collection Date: 8/27/2024**
Lab#: AD46656-007 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.039	ND
Benzaldehyde	1	mg/kg	0.039	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.039**	**1.2**
Benzo[a]pyrene	**1**	**mg/kg**	**0.039**	**0.83**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.039**	**1.1**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.039**	**0.38**
Benzo[k]fluoranthene	**1**	**mg/kg**	**0.039**	**0.33**
bis(2-Chloroethoxy)methane	1	mg/kg	0.039	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.015	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.039	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.039	ND
Butylbenzylphthalate	1	mg/kg	0.039	ND
Caprolactam	1	mg/kg	0.039	ND
Carbazole	**1**	**mg/kg**	**0.039**	**0.18**
Chrysene	**1**	**mg/kg**	**0.039**	**0.99**
Dibenzo[a,h]anthracene	**1**	**mg/kg**	**0.039**	**0.11**
Dibenzofuran	**1**	**mg/kg**	**0.010**	**0.32**
Diethylphthalate	1	mg/kg	0.039	ND
Dimethylphthalate	1	mg/kg	0.039	ND
Di-n-butylphthalate	1	mg/kg	0.018	ND
Di-n-octylphthalate	1	mg/kg	0.039	ND
Fluoranthene	**1**	**mg/kg**	**0.039**	**2.6**
Fluorene	**1**	**mg/kg**	**0.039**	**0.48**
Hexachlorobenzene	1	mg/kg	0.039	ND
Hexachlorobutadiene	1	mg/kg	0.039	ND
Hexachlorocyclopentadiene	1	mg/kg	0.13	ND
Hexachloroethane	1	mg/kg	0.039	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.039**	**0.36**
Isophorone	1	mg/kg	0.039	ND
Naphthalene	**1**	**mg/kg**	**0.0098**	**0.044**
Nitrobenzene	1	mg/kg	0.039	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.011	ND
N-Nitrosodiphenylamine	1	mg/kg	0.039	ND
Pentachlorophenol	1	mg/kg	0.20	ND
Phenanthrene	**1**	**mg/kg**	**0.039**	**3.2**
Phenol	1	mg/kg	0.039	ND
Pyrene	**1**	**mg/kg**	**0.039**	**2.3**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**24**	**6000**
Antimony	**1**	**mg/kg**	**0.35**	**0.48**
Arsenic	**1**	**mg/kg**	**0.24**	**9.1**
Barium	**1**	**mg/kg**	**0.59**	**130**
Beryllium	**1**	**mg/kg**	**0.12**	**0.41**
Cadmium	**1**	**mg/kg**	**0.24**	**0.28**
Calcium	**5**	**mg/kg**	**590**	**72000**
Chromium	**1**	**mg/kg**	**0.24**	**13**
Cobalt	**1**	**mg/kg**	**0.24**	**7.0**
Copper	**1**	**mg/kg**	**1.2**	**52**
Iron	**1**	**mg/kg**	**35**	**18000**
Lead	**1**	**mg/kg**	**0.35**	**300**
Magnesium	**1**	**mg/kg**	**120**	**9300**
Manganese	**5**	**mg/kg**	**5.9**	**770**
Nickel	**1**	**mg/kg**	**1.2**	**14**
Potassium	**1**	**mg/kg**	**120**	**1000**
Selenium	**1**	**mg/kg**	**1.2**	**2.9**
Silver	1	mg/kg	0.24	ND
Sodium	**1**	**mg/kg**	**120**	**130**
Thallium	1	mg/kg	0.24	ND
Vanadium	**1**	**mg/kg**	**0.24**	**20**

Sample ID: SB-1 **Collection Date:** 8/27/2024
Lab#: AD46656-007 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.7**	**170**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1.1	mg/kg	0.0027	ND
1,1,2,2-Tetrachloroethane	1.1	mg/kg	0.0027	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	mg/kg	0.0027	ND
1,1,2-Trichloroethane	1.1	mg/kg	0.0027	ND
1,1-Dichloroethane	1.1	mg/kg	0.0027	ND
1,1-Dichloroethene	1.1	mg/kg	0.0027	ND
1,2,3-Trichlorobenzene	1.1	mg/kg	0.0027	ND
1,2,4-Trichlorobenzene	1.1	mg/kg	0.0027	ND
1,2-Dibromo-3-chloropropane	1.1	mg/kg	0.0027	ND
1,2-Dibromoethane	1.1	mg/kg	0.0013	ND
1,2-Dichlorobenzene	1.1	mg/kg	0.0027	ND
1,2-Dichloroethane	1.1	mg/kg	0.0027	ND
1,2-Dichloropropane	1.1	mg/kg	0.0027	ND
1,3-Dichlorobenzene	1.1	mg/kg	0.0027	ND
1,3-Dichloropropene (Total)	1.1	mg/kg	0.0027	ND
1,4-Dichlorobenzene	1.1	mg/kg	0.0027	ND
1,4-Dioxane	1.1	mg/kg	0.13	ND
2-Butanone	1.1	mg/kg	0.0027	ND
2-Hexanone	1.1	mg/kg	0.0027	ND
4-Methyl-2-pentanone	1.1	mg/kg	0.0027	ND
Acetone	1.1	mg/kg	0.013	ND
Benzene	1.1	mg/kg	0.0013	ND
Bromochloromethane	1.1	mg/kg	0.0027	ND
Bromodichloromethane	1.1	mg/kg	0.0027	ND
Bromoform	1.1	mg/kg	0.0027	ND
Bromomethane	1.1	mg/kg	0.0027	ND
Carbon disulfide	1.1	mg/kg	0.0027	ND
Carbon tetrachloride	1.1	mg/kg	0.0027	ND
Chlorobenzene	1.1	mg/kg	0.0027	ND
Chloroethane	1.1	mg/kg	0.0027	ND
Chloroform	1.1	mg/kg	0.0027	ND
Chloromethane	1.1	mg/kg	0.0027	ND
cis-1,2-Dichloroethene	1.1	mg/kg	0.0027	ND
cis-1,3-Dichloropropene	1.1	mg/kg	0.0027	ND
Cyclohexane	1.1	mg/kg	0.0027	ND
Dibromochloromethane	1.1	mg/kg	0.0027	ND
Dichlorodifluoromethane	1.1	mg/kg	0.0027	ND
Ethylbenzene	1.1	mg/kg	0.0013	ND
Isopropylbenzene	1.1	mg/kg	0.0013	ND
m&p-Xylenes	1.1	mg/kg	0.0019	ND
Methyl Acetate	1.1	mg/kg	0.0027	ND
Methylcyclohexane	1.1	mg/kg	0.0027	ND
Methylene chloride	1.1	mg/kg	0.0027	ND
Methyl-t-butyl ether	1.1	mg/kg	0.0013	ND
o-Xylene	1.1	mg/kg	0.0013	ND
Styrene	1.1	mg/kg	0.0027	ND
Tetrachloroethene	1.1	mg/kg	0.0027	ND
Toluene	1.1	mg/kg	0.0013	ND
trans-1,2-Dichloroethene	1.1	mg/kg	0.0027	ND
trans-1,3-Dichloropropene	1.1	mg/kg	0.0027	ND
Trichloroethene	1.1	mg/kg	0.0027	ND
Trichlorofluoromethane	1.1	mg/kg	0.0027	ND
Vinyl chloride	1.1	mg/kg	0.0027	ND
Xylenes (Total)	1.1	mg/kg	0.0013	ND

Sample ID: SB-2 **Collection Date: 8/27/2024**
Lab#: AD46656-008 **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**86**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	**1**	**mg/kg**	**0.10**	**0.35**

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	98.31	100	13	171	98	
TCMX-Surrogate	99.54	100	13	171	100	
DCB-Surrogate	100.58	100	10	186	101	
DCB-Surrogate	96.50	100	10	186	96	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	3	mg/kg	0.12	ND
1,2,4,5-Tetrachlorobenzene	3	mg/kg	0.12	ND
1,4-Dioxane	3	mg/kg	0.029	ND
2,3,4,6-Tetrachlorophenol	3	mg/kg	0.12	ND
2,4,5-Trichlorophenol	3	mg/kg	0.12	ND
2,4,6-Trichlorophenol	3	mg/kg	0.12	ND
2,4-Dichlorophenol	3	mg/kg	0.029	ND
2,4-Dimethylphenol	3	mg/kg	0.038	ND
2,4-Dinitrophenol	3	mg/kg	0.58	ND
2,4-Dinitrotoluene	3	mg/kg	0.12	ND
2,6-Dinitrotoluene	3	mg/kg	0.12	ND
2-Chloronaphthalene	3	mg/kg	0.12	ND
2-Chlorophenol	3	mg/kg	0.12	ND
2-Methylnaphthalene	3	mg/kg	0.12	ND
2-Methylphenol	3	mg/kg	0.036	ND
2-Nitroaniline	3	mg/kg	0.12	ND
2-Nitrophenol	3	mg/kg	0.12	ND
3&4-Methylphenol	3	mg/kg	0.035	ND
3,3'-Dichlorobenzidine	3	mg/kg	0.12	ND
3-Nitroaniline	3	mg/kg	0.12	ND
4,6-Dinitro-2-methylphenol	3	mg/kg	0.58	ND
4-Bromophenyl-phenylether	3	mg/kg	0.12	ND
4-Chloro-3-methylphenol	3	mg/kg	0.12	ND
4-Chloroaniline	3	mg/kg	0.031	ND
4-Chlorophenyl-phenylether	3	mg/kg	0.12	ND
4-Nitroaniline	3	mg/kg	0.12	ND
4-Nitrophenol	3	mg/kg	0.12	ND
Acenaphthene	**3**	**mg/kg**	**0.12**	**0.18**
Acenaphthylene	3	mg/kg	0.12	ND
Acetophenone	3	mg/kg	0.12	ND
Anthracene	**3**	**mg/kg**	**0.12**	**0.48**

Sample ID: SB-2 **Collection Date: 8/27/2024**
Lab#: AD46656-008 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	3	mg/kg	0.12	ND
Benzaldehyde	3	mg/kg	0.12	ND
Benzo[a]anthracene	**3**	**mg/kg**	**0.12**	**0.90**
Benzo[a]pyrene	**3**	**mg/kg**	**0.12**	**0.83**
Benzo[b]fluoranthene	**3**	**mg/kg**	**0.12**	**1.0**
Benzo[g,h,i]perylene	**3**	**mg/kg**	**0.12**	**0.59**
Benzo[k]fluoranthene	**3**	**mg/kg**	**0.12**	**0.37**
bis(2-Chloroethoxy)methane	3	mg/kg	0.12	ND
bis(2-Chloroethyl)ether	3	mg/kg	0.044	ND
bis(2-Chloroisopropyl)ether	3	mg/kg	0.12	ND
bis(2-Ethylhexyl)phthalate	3	mg/kg	0.12	ND
Butylbenzylphthalate	3	mg/kg	0.12	ND
Caprolactam	3	mg/kg	0.12	ND
Carbazole	**3**	**mg/kg**	**0.12**	**0.18**
Chrysene	**3**	**mg/kg**	**0.12**	**0.91**
Dibenzo[a,h]anthracene	**3**	**mg/kg**	**0.12**	**0.16**
Dibenzofuran	**3**	**mg/kg**	**0.030**	**0.18**
Diethylphthalate	3	mg/kg	0.12	ND
Dimethylphthalate	3	mg/kg	0.12	ND
Di-n-butylphthalate	3	mg/kg	0.052	ND
Di-n-octylphthalate	3	mg/kg	0.12	ND
Fluoranthene	**3**	**mg/kg**	**0.12**	**1.8**
Fluorene	**3**	**mg/kg**	**0.12**	**0.23**
Hexachlorobenzene	3	mg/kg	0.12	ND
Hexachlorobutadiene	3	mg/kg	0.12	ND
Hexachlorocyclopentadiene	3	mg/kg	0.38	ND
Hexachloroethane	3	mg/kg	0.12	ND
Indeno[1,2,3-cd]pyrene	**3**	**mg/kg**	**0.12**	**0.45**
Isophorone	3	mg/kg	0.12	ND
Naphthalene	**3**	**mg/kg**	**0.029**	**0.18**
Nitrobenzene	3	mg/kg	0.12	ND
N-Nitroso-di-n-propylamine	3	mg/kg	0.032	ND
N-Nitrosodiphenylamine	3	mg/kg	0.12	ND
Pentachlorophenol	3	mg/kg	0.58	ND
Phenanthrene	**3**	**mg/kg**	**0.12**	**1.8**
Phenol	3	mg/kg	0.12	ND
Pyrene	**3**	**mg/kg**	**0.12**	**1.7**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**23**	**7800**
Antimony	**1**	**mg/kg**	**0.35**	**1.4**
Arsenic	**1**	**mg/kg**	**0.23**	**11**
Barium	**1**	**mg/kg**	**0.58**	**100**
Beryllium	**1**	**mg/kg**	**0.12**	**0.48**
Cadmium	**1**	**mg/kg**	**0.23**	**0.51**
Calcium	**1**	**mg/kg**	**120**	**46000**
Chromium	**1**	**mg/kg**	**0.23**	**15**
Cobalt	**1**	**mg/kg**	**0.23**	**9.5**
Copper	**1**	**mg/kg**	**1.2**	**150**
Iron	**1**	**mg/kg**	**35**	**22000**
Lead	**1**	**mg/kg**	**0.35**	**210**
Magnesium	**1**	**mg/kg**	**120**	**12000**
Manganese	**1**	**mg/kg**	**1.2**	**340**
Nickel	**1**	**mg/kg**	**1.2**	**20**
Potassium	**1**	**mg/kg**	**120**	**1200**
Selenium	**1**	**mg/kg**	**1.2**	**2.7**
Silver	1	mg/kg	0.23	ND
Sodium	**1**	**mg/kg**	**120**	**160**
Thallium	1	mg/kg	0.23	ND
Vanadium	**1**	**mg/kg**	**0.23**	**21**

Sample ID: SB-2 **Collection Date:** 8/27/2024
Lab#: AD46656-008 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.7**	**290**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.903	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.903	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.903	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.903	mg/kg	0.0021	ND
1,1-Dichloroethane	0.903	mg/kg	0.0021	ND
1,1-Dichloroethene	0.903	mg/kg	0.0021	ND
1,2,3-Trichlorobenzene	0.903	mg/kg	0.0021	ND
1,2,4-Trichlorobenzene	0.903	mg/kg	0.0021	ND
1,2-Dibromo-3-chloropropane	0.903	mg/kg	0.0021	ND
1,2-Dibromoethane	0.903	mg/kg	0.0010	ND
1,2-Dichlorobenzene	0.903	mg/kg	0.0021	ND
1,2-Dichloroethane	0.903	mg/kg	0.0021	ND
1,2-Dichloropropane	0.903	mg/kg	0.0021	ND
1,3-Dichlorobenzene	0.903	mg/kg	0.0021	ND
1,3-Dichloropropene (Total)	0.903	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.903	mg/kg	0.0021	ND
1,4-Dioxane	0.903	mg/kg	0.10	ND
2-Butanone	**0.903**	**mg/kg**	**0.0021**	**0.011**
2-Hexanone	0.903	mg/kg	0.0021	ND
4-Methyl-2-pentanone	0.903	mg/kg	0.0021	ND
Acetone	**0.903**	**mg/kg**	**0.010**	**0.076**
Benzene	0.903	mg/kg	0.0010	ND
Bromochloromethane	0.903	mg/kg	0.0021	ND
Bromodichloromethane	0.903	mg/kg	0.0021	ND
Bromoform	0.903	mg/kg	0.0021	ND
Bromomethane	0.903	mg/kg	0.0021	ND
Carbon disulfide	0.903	mg/kg	0.0021	ND
Carbon tetrachloride	0.903	mg/kg	0.0021	ND
Chlorobenzene	0.903	mg/kg	0.0021	ND
Chloroethane	0.903	mg/kg	0.0021	ND
Chloroform	0.903	mg/kg	0.0021	ND
Chloromethane	0.903	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.903	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.903	mg/kg	0.0021	ND
Cyclohexane	0.903	mg/kg	0.0021	ND
Dibromochloromethane	0.903	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.903	mg/kg	0.0021	ND
Ethylbenzene	0.903	mg/kg	0.0010	ND
Isopropylbenzene	0.903	mg/kg	0.0010	ND
m&p-Xylenes	0.903	mg/kg	0.0015	ND
Methyl Acetate	0.903	mg/kg	0.0021	ND
Methylcyclohexane	0.903	mg/kg	0.0021	ND
Methylene chloride	0.903	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.903	mg/kg	0.0010	ND
o-Xylene	0.903	mg/kg	0.0010	ND
Styrene	0.903	mg/kg	0.0021	ND
Tetrachloroethene	0.903	mg/kg	0.0021	ND
Toluene	0.903	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.903	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.903	mg/kg	0.0021	ND
Trichloroethene	0.903	mg/kg	0.0021	ND
Trichlorofluoromethane	0.903	mg/kg	0.0021	ND
Vinyl chloride	0.903	mg/kg	0.0021	ND
Xylenes (Total)	0.903	mg/kg	0.0010	ND

Sample ID: SB-16 | **Collection Date: 8/27/2024**
Lab#: AD46656-009 | **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.092	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	85.24	100	13	171	85	
TCMX-Surrogate	87.80	100	13	171	88	
DCB-Surrogate	91.10	100	10	186	91	
DCB-Surrogate	88.03	100	10	186	88	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.036	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.036	ND
1,4-Dioxane	1	mg/kg	0.0091	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.036	ND
2,4,5-Trichlorophenol	1	mg/kg	0.036	ND
2,4,6-Trichlorophenol	1	mg/kg	0.036	ND
2,4-Dichlorophenol	1	mg/kg	0.0091	ND
2,4-Dimethylphenol	1	mg/kg	0.012	ND
2,4-Dinitrophenol	1	mg/kg	0.18	ND
2,4-Dinitrotoluene	1	mg/kg	0.036	ND
2,6-Dinitrotoluene	1	mg/kg	0.036	ND
2-Chloronaphthalene	1	mg/kg	0.036	ND
2-Chlorophenol	1	mg/kg	0.036	ND
2-Methylnaphthalene	1	mg/kg	0.036	ND
2-Methylphenol	1	mg/kg	0.011	ND
2-Nitroaniline	1	mg/kg	0.036	ND
2-Nitrophenol	1	mg/kg	0.036	ND
3&4-Methylphenol	1	mg/kg	0.011	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.036	ND
3-Nitroaniline	1	mg/kg	0.036	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.18	ND
4-Bromophenyl-phenylether	1	mg/kg	0.036	ND
4-Chloro-3-methylphenol	1	mg/kg	0.036	ND
4-Chloroaniline	1	mg/kg	0.0098	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.036	ND
4-Nitroaniline	1	mg/kg	0.036	ND
4-Nitrophenol	1	mg/kg	0.036	ND
Acenaphthene	1	mg/kg	0.036	ND
Acenaphthylene	1	mg/kg	0.036	ND
Acetophenone	1	mg/kg	0.036	ND
Anthracene	1	mg/kg	0.036	ND

Sample ID: SB-16 **Collection Date:** 8/27/2024
Lab#: AD46656-009 **Receipt Date:** 8/29/2024
Matrix: Soil

Atrazine	1	mg/kg	0.036	ND
Benzaldehyde	1	mg/kg	0.036	ND
Benzo[a]anthracene	1	mg/kg	0.036	ND
Benzo[a]pyrene	1	mg/kg	0.036	ND
Benzo[b]fluoranthene	1	mg/kg	0.036	ND
Benzo[g,h,i]perylene	1	mg/kg	0.036	ND
Benzo[k]fluoranthene	1	mg/kg	0.036	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.036	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.014	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.036	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.036	ND
Butylbenzylphthalate	1	mg/kg	0.036	ND
Caprolactam	1	mg/kg	0.036	ND
Carbazole	1	mg/kg	0.036	ND
Chrysene	1	mg/kg	0.036	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.036	ND
Dibenzofuran	1	mg/kg	0.0094	ND
Diethylphthalate	1	mg/kg	0.036	ND
Dimethylphthalate	1	mg/kg	0.036	ND
Di-n-butylphthalate	1	mg/kg	0.016	ND
Di-n-octylphthalate	1	mg/kg	0.036	ND
Fluoranthene	1	mg/kg	0.036	ND
Fluorene	1	mg/kg	0.036	ND
Hexachlorobenzene	1	mg/kg	0.036	ND
Hexachlorobutadiene	1	mg/kg	0.036	ND
Hexachlorocyclopentadiene	1	mg/kg	0.12	ND
Hexachloroethane	1	mg/kg	0.036	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.036	ND
Isophorone	1	mg/kg	0.036	ND
Naphthalene	1	mg/kg	0.0091	ND
Nitrobenzene	1	mg/kg	0.036	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.010	ND
N-Nitrosodiphenylamine	1	mg/kg	0.036	ND
Pentachlorophenol	1	mg/kg	0.18	ND
Phenanthrene	1	mg/kg	0.036	ND
Phenol	1	mg/kg	0.036	ND
Pyrene	1	mg/kg	0.036	ND

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**22**	**4300**
Antimony	1	mg/kg	0.34	ND
Arsenic	**1**	**mg/kg**	**0.22**	**2.2**
Barium	**1**	**mg/kg**	**0.56**	**37**
Beryllium	**1**	**mg/kg**	**0.11**	**0.21**
Cadmium	1	mg/kg	0.22	ND
Calcium	**5**	**mg/kg**	**560**	**94000**
Chromium	**1**	**mg/kg**	**0.22**	**7.1**
Cobalt	**1**	**mg/kg**	**0.22**	**3.9**
Copper	**1**	**mg/kg**	**1.1**	**9.9**
Iron	**1**	**mg/kg**	**34**	**9800**
Lead	**1**	**mg/kg**	**0.34**	**6.0**
Magnesium	**1**	**mg/kg**	**110**	**30000**
Manganese	**1**	**mg/kg**	**1.1**	**290**
Nickel	**1**	**mg/kg**	**1.1**	**9.0**
Potassium	**1**	**mg/kg**	**110**	**960**
Selenium	**1**	**mg/kg**	**1.1**	**1.5**
Silver	1	mg/kg	0.22	ND
Sodium	**1**	**mg/kg**	**110**	**130**
Thallium	1	mg/kg	0.22	ND
Vanadium	**1**	**mg/kg**	**0.22**	**12**

Sample ID: SB-16 **Collection Date:** 8/27/2024
Lab#: AD46656-009 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.5**	**50**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.822	mg/kg	0.0018	ND
1,1,2,2-Tetrachloroethane	0.822	mg/kg	0.0018	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.822	mg/kg	0.0018	ND
1,1,2-Trichloroethane	0.822	mg/kg	0.0018	ND
1,1-Dichloroethane	0.822	mg/kg	0.0018	ND
1,1-Dichloroethene	0.822	mg/kg	0.0018	ND
1,2,3-Trichlorobenzene	0.822	mg/kg	0.0018	ND
1,2,4-Trichlorobenzene	0.822	mg/kg	0.0018	ND
1,2-Dibromo-3-chloropropane	0.822	mg/kg	0.0018	ND
1,2-Dibromoethane	0.822	mg/kg	0.00090	ND
1,2-Dichlorobenzene	0.822	mg/kg	0.0018	ND
1,2-Dichloroethane	0.822	mg/kg	0.0018	ND
1,2-Dichloropropane	0.822	mg/kg	0.0018	ND
1,3-Dichlorobenzene	0.822	mg/kg	0.0018	ND
1,3-Dichloropropene (Total)	0.822	mg/kg	0.0018	ND
1,4-Dichlorobenzene	0.822	mg/kg	0.0018	ND
1,4-Dioxane	0.822	mg/kg	0.090	ND
2-Butanone	0.822	mg/kg	0.0018	ND
2-Hexanone	0.822	mg/kg	0.0018	ND
4-Methyl-2-pentanone	0.822	mg/kg	0.0018	ND
Acetone	**0.822**	**mg/kg**	**0.0090**	**0.095**
Benzene	0.822	mg/kg	0.00090	ND
Bromochloromethane	0.822	mg/kg	0.0018	ND
Bromodichloromethane	0.822	mg/kg	0.0018	ND
Bromoform	0.822	mg/kg	0.0018	ND
Bromomethane	0.822	mg/kg	0.0018	ND
Carbon disulfide	0.822	mg/kg	0.0018	ND
Carbon tetrachloride	0.822	mg/kg	0.0018	ND
Chlorobenzene	0.822	mg/kg	0.0018	ND
Chloroethane	0.822	mg/kg	0.0018	ND
Chloroform	0.822	mg/kg	0.0018	ND
Chloromethane	0.822	mg/kg	0.0018	ND
cis-1,2-Dichloroethene	0.822	mg/kg	0.0018	ND
cis-1,3-Dichloropropene	0.822	mg/kg	0.0018	ND
Cyclohexane	0.822	mg/kg	0.0018	ND
Dibromochloromethane	0.822	mg/kg	0.0018	ND
Dichlorodifluoromethane	0.822	mg/kg	0.0018	ND
Ethylbenzene	0.822	mg/kg	0.00090	ND
Isopropylbenzene	0.822	mg/kg	0.00090	ND
m&p-Xylenes	0.822	mg/kg	0.0013	ND
Methyl Acetate	0.822	mg/kg	0.0018	ND
Methylcyclohexane	0.822	mg/kg	0.0018	ND
Methylene chloride	0.822	mg/kg	0.0018	ND
Methyl-t-butyl ether	0.822	mg/kg	0.00090	ND
o-Xylene	0.822	mg/kg	0.00090	ND
Styrene	0.822	mg/kg	0.0018	ND
Tetrachloroethene	0.822	mg/kg	0.0018	ND
Toluene	0.822	mg/kg	0.00090	ND
trans-1,2-Dichloroethene	0.822	mg/kg	0.0018	ND
trans-1,3-Dichloropropene	0.822	mg/kg	0.0018	ND
Trichloroethene	0.822	mg/kg	0.0018	ND
Trichlorofluoromethane	0.822	mg/kg	0.0018	ND
Vinyl chloride	0.822	mg/kg	0.0018	ND
Xylenes (Total)	0.822	mg/kg	0.00090	ND

Sample ID: SB-15 | **Collection Date: 8/27/2024**
Lab#: AD46656-010 | **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**83**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	**1**	**mg/kg**	**0.10**	**0.21**

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	ND
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	ND
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	95.41	100	13	171	95	
TCMX-Surrogate	97.90	100	13	171	98	
DCB-Surrogate	97.60	100	10	186	98	
DCB-Surrogate	95.11	100	10	186	95	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.040	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.040	ND
1,4-Dioxane	1	mg/kg	0.010	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.040	ND
2,4,5-Trichlorophenol	1	mg/kg	0.040	ND
2,4,6-Trichlorophenol	1	mg/kg	0.040	ND
2,4-Dichlorophenol	1	mg/kg	0.010	ND
2,4-Dimethylphenol	1	mg/kg	0.013	ND
2,4-Dinitrophenol	1	mg/kg	0.20	ND
2,4-Dinitrotoluene	1	mg/kg	0.040	ND
2,6-Dinitrotoluene	1	mg/kg	0.040	ND
2-Chloronaphthalene	1	mg/kg	0.040	ND
2-Chlorophenol	1	mg/kg	0.040	ND
2-Methylnaphthalene	1	mg/kg	0.040	ND
2-Methylphenol	1	mg/kg	0.012	ND
2-Nitroaniline	1	mg/kg	0.040	ND
2-Nitrophenol	1	mg/kg	0.040	ND
3&4-Methylphenol	1	mg/kg	0.012	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.040	ND
3-Nitroaniline	1	mg/kg	0.040	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.20	ND
4-Bromophenyl-phenylether	1	mg/kg	0.040	ND
4-Chloro-3-methylphenol	1	mg/kg	0.040	ND
4-Chloroaniline	1	mg/kg	0.011	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.040	ND
4-Nitroaniline	1	mg/kg	0.040	ND
4-Nitrophenol	1	mg/kg	0.040	ND
Acenaphthene	1	mg/kg	0.040	ND
Acenaphthylene	1	mg/kg	0.040	ND
Acetophenone	1	mg/kg	0.040	ND
Anthracene	**1**	**mg/kg**	**0.040**	**0.046**

Sample ID: SB-15 **Collection Date: 8/27/2024**
Lab#: AD46656-010 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.040	ND
Benzaldehyde	1	mg/kg	0.040	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.040**	**0.16**
Benzo[a]pyrene	**1**	**mg/kg**	**0.040**	**0.16**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.040**	**0.24**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.040**	**0.12**
Benzo[k]fluoranthene	**1**	**mg/kg**	**0.040**	**0.084**
bis(2-Chloroethoxy)methane	1	mg/kg	0.040	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.015	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.040	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.040	ND
Butylbenzylphthalate	1	mg/kg	0.040	ND
Caprolactam	1	mg/kg	0.040	ND
Carbazole	1	mg/kg	0.040	ND
Chrysene	**1**	**mg/kg**	**0.040**	**0.22**
Dibenzo[a,h]anthracene	1	mg/kg	0.040	ND
Dibenzofuran	**1**	**mg/kg**	**0.010**	**0.022**
Diethylphthalate	1	mg/kg	0.040	ND
Dimethylphthalate	1	mg/kg	0.040	ND
Di-n-butylphthalate	1	mg/kg	0.018	ND
Di-n-octylphthalate	1	mg/kg	0.040	ND
Fluoranthene	**1**	**mg/kg**	**0.040**	**0.23**
Fluorene	1	mg/kg	0.040	ND
Hexachlorobenzene	1	mg/kg	0.040	ND
Hexachlorobutadiene	1	mg/kg	0.040	ND
Hexachlorocyclopentadiene	1	mg/kg	0.13	ND
Hexachloroethane	1	mg/kg	0.040	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.040**	**0.099**
Isophorone	1	mg/kg	0.040	ND
Naphthalene	**1**	**mg/kg**	**0.010**	**0.033**
Nitrobenzene	1	mg/kg	0.040	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.011	ND
N-Nitrosodiphenylamine	1	mg/kg	0.040	ND
Pentachlorophenol	1	mg/kg	0.20	ND
Phenanthrene	**1**	**mg/kg**	**0.040**	**0.17**
Phenol	1	mg/kg	0.040	ND
Pyrene	**1**	**mg/kg**	**0.040**	**0.22**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**24**	**19000**
Antimony	**1**	**mg/kg**	**0.36**	**1.9**
Arsenic	**1**	**mg/kg**	**0.24**	**12**
Barium	**1**	**mg/kg**	**0.60**	**150**
Beryllium	**1**	**mg/kg**	**0.12**	**1.0**
Cadmium	**1**	**mg/kg**	**0.24**	**0.27**
Calcium	**25**	**mg/kg**	**3000**	**96000**
Chromium	**1**	**mg/kg**	**0.24**	**48**
Cobalt	**1**	**mg/kg**	**0.24**	**6.4**
Copper	**1**	**mg/kg**	**1.2**	**68**
Iron	**1**	**mg/kg**	**36**	**46000**
Lead	**1**	**mg/kg**	**0.36**	**170**
Magnesium	**1**	**mg/kg**	**120**	**9600**
Manganese	**25**	**mg/kg**	**30**	**8300**
Nickel	**1**	**mg/kg**	**1.2**	**13**
Potassium	**1**	**mg/kg**	**120**	**2800**
Selenium	**1**	**mg/kg**	**1.2**	**3.5**
Silver	1	mg/kg	0.24	ND
Sodium	**1**	**mg/kg**	**120**	**1100**
Thallium	1	mg/kg	0.24	ND
Vanadium	**1**	**mg/kg**	**0.24**	**89**

Sample ID: SB-15 **Collection Date:** 8/27/2024
Lab#: AD46656-010 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.8**	**120**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.871	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.871	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.871	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.871	mg/kg	0.0021	ND
1,1-Dichloroethane	0.871	mg/kg	0.0021	ND
1,1-Dichloroethene	0.871	mg/kg	0.0021	ND
1,2,3-Trichlorobenzene	0.871	mg/kg	0.0021	ND
1,2,4-Trichlorobenzene	0.871	mg/kg	0.0021	ND
1,2-Dibromo-3-chloropropane	0.871	mg/kg	0.0021	ND
1,2-Dibromoethane	0.871	mg/kg	0.0010	ND
1,2-Dichlorobenzene	0.871	mg/kg	0.0021	ND
1,2-Dichloroethane	0.871	mg/kg	0.0021	ND
1,2-Dichloropropane	0.871	mg/kg	0.0021	ND
1,3-Dichlorobenzene	0.871	mg/kg	0.0021	ND
1,3-Dichloropropene (Total)	0.871	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.871	mg/kg	0.0021	ND
1,4-Dioxane	0.871	mg/kg	0.10	ND
2-Butanone	**0.871**	**mg/kg**	**0.0021**	**0.021**
2-Hexanone	0.871	mg/kg	0.0021	ND
4-Methyl-2-pentanone	0.871	mg/kg	0.0021	ND
Acetone	**0.871**	**mg/kg**	**0.010**	**0.14**
Benzene	0.871	mg/kg	0.0010	ND
Bromochloromethane	0.871	mg/kg	0.0021	ND
Bromodichloromethane	0.871	mg/kg	0.0021	ND
Bromoform	0.871	mg/kg	0.0021	ND
Bromomethane	0.871	mg/kg	0.0021	ND
Carbon disulfide	0.871	mg/kg	0.0021	ND
Carbon tetrachloride	0.871	mg/kg	0.0021	ND
Chlorobenzene	0.871	mg/kg	0.0021	ND
Chloroethane	0.871	mg/kg	0.0021	ND
Chloroform	0.871	mg/kg	0.0021	ND
Chloromethane	0.871	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.871	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.871	mg/kg	0.0021	ND
Cyclohexane	0.871	mg/kg	0.0021	ND
Dibromochloromethane	0.871	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.871	mg/kg	0.0021	ND
Ethylbenzene	0.871	mg/kg	0.0010	ND
Isopropylbenzene	0.871	mg/kg	0.0010	ND
m&p-Xylenes	0.871	mg/kg	0.0015	ND
Methyl Acetate	0.871	mg/kg	0.0021	ND
Methylcyclohexane	0.871	mg/kg	0.0021	ND
Methylene chloride	0.871	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.871	mg/kg	0.0010	ND
o-Xylene	0.871	mg/kg	0.0010	ND
Styrene	0.871	mg/kg	0.0021	ND
Tetrachloroethene	0.871	mg/kg	0.0021	ND
Toluene	0.871	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.871	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.871	mg/kg	0.0021	ND
Trichloroethene	0.871	mg/kg	0.0021	ND
Trichlorofluoromethane	0.871	mg/kg	0.0021	ND
Vinyl chloride	0.871	mg/kg	0.0021	ND
Xylenes (Total)	0.871	mg/kg	0.0010	ND

Sample ID: SB-3 | **Collection Date: 8/27/2024**
Lab#: AD46656-011 | **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**84**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.099	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	ND
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	ND
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	91.82	100	13	171	92	
TCMX-Surrogate	95.17	100	13	171	95	
DCB-Surrogate	95.72	100	10	186	96	
DCB-Surrogate	93.48	100	10	186	93	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.039	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.039	ND
1,4-Dioxane	1	mg/kg	0.0097	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.039	ND
2,4,5-Trichlorophenol	1	mg/kg	0.039	ND
2,4,6-Trichlorophenol	1	mg/kg	0.039	ND
2,4-Dichlorophenol	1	mg/kg	0.0097	ND
2,4-Dimethylphenol	1	mg/kg	0.013	ND
2,4-Dinitrophenol	1	mg/kg	0.19	ND
2,4-Dinitrotoluene	1	mg/kg	0.039	ND
2,6-Dinitrotoluene	1	mg/kg	0.039	ND
2-Chloronaphthalene	1	mg/kg	0.039	ND
2-Chlorophenol	1	mg/kg	0.039	ND
2-Methylnaphthalene	1	mg/kg	0.039	ND
2-Methylphenol	1	mg/kg	0.012	ND
2-Nitroaniline	1	mg/kg	0.039	ND
2-Nitrophenol	1	mg/kg	0.039	ND
3&4-Methylphenol	1	mg/kg	0.012	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.039	ND
3-Nitroaniline	1	mg/kg	0.039	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.19	ND
4-Bromophenyl-phenylether	1	mg/kg	0.039	ND
4-Chloro-3-methylphenol	1	mg/kg	0.039	ND
4-Chloroaniline	1	mg/kg	0.011	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.039	ND
4-Nitroaniline	1	mg/kg	0.039	ND
4-Nitrophenol	1	mg/kg	0.039	ND
Acenaphthene	**1**	**mg/kg**	**0.039**	**0.043**
Acenaphthylene	1	mg/kg	0.039	ND
Acetophenone	1	mg/kg	0.039	ND
Anthracene	**1**	**mg/kg**	**0.039**	**0.13**

Sample ID: SB-3 **Collection Date: 8/27/2024**
Lab#: AD46656-011 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.039	ND
Benzaldehyde	1	mg/kg	0.039	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.039**	**0.26**
Benzo[a]pyrene	**1**	**mg/kg**	**0.039**	**0.22**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.039**	**0.28**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.039**	**0.13**
Benzo[k]fluoranthene	**1**	**mg/kg**	**0.039**	**0.11**
bis(2-Chloroethoxy)methane	1	mg/kg	0.039	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.015	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.039	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.039	ND
Butylbenzylphthalate	1	mg/kg	0.039	ND
Caprolactam	1	mg/kg	0.039	ND
Carbazole	**1**	**mg/kg**	**0.039**	**0.069**
Chrysene	**1**	**mg/kg**	**0.039**	**0.25**
Dibenzo[a,h]anthracene	1	mg/kg	0.039	ND
Dibenzofuran	**1**	**mg/kg**	**0.010**	**0.037**
Diethylphthalate	1	mg/kg	0.039	ND
Dimethylphthalate	1	mg/kg	0.039	ND
Di-n-butylphthalate	1	mg/kg	0.017	ND
Di-n-octylphthalate	1	mg/kg	0.039	ND
Fluoranthene	**1**	**mg/kg**	**0.039**	**0.54**
Fluorene	**1**	**mg/kg**	**0.039**	**0.053**
Hexachlorobenzene	1	mg/kg	0.039	ND
Hexachlorobutadiene	1	mg/kg	0.039	ND
Hexachlorocyclopentadiene	1	mg/kg	0.13	ND
Hexachloroethane	1	mg/kg	0.039	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.039**	**0.10**
Isophorone	1	mg/kg	0.039	ND
Naphthalene	**1**	**mg/kg**	**0.0097**	**0.035**
Nitrobenzene	1	mg/kg	0.039	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.011	ND
N-Nitrosodiphenylamine	1	mg/kg	0.039	ND
Pentachlorophenol	1	mg/kg	0.19	ND
Phenanthrene	**1**	**mg/kg**	**0.039**	**0.47**
Phenol	1	mg/kg	0.039	ND
Pyrene	**1**	**mg/kg**	**0.039**	**0.43**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**24**	**11000**
Antimony	1	mg/kg	0.36	ND
Arsenic	**1**	**mg/kg**	**0.24**	**3.6**
Barium	**1**	**mg/kg**	**0.60**	**140**
Beryllium	**1**	**mg/kg**	**0.12**	**0.46**
Cadmium	1	mg/kg	0.24	ND
Calcium	**1**	**mg/kg**	**120**	**43000**
Chromium	**1**	**mg/kg**	**0.24**	**17**
Cobalt	**1**	**mg/kg**	**0.24**	**6.5**
Copper	**1**	**mg/kg**	**1.2**	**24**
Iron	**1**	**mg/kg**	**36**	**18000**
Lead	**1**	**mg/kg**	**0.36**	**79**
Magnesium	**1**	**mg/kg**	**120**	**19000**
Manganese	**1**	**mg/kg**	**1.2**	**470**
Nickel	**1**	**mg/kg**	**1.2**	**24**
Potassium	**1**	**mg/kg**	**120**	**1500**
Selenium	**1**	**mg/kg**	**1.2**	**2.3**
Silver	1	mg/kg	0.24	ND
Sodium	**1**	**mg/kg**	**120**	**310**
Thallium	1	mg/kg	0.24	ND
Vanadium	**1**	**mg/kg**	**0.24**	**18**

Sample ID: SB-3 **Collection Date:** 8/27/2024
Lab#: AD46656-011 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.8**	**94**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.975	mg/kg	0.0023	ND
1,1,2,2-Tetrachloroethane	0.975	mg/kg	0.0023	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.975	mg/kg	0.0023	ND
1,1,2-Trichloroethane	0.975	mg/kg	0.0023	ND
1,1-Dichloroethane	0.975	mg/kg	0.0023	ND
1,1-Dichloroethene	0.975	mg/kg	0.0023	ND
1,2,3-Trichlorobenzene	0.975	mg/kg	0.0023	ND
1,2,4-Trichlorobenzene	0.975	mg/kg	0.0023	ND
1,2-Dibromo-3-chloropropane	0.975	mg/kg	0.0023	ND
1,2-Dibromoethane	0.975	mg/kg	0.0012	ND
1,2-Dichlorobenzene	0.975	mg/kg	0.0023	ND
1,2-Dichloroethane	0.975	mg/kg	0.0023	ND
1,2-Dichloropropane	0.975	mg/kg	0.0023	ND
1,3-Dichlorobenzene	0.975	mg/kg	0.0023	ND
1,3-Dichloropropene (Total)	0.975	mg/kg	0.0023	ND
1,4-Dichlorobenzene	0.975	mg/kg	0.0023	ND
1,4-Dioxane	0.975	mg/kg	0.12	ND
2-Butanone	0.975	mg/kg	0.0023	ND
2-Hexanone	0.975	mg/kg	0.0023	ND
4-Methyl-2-pentanone	0.975	mg/kg	0.0023	ND
Acetone	**0.975**	**mg/kg**	**0.012**	**0.078**
Benzene	0.975	mg/kg	0.0012	ND
Bromochloromethane	0.975	mg/kg	0.0023	ND
Bromodichloromethane	0.975	mg/kg	0.0023	ND
Bromoform	0.975	mg/kg	0.0023	ND
Bromomethane	0.975	mg/kg	0.0023	ND
Carbon disulfide	0.975	mg/kg	0.0023	ND
Carbon tetrachloride	0.975	mg/kg	0.0023	ND
Chlorobenzene	0.975	mg/kg	0.0023	ND
Chloroethane	0.975	mg/kg	0.0023	ND
Chloroform	0.975	mg/kg	0.0023	ND
Chloromethane	0.975	mg/kg	0.0023	ND
cis-1,2-Dichloroethene	0.975	mg/kg	0.0023	ND
cis-1,3-Dichloropropene	0.975	mg/kg	0.0023	ND
Cyclohexane	0.975	mg/kg	0.0023	ND
Dibromochloromethane	0.975	mg/kg	0.0023	ND
Dichlorodifluoromethane	0.975	mg/kg	0.0023	ND
Ethylbenzene	0.975	mg/kg	0.0012	ND
Isopropylbenzene	0.975	mg/kg	0.0012	ND
m&p-Xylenes	0.975	mg/kg	0.0016	ND
Methyl Acetate	0.975	mg/kg	0.0023	ND
Methylcyclohexane	0.975	mg/kg	0.0023	ND
Methylene chloride	0.975	mg/kg	0.0023	ND
Methyl-t-butyl ether	0.975	mg/kg	0.0012	ND
o-Xylene	0.975	mg/kg	0.0012	ND
Styrene	0.975	mg/kg	0.0023	ND
Tetrachloroethene	0.975	mg/kg	0.0023	ND
Toluene	0.975	mg/kg	0.0012	ND
trans-1,2-Dichloroethene	0.975	mg/kg	0.0023	ND
trans-1,3-Dichloropropene	0.975	mg/kg	0.0023	ND
Trichloroethene	0.975	mg/kg	0.0023	ND
Trichlorofluoromethane	0.975	mg/kg	0.0023	ND
Vinyl chloride	0.975	mg/kg	0.0023	ND
Xylenes (Total)	0.975	mg/kg	0.0012	ND

Sample ID: SB-5 **Collection Date: 8/27/2024**
Lab#: AD46656-012 **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**86**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.097	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	90.92	100	13	171	91	
TCMX-Surrogate	93.88	100	13	171	94	
DCB-Surrogate	94.34	100	10	186	94	
DCB-Surrogate	91.92	100	10	186	92	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.038	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.038	ND
1,4-Dioxane	1	mg/kg	0.0095	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.038	ND
2,4,5-Trichlorophenol	1	mg/kg	0.038	ND
2,4,6-Trichlorophenol	1	mg/kg	0.038	ND
2,4-Dichlorophenol	1	mg/kg	0.0095	ND
2,4-Dimethylphenol	1	mg/kg	0.012	ND
2,4-Dinitrophenol	1	mg/kg	0.19	ND
2,4-Dinitrotoluene	1	mg/kg	0.038	ND
2,6-Dinitrotoluene	1	mg/kg	0.038	ND
2-Chloronaphthalene	1	mg/kg	0.038	ND
2-Chlorophenol	1	mg/kg	0.038	ND
2-Methylnaphthalene	**1**	**mg/kg**	**0.038**	**0.25**
2-Methylphenol	1	mg/kg	0.012	ND
2-Nitroaniline	1	mg/kg	0.038	ND
2-Nitrophenol	1	mg/kg	0.038	ND
3&4-Methylphenol	1	mg/kg	0.012	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.038	ND
3-Nitroaniline	1	mg/kg	0.038	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.19	ND
4-Bromophenyl-phenylether	1	mg/kg	0.038	ND
4-Chloro-3-methylphenol	1	mg/kg	0.038	ND
4-Chloroaniline	1	mg/kg	0.010	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.038	ND
4-Nitroaniline	1	mg/kg	0.038	ND
4-Nitrophenol	1	mg/kg	0.038	ND
Acenaphthene	1	mg/kg	0.038	ND
Acenaphthylene	1	mg/kg	0.038	ND
Acetophenone	1	mg/kg	0.038	ND
Anthracene	1	mg/kg	0.038	ND

Sample ID: SB-5 **Collection Date: 8/27/2024**
Lab#: AD46656-012 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.038	ND
Benzaldehyde	1	mg/kg	0.038	ND
Benzo[a]anthracene	1	mg/kg	0.038	ND
Benzo[a]pyrene	1	mg/kg	0.038	ND
Benzo[b]fluoranthene	1	mg/kg	0.038	ND
Benzo[g,h,i]perylene	1	mg/kg	0.038	ND
Benzo[k]fluoranthene	1	mg/kg	0.038	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.038	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.015	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.038	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.038	ND
Butylbenzylphthalate	1	mg/kg	0.038	ND
Caprolactam	1	mg/kg	0.038	ND
Carbazole	1	mg/kg	0.038	ND
Chrysene	1	mg/kg	0.038	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.038	ND
Dibenzofuran	1	mg/kg	0.0099	ND
Diethylphthalate	1	mg/kg	0.038	ND
Dimethylphthalate	1	mg/kg	0.038	ND
Di-n-butylphthalate	1	mg/kg	0.017	ND
Di-n-octylphthalate	1	mg/kg	0.038	ND
Fluoranthene	1	mg/kg	0.038	ND
Fluorene	1	mg/kg	0.038	ND
Hexachlorobenzene	1	mg/kg	0.038	ND
Hexachlorobutadiene	1	mg/kg	0.038	ND
Hexachlorocyclopentadiene	1	mg/kg	0.13	ND
Hexachloroethane	1	mg/kg	0.038	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.038	ND
Isophorone	1	mg/kg	0.038	ND
Naphthalene	**1**	**mg/kg**	**0.0095**	**0.096**
Nitrobenzene	1	mg/kg	0.038	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.011	ND
N-Nitrosodiphenylamine	1	mg/kg	0.038	ND
Pentachlorophenol	1	mg/kg	0.19	ND
Phenanthrene	1	mg/kg	0.038	ND
Phenol	1	mg/kg	0.038	ND
Pyrene	1	mg/kg	0.038	ND

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**23**	**11000**
Antimony	1	mg/kg	0.35	ND
Arsenic	**1**	**mg/kg**	**0.23**	**2.2**
Barium	**1**	**mg/kg**	**0.58**	**83**
Beryllium	**1**	**mg/kg**	**0.12**	**0.45**
Cadmium	1	mg/kg	0.23	ND
Calcium	**5**	**mg/kg**	**580**	**89000**
Chromium	**1**	**mg/kg**	**0.23**	**17**
Cobalt	**1**	**mg/kg**	**0.23**	**9.4**
Copper	**1**	**mg/kg**	**1.2**	**13**
Iron	**1**	**mg/kg**	**35**	**17000**
Lead	**1**	**mg/kg**	**0.35**	**13**
Magnesium	**1**	**mg/kg**	**120**	**32000**
Manganese	**1**	**mg/kg**	**1.2**	**550**
Nickel	**1**	**mg/kg**	**1.2**	**21**
Potassium	**1**	**mg/kg**	**120**	**1700**
Selenium	**1**	**mg/kg**	**1.2**	**2.7**
Silver	1	mg/kg	0.23	ND
Sodium	**1**	**mg/kg**	**120**	**330**
Thallium	1	mg/kg	0.23	ND
Vanadium	**1**	**mg/kg**	**0.23**	**20**

Sample ID: SB-5 **Collection Date: 8/27/2024**
Lab#: AD46656-012 **Receipt Date: 8/29/2024**
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.7**	**71**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.903	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.903	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.903	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.903	mg/kg	0.0021	ND
1,1-Dichloroethane	0.903	mg/kg	0.0021	ND
1,1-Dichloroethene	0.903	mg/kg	0.0021	ND
1,2,3-Trichlorobenzene	0.903	mg/kg	0.0021	ND
1,2,4-Trichlorobenzene	0.903	mg/kg	0.0021	ND
1,2-Dibromo-3-chloropropane	0.903	mg/kg	0.0021	ND
1,2-Dibromoethane	0.903	mg/kg	0.0010	ND
1,2-Dichlorobenzene	0.903	mg/kg	0.0021	ND
1,2-Dichloroethane	0.903	mg/kg	0.0021	ND
1,2-Dichloropropane	0.903	mg/kg	0.0021	ND
1,3-Dichlorobenzene	0.903	mg/kg	0.0021	ND
1,3-Dichloropropene (Total)	0.903	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.903	mg/kg	0.0021	ND
1,4-Dioxane	0.903	mg/kg	0.10	ND
2-Butanone	**0.903**	**mg/kg**	**0.0021**	**0.012**
2-Hexanone	0.903	mg/kg	0.0021	ND
4-Methyl-2-pentanone	0.903	mg/kg	0.0021	ND
Acetone	**0.903**	**mg/kg**	**0.010**	**0.092**
Benzene	0.903	mg/kg	0.0010	ND
Bromochloromethane	0.903	mg/kg	0.0021	ND
Bromodichloromethane	0.903	mg/kg	0.0021	ND
Bromoform	0.903	mg/kg	0.0021	ND
Bromomethane	0.903	mg/kg	0.0021	ND
Carbon disulfide	**0.903**	**mg/kg**	**0.0021**	**0.0039**
Carbon tetrachloride	0.903	mg/kg	0.0021	ND
Chlorobenzene	0.903	mg/kg	0.0021	ND
Chloroethane	0.903	mg/kg	0.0021	ND
Chloroform	0.903	mg/kg	0.0021	ND
Chloromethane	0.903	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.903	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.903	mg/kg	0.0021	ND
Cyclohexane	0.903	mg/kg	0.0021	ND
Dibromochloromethane	0.903	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.903	mg/kg	0.0021	ND
Ethylbenzene	0.903	mg/kg	0.0010	ND
Isopropylbenzene	0.903	mg/kg	0.0010	ND
m&p-Xylenes	0.903	mg/kg	0.0015	ND
Methyl Acetate	0.903	mg/kg	0.0021	ND
Methylcyclohexane	0.903	mg/kg	0.0021	ND
Methylene chloride	0.903	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.903	mg/kg	0.0010	ND
o-Xylene	0.903	mg/kg	0.0010	ND
Styrene	0.903	mg/kg	0.0021	ND
Tetrachloroethene	0.903	mg/kg	0.0021	ND
Toluene	0.903	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.903	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.903	mg/kg	0.0021	ND
Trichloroethene	0.903	mg/kg	0.0021	ND
Trichlorofluoromethane	0.903	mg/kg	0.0021	ND
Vinyl chloride	0.903	mg/kg	0.0021	ND
Xylenes (Total)	0.903	mg/kg	0.0010	ND

Sample ID: SB-14 **Collection Date:** 8/27/2024
Lab#: AD46656-013 **Receipt Date:** 8/29/2024
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		82

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.11	0.21

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	ND
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	ND
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	94.55	100	13	171	95	
TCMX-Surrogate	96.77	100	13	171	97	
DCB-Surrogate	96.91	100	10	186	97	
DCB-Surrogate	93.63	100	10	186	94	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.040	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.040	ND
1,4-Dioxane	1	mg/kg	0.0099	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.040	ND
2,4,5-Trichlorophenol	1	mg/kg	0.040	ND
2,4,6-Trichlorophenol	1	mg/kg	0.040	ND
2,4-Dichlorophenol	1	mg/kg	0.0099	ND
2,4-Dimethylphenol	1	mg/kg	0.013	ND
2,4-Dinitrophenol	1	mg/kg	0.20	ND
2,4-Dinitrotoluene	1	mg/kg	0.040	ND
2,6-Dinitrotoluene	1	mg/kg	0.040	ND
2-Chloronaphthalene	1	mg/kg	0.040	ND
2-Chlorophenol	1	mg/kg	0.040	ND
2-Methylnaphthalene	1	mg/kg	0.040	ND
2-Methylphenol	1	mg/kg	0.012	ND
2-Nitroaniline	1	mg/kg	0.040	ND
2-Nitrophenol	1	mg/kg	0.040	ND
3&4-Methylphenol	1	mg/kg	0.012	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.040	ND
3-Nitroaniline	1	mg/kg	0.040	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.20	ND
4-Bromophenyl-phenylether	1	mg/kg	0.040	ND
4-Chloro-3-methylphenol	1	mg/kg	0.040	ND
4-Chloroaniline	1	mg/kg	0.011	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.040	ND
4-Nitroaniline	1	mg/kg	0.040	ND
4-Nitrophenol	1	mg/kg	0.040	ND
Acenaphthene	1	mg/kg	0.040	ND
Acenaphthylene	1	mg/kg	0.040	ND
Acetophenone	1	mg/kg	0.040	ND
Anthracene	1	mg/kg	0.040	ND

Sample ID: SB-14 **Collection Date: 8/27/2024**
Lab#: AD46656-013 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.040	ND
Benzaldehyde	1	mg/kg	0.040	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.040**	**0.091**
Benzo[a]pyrene	**1**	**mg/kg**	**0.040**	**0.11**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.040**	**0.19**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.040**	**0.097**
Benzo[k]fluoranthene	**1**	**mg/kg**	**0.040**	**0.055**
bis(2-Chloroethoxy)methane	1	mg/kg	0.040	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.015	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.040	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.040	ND
Butylbenzylphthalate	1	mg/kg	0.040	ND
Caprolactam	1	mg/kg	0.040	ND
Carbazole	1	mg/kg	0.040	ND
Chrysene	**1**	**mg/kg**	**0.040**	**0.12**
Dibenzo[a,h]anthracene	1	mg/kg	0.040	ND
Dibenzofuran	**1**	**mg/kg**	**0.010**	**0.012**
Diethylphthalate	1	mg/kg	0.040	ND
Dimethylphthalate	**1**	**mg/kg**	**0.040**	**0.13**
Di-n-butylphthalate	1	mg/kg	0.018	ND
Di-n-octylphthalate	1	mg/kg	0.040	ND
Fluoranthene	**1**	**mg/kg**	**0.040**	**0.13**
Fluorene	1	mg/kg	0.040	ND
Hexachlorobenzene	1	mg/kg	0.040	ND
Hexachlorobutadiene	1	mg/kg	0.040	ND
Hexachlorocyclopentadiene	1	mg/kg	0.13	ND
Hexachloroethane	1	mg/kg	0.040	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.040**	**0.085**
Isophorone	1	mg/kg	0.040	ND
Naphthalene	**1**	**mg/kg**	**0.0099**	**0.023**
Nitrobenzene	1	mg/kg	0.040	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.011	ND
N-Nitrosodiphenylamine	1	mg/kg	0.040	ND
Pentachlorophenol	1	mg/kg	0.20	ND
Phenanthrene	**1**	**mg/kg**	**0.040**	**0.081**
Phenol	1	mg/kg	0.040	ND
Pyrene	**1**	**mg/kg**	**0.040**	**0.12**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**24**	**6600**
Antimony	**1**	**mg/kg**	**0.37**	**1.1**
Arsenic	**1**	**mg/kg**	**0.24**	**12**
Barium	**5**	**mg/kg**	**3.0**	**920**
Beryllium	**1**	**mg/kg**	**0.12**	**0.42**
Cadmium	**1**	**mg/kg**	**0.24**	**2.2**
Calcium	**5**	**mg/kg**	**610**	**130000**
Chromium	**1**	**mg/kg**	**0.24**	**23**
Cobalt	**1**	**mg/kg**	**0.24**	**6.9**
Copper	**1**	**mg/kg**	**1.2**	**100**
Iron	**1**	**mg/kg**	**37**	**18000**
Lead	**1**	**mg/kg**	**0.37**	**590**
Magnesium	**1**	**mg/kg**	**120**	**22000**
Manganese	**1**	**mg/kg**	**1.2**	**440**
Nickel	**1**	**mg/kg**	**1.2**	**23**
Potassium	**1**	**mg/kg**	**120**	**880**
Selenium	**1**	**mg/kg**	**1.2**	**1.9**
Silver	1	mg/kg	0.24	ND
Sodium	**1**	**mg/kg**	**120**	**240**
Thallium	1	mg/kg	0.24	ND
Vanadium	**1**	**mg/kg**	**0.24**	**16**

Sample ID: SB-14 **Collection Date:** 8/27/2024
Lab#: AD46656-013 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**5**	**mg/kg**	**24**	**800**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.865	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.865	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.865	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.865	mg/kg	0.0021	ND
1,1-Dichloroethane	0.865	mg/kg	0.0021	ND
1,1-Dichloroethene	0.865	mg/kg	0.0021	ND
1,2,3-Trichlorobenzene	0.865	mg/kg	0.0021	ND
1,2,4-Trichlorobenzene	0.865	mg/kg	0.0021	ND
1,2-Dibromo-3-chloropropane	0.865	mg/kg	0.0021	ND
1,2-Dibromoethane	0.865	mg/kg	0.0011	ND
1,2-Dichlorobenzene	0.865	mg/kg	0.0021	ND
1,2-Dichloroethane	0.865	mg/kg	0.0021	ND
1,2-Dichloropropane	0.865	mg/kg	0.0021	ND
1,3-Dichlorobenzene	0.865	mg/kg	0.0021	ND
1,3-Dichloropropene (Total)	0.865	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.865	mg/kg	0.0021	ND
1,4-Dioxane	0.865	mg/kg	0.11	ND
2-Butanone	0.865	mg/kg	0.0021	ND
2-Hexanone	0.865	mg/kg	0.0021	ND
4-Methyl-2-pentanone	0.865	mg/kg	0.0021	ND
Acetone	**0.865**	**mg/kg**	**0.011**	**0.12**
Benzene	0.865	mg/kg	0.0011	ND
Bromochloromethane	0.865	mg/kg	0.0021	ND
Bromodichloromethane	0.865	mg/kg	0.0021	ND
Bromoform	0.865	mg/kg	0.0021	ND
Bromomethane	0.865	mg/kg	0.0021	ND
Carbon disulfide	**0.865**	**mg/kg**	**0.0021**	**0.0023**
Carbon tetrachloride	0.865	mg/kg	0.0021	ND
Chlorobenzene	0.865	mg/kg	0.0021	ND
Chloroethane	0.865	mg/kg	0.0021	ND
Chloroform	0.865	mg/kg	0.0021	ND
Chloromethane	0.865	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.865	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.865	mg/kg	0.0021	ND
Cyclohexane	0.865	mg/kg	0.0021	ND
Dibromochloromethane	0.865	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.865	mg/kg	0.0021	ND
Ethylbenzene	0.865	mg/kg	0.0011	ND
Isopropylbenzene	0.865	mg/kg	0.0011	ND
m&p-Xylenes	0.865	mg/kg	0.0015	ND
Methyl Acetate	0.865	mg/kg	0.0021	ND
Methylcyclohexane	0.865	mg/kg	0.0021	ND
Methylene chloride	0.865	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.865	mg/kg	0.0011	ND
o-Xylene	0.865	mg/kg	0.0011	ND
Styrene	0.865	mg/kg	0.0021	ND
Tetrachloroethene	0.865	mg/kg	0.0021	ND
Toluene	0.865	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.865	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.865	mg/kg	0.0021	ND
Trichloroethene	0.865	mg/kg	0.0021	ND
Trichlorofluoromethane	0.865	mg/kg	0.0021	ND
Vinyl chloride	0.865	mg/kg	0.0021	ND
Xylenes (Total)	0.865	mg/kg	0.0011	ND

Sample ID: SB-13 | **Collection Date: 8/27/2024**
Lab#: AD46656-014 | **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**80**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.098	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.031	ND
Aroclor-1016	1	mg/kg	0.031	ND
Aroclor-1221	1	mg/kg	0.031	ND
Aroclor-1232	1	mg/kg	0.031	ND
Aroclor-1242	1	mg/kg	0.031	ND
Aroclor-1248	1	mg/kg	0.031	ND
Aroclor-1254	1	mg/kg	0.031	ND
Aroclor-1260	1	mg/kg	0.031	ND
Aroclor-1262	1	mg/kg	0.031	ND
Aroclor-1268	1	mg/kg	0.031	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	100.02	100	13	171	100	
TCMX-Surrogate	102.97	100	13	171	103	
DCB-Surrogate	102.90	100	10	186	103	
DCB-Surrogate	100.43	100	10	186	100	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.040	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.040	ND
1,4-Dioxane	1	mg/kg	0.010	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.040	ND
2,4,5-Trichlorophenol	1	mg/kg	0.040	ND
2,4,6-Trichlorophenol	1	mg/kg	0.040	ND
2,4-Dichlorophenol	1	mg/kg	0.010	ND
2,4-Dimethylphenol	1	mg/kg	0.013	ND
2,4-Dinitrophenol	1	mg/kg	0.20	ND
2,4-Dinitrotoluene	1	mg/kg	0.040	ND
2,6-Dinitrotoluene	1	mg/kg	0.040	ND
2-Chloronaphthalene	1	mg/kg	0.040	ND
2-Chlorophenol	1	mg/kg	0.040	ND
2-Methylnaphthalene	1	mg/kg	0.040	ND
2-Methylphenol	1	mg/kg	0.013	ND
2-Nitroaniline	1	mg/kg	0.040	ND
2-Nitrophenol	1	mg/kg	0.040	ND
3&4-Methylphenol	1	mg/kg	0.012	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.040	ND
3-Nitroaniline	1	mg/kg	0.040	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.20	ND
4-Bromophenyl-phenylether	1	mg/kg	0.040	ND
4-Chloro-3-methylphenol	1	mg/kg	0.040	ND
4-Chloroaniline	1	mg/kg	0.011	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.040	ND
4-Nitroaniline	1	mg/kg	0.040	ND
4-Nitrophenol	1	mg/kg	0.040	ND
Acenaphthene	1	mg/kg	0.040	ND
Acenaphthylene	1	mg/kg	0.040	ND
Acetophenone	1	mg/kg	0.040	ND
Anthracene	1	mg/kg	0.040	ND

Sample ID: SB-13 **Collection Date: 8/27/2024**
Lab#: AD46656-014 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.040	ND
Benzaldehyde	1	mg/kg	0.040	ND
Benzo[a]anthracene	1	mg/kg	0.040	ND
Benzo[a]pyrene	1	mg/kg	0.040	ND
Benzo[b]fluoranthene	1	mg/kg	0.040	ND
Benzo[g,h,i]perylene	1	mg/kg	0.040	ND
Benzo[k]fluoranthene	1	mg/kg	0.040	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.040	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.015	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.040	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.040	ND
Butylbenzylphthalate	1	mg/kg	0.040	ND
Caprolactam	1	mg/kg	0.040	ND
Carbazole	1	mg/kg	0.040	ND
Chrysene	1	mg/kg	0.040	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.040	ND
Dibenzofuran	**1**	**mg/kg**	**0.011**	**0.052**
Diethylphthalate	1	mg/kg	0.040	ND
Dimethylphthalate	1	mg/kg	0.040	ND
Di-n-butylphthalate	1	mg/kg	0.018	ND
Di-n-octylphthalate	1	mg/kg	0.040	ND
Fluoranthene	**1**	**mg/kg**	**0.040**	**0.082**
Fluorene	1	mg/kg	0.040	ND
Hexachlorobenzene	1	mg/kg	0.040	ND
Hexachlorobutadiene	1	mg/kg	0.040	ND
Hexachlorocyclopentadiene	1	mg/kg	0.13	ND
Hexachloroethane	1	mg/kg	0.040	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.040	ND
Isophorone	1	mg/kg	0.040	ND
Naphthalene	**1**	**mg/kg**	**0.010**	**0.033**
Nitrobenzene	1	mg/kg	0.040	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.011	ND
N-Nitrosodiphenylamine	1	mg/kg	0.040	ND
Pentachlorophenol	1	mg/kg	0.20	ND
Phenanthrene	**1**	**mg/kg**	**0.040**	**0.077**
Phenol	1	mg/kg	0.040	ND
Pyrene	**1**	**mg/kg**	**0.040**	**0.061**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**25**	**10000**
Antimony	1	mg/kg	0.38	ND
Arsenic	**1**	**mg/kg**	**0.25**	**4.6**
Barium	**1**	**mg/kg**	**0.62**	**87**
Beryllium	**1**	**mg/kg**	**0.12**	**0.48**
Cadmium	1	mg/kg	0.25	ND
Calcium	**5**	**mg/kg**	**620**	**67000**
Chromium	**1**	**mg/kg**	**0.25**	**16**
Cobalt	**1**	**mg/kg**	**0.25**	**8.4**
Copper	**1**	**mg/kg**	**1.2**	**20**
Iron	**1**	**mg/kg**	**38**	**27000**
Lead	**1**	**mg/kg**	**0.38**	**16**
Magnesium	**1**	**mg/kg**	**130**	**25000**
Manganese	**1**	**mg/kg**	**1.2**	**470**
Nickel	**1**	**mg/kg**	**1.2**	**21**
Potassium	**1**	**mg/kg**	**130**	**1500**
Selenium	**1**	**mg/kg**	**1.2**	**2.5**
Silver	1	mg/kg	0.25	ND
Sodium	1	mg/kg	130	ND
Thallium	1	mg/kg	0.25	ND
Vanadium	**1**	**mg/kg**	**0.25**	**22**

Sample ID: SB-13 **Collection Date:** 8/27/2024
Lab#: AD46656-014 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**5.0**	**72**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.868	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	0.868	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.868	mg/kg	0.0022	ND
1,1,2-Trichloroethane	0.868	mg/kg	0.0022	ND
1,1-Dichloroethane	0.868	mg/kg	0.0022	ND
1,1-Dichloroethene	0.868	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	0.868	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	0.868	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	0.868	mg/kg	0.0022	ND
1,2-Dibromoethane	0.868	mg/kg	0.0011	ND
1,2-Dichlorobenzene	0.868	mg/kg	0.0022	ND
1,2-Dichloroethane	0.868	mg/kg	0.0022	ND
1,2-Dichloropropane	0.868	mg/kg	0.0022	ND
1,3-Dichlorobenzene	0.868	mg/kg	0.0022	ND
1,3-Dichloropropene (Total)	0.868	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.868	mg/kg	0.0022	ND
1,4-Dioxane	0.868	mg/kg	0.11	ND
2-Butanone	**0.868**	**mg/kg**	**0.0022**	**0.0041**
2-Hexanone	0.868	mg/kg	0.0022	ND
4-Methyl-2-pentanone	0.868	mg/kg	0.0022	ND
Acetone	**0.868**	**mg/kg**	**0.011**	**0.11**
Benzene	0.868	mg/kg	0.0011	ND
Bromochloromethane	0.868	mg/kg	0.0022	ND
Bromodichloromethane	0.868	mg/kg	0.0022	ND
Bromoform	0.868	mg/kg	0.0022	ND
Bromomethane	0.868	mg/kg	0.0022	ND
Carbon disulfide	**0.868**	**mg/kg**	**0.0022**	**0.0023**
Carbon tetrachloride	0.868	mg/kg	0.0022	ND
Chlorobenzene	0.868	mg/kg	0.0022	ND
Chloroethane	0.868	mg/kg	0.0022	ND
Chloroform	0.868	mg/kg	0.0022	ND
Chloromethane	0.868	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.868	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	0.868	mg/kg	0.0022	ND
Cyclohexane	0.868	mg/kg	0.0022	ND
Dibromochloromethane	0.868	mg/kg	0.0022	ND
Dichlorodifluoromethane	0.868	mg/kg	0.0022	ND
Ethylbenzene	0.868	mg/kg	0.0011	ND
Isopropylbenzene	0.868	mg/kg	0.0011	ND
m&p-Xylenes	0.868	mg/kg	0.0015	ND
Methyl Acetate	0.868	mg/kg	0.0022	ND
Methylcyclohexane	0.868	mg/kg	0.0022	ND
Methylene chloride	0.868	mg/kg	0.0022	ND
Methyl-t-butyl ether	0.868	mg/kg	0.0011	ND
o-Xylene	0.868	mg/kg	0.0011	ND
Styrene	0.868	mg/kg	0.0022	ND
Tetrachloroethene	0.868	mg/kg	0.0022	ND
Toluene	0.868	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.868	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	0.868	mg/kg	0.0022	ND
Trichloroethene	0.868	mg/kg	0.0022	ND
Trichlorofluoromethane	0.868	mg/kg	0.0022	ND
Vinyl chloride	0.868	mg/kg	0.0022	ND
Xylenes (Total)	0.868	mg/kg	0.0011	ND

Sample ID: SB-9 **Collection Date:** 8/27/2024
Lab#: AD46656-015 **Receipt Date:** 8/29/2024
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.094	0.22

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	95.97	100	13	171	96	
TCMX-Surrogate	97.61	100	13	171	98	
DCB-Surrogate	96.41	100	10	186	96	
DCB-Surrogate	93.85	100	10	186	94	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.037	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.037	ND
1,4-Dioxane	1	mg/kg	0.0093	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.037	ND
2,4,5-Trichlorophenol	1	mg/kg	0.037	ND
2,4,6-Trichlorophenol	1	mg/kg	0.037	ND
2,4-Dichlorophenol	1	mg/kg	0.0093	ND
2,4-Dimethylphenol	1	mg/kg	0.012	ND
2,4-Dinitrophenol	1	mg/kg	0.19	ND
2,4-Dinitrotoluene	1	mg/kg	0.037	ND
2,6-Dinitrotoluene	1	mg/kg	0.037	ND
2-Chloronaphthalene	1	mg/kg	0.037	ND
2-Chlorophenol	1	mg/kg	0.037	ND
2-Methylnaphthalene	1	mg/kg	0.037	ND
2-Methylphenol	1	mg/kg	0.012	ND
2-Nitroaniline	1	mg/kg	0.037	ND
2-Nitrophenol	1	mg/kg	0.037	ND
3&4-Methylphenol	1	mg/kg	0.011	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.037	ND
3-Nitroaniline	1	mg/kg	0.037	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.19	ND
4-Bromophenyl-phenylether	1	mg/kg	0.037	ND
4-Chloro-3-methylphenol	1	mg/kg	0.037	ND
4-Chloroaniline	1	mg/kg	0.010	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.037	ND
4-Nitroaniline	1	mg/kg	0.037	ND
4-Nitrophenol	1	mg/kg	0.037	ND
Acenaphthene	1	mg/kg	0.037	ND
Acenaphthylene	1	mg/kg	0.037	ND
Acetophenone	1	mg/kg	0.037	ND
Anthracene	1	mg/kg	0.037	ND

Sample ID: SB-9 **Collection Date: 8/27/2024**
Lab#: AD46656-015 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.037	ND
Benzaldehyde	1	mg/kg	0.037	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.037**	**0.083**
Benzo[a]pyrene	**1**	**mg/kg**	**0.037**	**0.096**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.037**	**0.12**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.037**	**0.086**
Benzo[k]fluoranthene	**1**	**mg/kg**	**0.037**	**0.040**
bis(2-Chloroethoxy)methane	1	mg/kg	0.037	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.014	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.037	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.037	ND
Butylbenzylphthalate	1	mg/kg	0.037	ND
Caprolactam	1	mg/kg	0.037	ND
Carbazole	1	mg/kg	0.037	ND
Chrysene	**1**	**mg/kg**	**0.037**	**0.11**
Dibenzo[a,h]anthracene	1	mg/kg	0.037	ND
Dibenzofuran	**1**	**mg/kg**	**0.0097**	**0.0097**
Diethylphthalate	1	mg/kg	0.037	ND
Dimethylphthalate	1	mg/kg	0.037	ND
Di-n-butylphthalate	1	mg/kg	0.017	ND
Di-n-octylphthalate	1	mg/kg	0.037	ND
Fluoranthene	**1**	**mg/kg**	**0.037**	**0.12**
Fluorene	1	mg/kg	0.037	ND
Hexachlorobenzene	1	mg/kg	0.037	ND
Hexachlorobutadiene	1	mg/kg	0.037	ND
Hexachlorocyclopentadiene	1	mg/kg	0.12	ND
Hexachloroethane	1	mg/kg	0.037	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.037**	**0.057**
Isophorone	1	mg/kg	0.037	ND
Naphthalene	**1**	**mg/kg**	**0.0093**	**0.017**
Nitrobenzene	1	mg/kg	0.037	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.010	ND
N-Nitrosodiphenylamine	1	mg/kg	0.037	ND
Pentachlorophenol	1	mg/kg	0.19	ND
Phenanthrene	**1**	**mg/kg**	**0.037**	**0.089**
Phenol	1	mg/kg	0.037	ND
Pyrene	**1**	**mg/kg**	**0.037**	**0.13**

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**22**	**6300**
Antimony	**2**	**mg/kg**	**0.66**	**3.4**
Arsenic	**1**	**mg/kg**	**0.22**	**15**
Barium	**1**	**mg/kg**	**0.55**	**130**
Beryllium	**1**	**mg/kg**	**0.11**	**0.53**
Cadmium	2	mg/kg	0.44	ND
Calcium	**1**	**mg/kg**	**110**	**31000**
Chromium	**1**	**mg/kg**	**0.22**	**12**
Cobalt	**1**	**mg/kg**	**0.22**	**6.8**
Copper	**1**	**mg/kg**	**1.1**	**37**
Iron	**1**	**mg/kg**	**33**	**38000**
Lead	**1**	**mg/kg**	**0.33**	**160**
Magnesium	**1**	**mg/kg**	**110**	**9500**
Manganese	**1**	**mg/kg**	**1.1**	**370**
Nickel	**1**	**mg/kg**	**1.1**	**15**
Potassium	**1**	**mg/kg**	**110**	**1000**
Selenium	**1**	**mg/kg**	**1.1**	**1.8**
Silver	2	mg/kg	0.44	ND
Sodium	1	mg/kg	110	ND
Thallium	1	mg/kg	0.22	ND
Vanadium	**1**	**mg/kg**	**0.22**	**17**

Sample ID: SB-9 **Collection Date:** 8/27/2024
Lab#: AD46656-015 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.4**	**210**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.826	mg/kg	0.0019	ND
1,1,2,2-Tetrachloroethane	0.826	mg/kg	0.0019	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.826	mg/kg	0.0019	ND
1,1,2-Trichloroethane	0.826	mg/kg	0.0019	ND
1,1-Dichloroethane	0.826	mg/kg	0.0019	ND
1,1-Dichloroethene	0.826	mg/kg	0.0019	ND
1,2,3-Trichlorobenzene	0.826	mg/kg	0.0019	ND
1,2,4-Trichlorobenzene	0.826	mg/kg	0.0019	ND
1,2-Dibromo-3-chloropropane	0.826	mg/kg	0.0019	ND
1,2-Dibromoethane	0.826	mg/kg	0.00093	ND
1,2-Dichlorobenzene	0.826	mg/kg	0.0019	ND
1,2-Dichloroethane	0.826	mg/kg	0.0019	ND
1,2-Dichloropropane	0.826	mg/kg	0.0019	ND
1,3-Dichlorobenzene	0.826	mg/kg	0.0019	ND
1,3-Dichloropropene (Total)	0.826	mg/kg	0.0019	ND
1,4-Dichlorobenzene	0.826	mg/kg	0.0019	ND
1,4-Dioxane	0.826	mg/kg	0.093	ND
2-Butanone	0.826	mg/kg	0.0019	ND
2-Hexanone	0.826	mg/kg	0.0019	ND
4-Methyl-2-pentanone	0.826	mg/kg	0.0019	ND
Acetone	0.826	mg/kg	0.0093	ND
Benzene	0.826	mg/kg	0.00093	ND
Bromochloromethane	0.826	mg/kg	0.0019	ND
Bromodichloromethane	0.826	mg/kg	0.0019	ND
Bromoform	0.826	mg/kg	0.0019	ND
Bromomethane	0.826	mg/kg	0.0019	ND
Carbon disulfide	0.826	mg/kg	0.0019	ND
Carbon tetrachloride	0.826	mg/kg	0.0019	ND
Chlorobenzene	0.826	mg/kg	0.0019	ND
Chloroethane	0.826	mg/kg	0.0019	ND
Chloroform	0.826	mg/kg	0.0019	ND
Chloromethane	0.826	mg/kg	0.0019	ND
cis-1,2-Dichloroethene	0.826	mg/kg	0.0019	ND
cis-1,3-Dichloropropene	0.826	mg/kg	0.0019	ND
Cyclohexane	0.826	mg/kg	0.0019	ND
Dibromochloromethane	0.826	mg/kg	0.0019	ND
Dichlorodifluoromethane	0.826	mg/kg	0.0019	ND
Ethylbenzene	0.826	mg/kg	0.00093	ND
Isopropylbenzene	0.826	mg/kg	0.00093	ND
m&p-Xylenes	0.826	mg/kg	0.0013	ND
Methyl Acetate	0.826	mg/kg	0.0019	ND
Methylcyclohexane	0.826	mg/kg	0.0019	ND
Methylene chloride	0.826	mg/kg	0.0019	ND
Methyl-t-butyl ether	0.826	mg/kg	0.00093	ND
o-Xylene	0.826	mg/kg	0.00093	ND
Styrene	0.826	mg/kg	0.0019	ND
Tetrachloroethene	0.826	mg/kg	0.0019	ND
Toluene	0.826	mg/kg	0.00093	ND
trans-1,2-Dichloroethene	0.826	mg/kg	0.0019	ND
trans-1,3-Dichloropropene	0.826	mg/kg	0.0019	ND
Trichloroethene	0.826	mg/kg	0.0019	ND
Trichlorofluoromethane	0.826	mg/kg	0.0019	ND
Vinyl chloride	0.826	mg/kg	0.0019	ND
Xylenes (Total)	0.826	mg/kg	0.00093	ND

Sample ID: SB-10 **Collection Date: 8/27/2024**
Lab#: AD46656-016 **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**85**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.098	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	97.04	100	13	171	97	
TCMX-Surrogate	100.58	100	13	171	101	
DCB-Surrogate	99.26	100	10	186	99	
DCB-Surrogate	97.18	100	10	186	97	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.038	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.038	ND
1,4-Dioxane	1	mg/kg	0.0096	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.038	ND
2,4,5-Trichlorophenol	1	mg/kg	0.038	ND
2,4,6-Trichlorophenol	1	mg/kg	0.038	ND
2,4-Dichlorophenol	1	mg/kg	0.0096	ND
2,4-Dimethylphenol	1	mg/kg	0.012	ND
2,4-Dinitrophenol	1	mg/kg	0.19	ND
2,4-Dinitrotoluene	1	mg/kg	0.038	ND
2,6-Dinitrotoluene	1	mg/kg	0.038	ND
2-Chloronaphthalene	1	mg/kg	0.038	ND
2-Chlorophenol	1	mg/kg	0.038	ND
2-Methylnaphthalene	1	mg/kg	0.038	ND
2-Methylphenol	1	mg/kg	0.012	ND
2-Nitroaniline	1	mg/kg	0.038	ND
2-Nitrophenol	1	mg/kg	0.038	ND
3&4-Methylphenol	1	mg/kg	0.012	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.038	ND
3-Nitroaniline	1	mg/kg	0.038	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.19	ND
4-Bromophenyl-phenylether	1	mg/kg	0.038	ND
4-Chloro-3-methylphenol	1	mg/kg	0.038	ND
4-Chloroaniline	1	mg/kg	0.010	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.038	ND
4-Nitroaniline	1	mg/kg	0.038	ND
4-Nitrophenol	1	mg/kg	0.038	ND
Acenaphthene	1	mg/kg	0.038	ND
Acenaphthylene	1	mg/kg	0.038	ND
Acetophenone	1	mg/kg	0.038	ND
Anthracene	1	mg/kg	0.038	ND

Sample ID: SB-10 **Collection Date: 8/27/2024**
Lab#: AD46656-016 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.038	ND
Benzaldehyde	1	mg/kg	0.038	ND
Benzo[a]anthracene	1	mg/kg	0.038	ND
Benzo[a]pyrene	1	mg/kg	0.038	ND
Benzo[b]fluoranthene	1	mg/kg	0.038	ND
Benzo[g,h,i]perylene	1	mg/kg	0.038	ND
Benzo[k]fluoranthene	1	mg/kg	0.038	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.038	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.015	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.038	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.038	ND
Butylbenzylphthalate	1	mg/kg	0.038	ND
Caprolactam	1	mg/kg	0.038	ND
Carbazole	1	mg/kg	0.038	ND
Chrysene	1	mg/kg	0.038	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.038	ND
Dibenzofuran	1	mg/kg	0.010	ND
Diethylphthalate	1	mg/kg	0.038	ND
Dimethylphthalate	1	mg/kg	0.038	ND
Di-n-butylphthalate	1	mg/kg	0.017	ND
Di-n-octylphthalate	1	mg/kg	0.038	ND
Fluoranthene	1	mg/kg	0.038	ND
Fluorene	1	mg/kg	0.038	ND
Hexachlorobenzene	1	mg/kg	0.038	ND
Hexachlorobutadiene	1	mg/kg	0.038	ND
Hexachlorocyclopentadiene	1	mg/kg	0.13	ND
Hexachloroethane	1	mg/kg	0.038	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.038	ND
Isophorone	1	mg/kg	0.038	ND
Naphthalene	1	mg/kg	0.0096	ND
Nitrobenzene	1	mg/kg	0.038	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.011	ND
N-Nitrosodiphenylamine	1	mg/kg	0.038	ND
Pentachlorophenol	1	mg/kg	0.19	ND
Phenanthrene	1	mg/kg	0.038	ND
Phenol	1	mg/kg	0.038	ND
Pyrene	1	mg/kg	0.038	ND

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**24**	**12000**
Antimony	1	mg/kg	0.35	ND
Arsenic	**1**	**mg/kg**	**0.24**	**2.3**
Barium	**1**	**mg/kg**	**0.59**	**100**
Beryllium	**1**	**mg/kg**	**0.12**	**0.53**
Cadmium	1	mg/kg	0.24	ND
Calcium	**5**	**mg/kg**	**590**	**120000**
Chromium	**1**	**mg/kg**	**0.24**	**19**
Cobalt	**1**	**mg/kg**	**0.24**	**7.7**
Copper	**1**	**mg/kg**	**1.2**	**14**
Iron	**1**	**mg/kg**	**35**	**20000**
Lead	**1**	**mg/kg**	**0.35**	**15**
Magnesium	**1**	**mg/kg**	**120**	**29000**
Manganese	**1**	**mg/kg**	**1.2**	**450**
Nickel	**1**	**mg/kg**	**1.2**	**21**
Potassium	**1**	**mg/kg**	**120**	**1900**
Selenium	**1**	**mg/kg**	**1.2**	**2.7**
Silver	1	mg/kg	0.24	ND
Sodium	**1**	**mg/kg**	**120**	**210**
Thallium	1	mg/kg	0.24	ND
Vanadium	**1**	**mg/kg**	**0.24**	**22**

Sample ID: SB-10 **Collection Date:** 8/27/2024
Lab#: AD46656-016 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.7**	**67**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.936	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	0.936	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.936	mg/kg	0.0022	ND
1,1,2-Trichloroethane	0.936	mg/kg	0.0022	ND
1,1-Dichloroethane	0.936	mg/kg	0.0022	ND
1,1-Dichloroethene	0.936	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	0.936	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	0.936	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	0.936	mg/kg	0.0022	ND
1,2-Dibromoethane	0.936	mg/kg	0.0011	ND
1,2-Dichlorobenzene	0.936	mg/kg	0.0022	ND
1,2-Dichloroethane	0.936	mg/kg	0.0022	ND
1,2-Dichloropropane	0.936	mg/kg	0.0022	ND
1,3-Dichlorobenzene	0.936	mg/kg	0.0022	ND
1,3-Dichloropropene (Total)	0.936	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.936	mg/kg	0.0022	ND
1,4-Dioxane	0.936	mg/kg	0.11	ND
2-Butanone	0.936	mg/kg	0.0022	ND
2-Hexanone	0.936	mg/kg	0.0022	ND
4-Methyl-2-pentanone	0.936	mg/kg	0.0022	ND
Acetone	**0.936**	**mg/kg**	**0.011**	**0.22**
Benzene	0.936	mg/kg	0.0011	ND
Bromochloromethane	0.936	mg/kg	0.0022	ND
Bromodichloromethane	0.936	mg/kg	0.0022	ND
Bromoform	0.936	mg/kg	0.0022	ND
Bromomethane	0.936	mg/kg	0.0022	ND
Carbon disulfide	0.936	mg/kg	0.0022	ND
Carbon tetrachloride	0.936	mg/kg	0.0022	ND
Chlorobenzene	0.936	mg/kg	0.0022	ND
Chloroethane	0.936	mg/kg	0.0022	ND
Chloroform	0.936	mg/kg	0.0022	ND
Chloromethane	0.936	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.936	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	0.936	mg/kg	0.0022	ND
Cyclohexane	0.936	mg/kg	0.0022	ND
Dibromochloromethane	0.936	mg/kg	0.0022	ND
Dichlorodifluoromethane	0.936	mg/kg	0.0022	ND
Ethylbenzene	0.936	mg/kg	0.0011	ND
Isopropylbenzene	0.936	mg/kg	0.0011	ND
m&p-Xylenes	0.936	mg/kg	0.0015	ND
Methyl Acetate	0.936	mg/kg	0.0022	ND
Methylcyclohexane	0.936	mg/kg	0.0022	ND
Methylene chloride	0.936	mg/kg	0.0022	ND
Methyl-t-butyl ether	0.936	mg/kg	0.0011	ND
o-Xylene	0.936	mg/kg	0.0011	ND
Styrene	0.936	mg/kg	0.0022	ND
Tetrachloroethene	0.936	mg/kg	0.0022	ND
Toluene	0.936	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.936	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	0.936	mg/kg	0.0022	ND
Trichloroethene	0.936	mg/kg	0.0022	ND
Trichlorofluoromethane	0.936	mg/kg	0.0022	ND
Vinyl chloride	0.936	mg/kg	0.0022	ND
Xylenes (Total)	0.936	mg/kg	0.0011	ND

Sample ID: SB-8 **Collection Date: 8/27/2024**
Lab#: AD46656-017 **Receipt Date: 8/29/2024**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**85**

Mercury (Soil/Waste) 7471B

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.098	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	97.33	100	13	171	97	
TCMX-Surrogate	109.07	100	13	171	109	
DCB-Surrogate	73.25	100	10	186	73	
DCB-Surrogate	78.87	100	10	186	79	

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.039	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.039	ND
1,4-Dioxane	1	mg/kg	0.0097	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.039	ND
2,4,5-Trichlorophenol	1	mg/kg	0.039	ND
2,4,6-Trichlorophenol	1	mg/kg	0.039	ND
2,4-Dichlorophenol	1	mg/kg	0.0097	ND
2,4-Dimethylphenol	1	mg/kg	0.013	ND
2,4-Dinitrophenol	1	mg/kg	0.19	ND
2,4-Dinitrotoluene	1	mg/kg	0.039	ND
2,6-Dinitrotoluene	1	mg/kg	0.039	ND
2-Chloronaphthalene	1	mg/kg	0.039	ND
2-Chlorophenol	1	mg/kg	0.039	ND
2-Methylnaphthalene	1	mg/kg	0.039	ND
2-Methylphenol	1	mg/kg	0.012	ND
2-Nitroaniline	1	mg/kg	0.039	ND
2-Nitrophenol	1	mg/kg	0.039	ND
3&4-Methylphenol	1	mg/kg	0.012	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.039	ND
3-Nitroaniline	1	mg/kg	0.039	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.19	ND
4-Bromophenyl-phenylether	1	mg/kg	0.039	ND
4-Chloro-3-methylphenol	1	mg/kg	0.039	ND
4-Chloroaniline	1	mg/kg	0.011	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.039	ND
4-Nitroaniline	1	mg/kg	0.039	ND
4-Nitrophenol	1	mg/kg	0.039	ND
Acenaphthene	1	mg/kg	0.039	ND
Acenaphthylene	1	mg/kg	0.039	ND
Acetophenone	1	mg/kg	0.039	ND
Anthracene	1	mg/kg	0.039	ND

Sample ID: SB-8 **Collection Date: 8/27/2024**
Lab#: AD46656-017 **Receipt Date: 8/29/2024**
Matrix: Soil

Atrazine	1	mg/kg	0.039	ND
Benzaldehyde	1	mg/kg	0.039	ND
Benzo[a]anthracene	1	mg/kg	0.039	ND
Benzo[a]pyrene	1	mg/kg	0.039	ND
Benzo[b]fluoranthene	1	mg/kg	0.039	ND
Benzo[g,h,i]perylene	1	mg/kg	0.039	ND
Benzo[k]fluoranthene	1	mg/kg	0.039	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.039	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.015	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.039	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.039	ND
Butylbenzylphthalate	1	mg/kg	0.039	ND
Caprolactam	1	mg/kg	0.039	ND
Carbazole	1	mg/kg	0.039	ND
Chrysene	1	mg/kg	0.039	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.039	ND
Dibenzofuran	1	mg/kg	0.010	ND
Diethylphthalate	1	mg/kg	0.039	ND
Dimethylphthalate	1	mg/kg	0.039	ND
Di-n-butylphthalate	1	mg/kg	0.018	ND
Di-n-octylphthalate	1	mg/kg	0.039	ND
Fluoranthene	1	mg/kg	0.039	ND
Fluorene	1	mg/kg	0.039	ND
Hexachlorobenzene	1	mg/kg	0.039	ND
Hexachlorobutadiene	1	mg/kg	0.039	ND
Hexachlorocyclopentadiene	1	mg/kg	0.13	ND
Hexachloroethane	1	mg/kg	0.039	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.039	ND
Isophorone	1	mg/kg	0.039	ND
Naphthalene	1	mg/kg	0.0097	ND
Nitrobenzene	1	mg/kg	0.039	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.011	ND
N-Nitrosodiphenylamine	1	mg/kg	0.039	ND
Pentachlorophenol	1	mg/kg	0.19	ND
Phenanthrene	1	mg/kg	0.039	ND
Phenol	1	mg/kg	0.039	ND
Pyrene	1	mg/kg	0.039	ND

TAL Metals 6020B

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**24**	**11000**
Antimony	1	mg/kg	0.35	ND
Arsenic	**1**	**mg/kg**	**0.24**	**4.4**
Barium	**1**	**mg/kg**	**0.59**	**87**
Beryllium	**1**	**mg/kg**	**0.12**	**0.49**
Cadmium	1	mg/kg	0.24	ND
Calcium	**5**	**mg/kg**	**590**	**84000**
Chromium	**1**	**mg/kg**	**0.24**	**18**
Cobalt	**1**	**mg/kg**	**0.24**	**11**
Copper	**1**	**mg/kg**	**1.2**	**21**
Iron	**1**	**mg/kg**	**35**	**23000**
Lead	**1**	**mg/kg**	**0.35**	**15**
Magnesium	**1**	**mg/kg**	**120**	**28000**
Manganese	**1**	**mg/kg**	**1.2**	**540**
Nickel	**1**	**mg/kg**	**1.2**	**25**
Potassium	**1**	**mg/kg**	**120**	**2000**
Selenium	**1**	**mg/kg**	**1.2**	**2.6**
Silver	1	mg/kg	0.24	ND
Sodium	**1**	**mg/kg**	**120**	**220**
Thallium	1	mg/kg	0.24	ND
Vanadium	**1**	**mg/kg**	**0.24**	**25**

Sample ID: SB-8 **Collection Date:** 8/27/2024
Lab#: AD46656-017 **Receipt Date:** 8/29/2024
Matrix: Soil

Zinc	**1**	**mg/kg**	**4.7**	**69**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.916	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	0.916	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.916	mg/kg	0.0022	ND
1,1,2-Trichloroethane	0.916	mg/kg	0.0022	ND
1,1-Dichloroethane	0.916	mg/kg	0.0022	ND
1,1-Dichloroethene	0.916	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	0.916	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	0.916	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	0.916	mg/kg	0.0022	ND
1,2-Dibromoethane	0.916	mg/kg	0.0011	ND
1,2-Dichlorobenzene	0.916	mg/kg	0.0022	ND
1,2-Dichloroethane	0.916	mg/kg	0.0022	ND
1,2-Dichloropropane	0.916	mg/kg	0.0022	ND
1,3-Dichlorobenzene	0.916	mg/kg	0.0022	ND
1,3-Dichloropropene (Total)	0.916	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.916	mg/kg	0.0022	ND
1,4-Dioxane	0.916	mg/kg	0.11	ND
2-Butanone	0.916	mg/kg	0.0022	ND
2-Hexanone	0.916	mg/kg	0.0022	ND
4-Methyl-2-pentanone	0.916	mg/kg	0.0022	ND
Acetone	**0.916**	**mg/kg**	**0.011**	**0.082**
Benzene	**0.916**	**mg/kg**	**0.0011**	**0.0022**
Bromochloromethane	0.916	mg/kg	0.0022	ND
Bromodichloromethane	0.916	mg/kg	0.0022	ND
Bromoform	0.916	mg/kg	0.0022	ND
Bromomethane	0.916	mg/kg	0.0022	ND
Carbon disulfide	0.916	mg/kg	0.0022	ND
Carbon tetrachloride	0.916	mg/kg	0.0022	ND
Chlorobenzene	0.916	mg/kg	0.0022	ND
Chloroethane	0.916	mg/kg	0.0022	ND
Chloroform	0.916	mg/kg	0.0022	ND
Chloromethane	0.916	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.916	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	0.916	mg/kg	0.0022	ND
Cyclohexane	0.916	mg/kg	0.0022	ND
Dibromochloromethane	0.916	mg/kg	0.0022	ND
Dichlorodifluoromethane	0.916	mg/kg	0.0022	ND
Ethylbenzene	0.916	mg/kg	0.0011	ND
Isopropylbenzene	0.916	mg/kg	0.0011	ND
m&p-Xylenes	**0.916**	**mg/kg**	**0.0015**	**0.040**
Methyl Acetate	0.916	mg/kg	0.0022	ND
Methylcyclohexane	0.916	mg/kg	0.0022	ND
Methylene chloride	0.916	mg/kg	0.0022	ND
Methyl-t-butyl ether	0.916	mg/kg	0.0011	ND
o-Xylene	0.916	mg/kg	0.0011	ND
Styrene	0.916	mg/kg	0.0022	ND
Tetrachloroethene	0.916	mg/kg	0.0022	ND
Toluene	0.916	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.916	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	0.916	mg/kg	0.0022	ND
Trichloroethene	0.916	mg/kg	0.0022	ND
Trichlorofluoromethane	0.916	mg/kg	0.0022	ND
Vinyl chloride	0.916	mg/kg	0.0022	ND
Xylenes (Total)	**0.916**	**mg/kg**	**0.0011**	**0.040**

Hampton-Clarke, Inc. (WBE/DBE/SBE)
175 US Highway 46, STE D and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787
Service Center: 137-C Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

Hampton-Clarke WBE/DBE/SBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY RECORD

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Project# (Lab Use Only): 4082904

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%) *	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%) *	Reduced:	EnviroData
3 Business Days (50%) *	[ ] NJ [X] NY	EQuIS:
4 Business Days (35%) *	[ ] PA [ ] Other___	[X] E-File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[X] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:		Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: CTS ENGINEERS
Address: 141 ELM ST BUFFALO NY 14203
1b) Email/Cell/Fax/Ph: rbackert@ctsos.com
1c) Send Invoice to:
1d) Send Report to: RICH BACKERT

Project Information

2a) Project: CENTRAL TERMINAL RESTORATION
2b) Project Mgr: RICH BACKERT
2c) Project Location (City/State): BUFFALO, NY
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓
Batch # AD46656

===> Check If Contingent ===>

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis (specify methods & parameter lists)

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	VOC	TAL METALS	PCB	SVOC	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
001	SS-1	Soil	8/27/24	8:10		X	X	X	X	X	2								
002	SS-2	Soil	8/27/24	9:15		X	X	X	X	X	2								
003	SS-3	Soil	8/27/24	8:20		X	X	X	X	X	2								
004	SS-4	Soil	8/27/24	8:25		X	X	X	X	X	2								
005	SS-5	Soil	8/27/24	8:30		X	X	X	X	X	2								
006	SS-6	Soil	8/27/24	8:35		X	X	X	X	X	2								
007	SB-1	Soil	8/27/24	9:10		X	X	X	X	X	2								
008	SB-2	Soil	8/27/24	9:30		X	X	X	X	X	2								
009	SB-16	Soil	8/27/24	10:50		X	X	X	X	X	2								
010	SB-15	Soil	8/27/24	11:20		X	X	X	X	X	2								

10) Relinquished by:	Accepted by:	Date	Time
[signature]	[signature] UPS	8/28/24	9:15
UPS	[signature]	8/29/24	10:30

11) Sampler (print name): Date:

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270E SIM)
- [ ] VOC (8260D SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 3.0

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

Hampton-Clarke, Inc. (WBE/DBE/SBE)
175 US Highway 46, STE D and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787
Service Center: 137-C Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

Hampton-Clarke
WBE/DBE/SBE 800-426-9992

CHAIN OF CUSTODY RECORD

A Women-Owned, Disadvantaged, Small Business Enterprise

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Project# (Lab Use Only): 4082904

Page 2 of 2

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%) *	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%) *	Reduced:	EnviroData
3 Business Days (50%) *	[ ] NJ [X] NY	EQuIS:
4 Business Days (35%) *	[ ] PA [ ] Other___	[Y] File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[Y] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:		Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: CTS ENGINEERS
Address: 141 ELM ST. BUFFALO NY 14203
1b) Email/Cell/Fax/Ph: RBouchet@CSLOS.COM
1c) Send Invoice to:
1d) Send Report to: RICH BACHERT

Project Information

2a) Project: CENTRAL TERMINAL RESTORATION
2b) Project Mgr: RICH BACHERT
2c) Project Location (City/State): BUFFALO, NY
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓

Batch # A046656

===> Check If Contingent ===>

Matrix Codes

DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis *(specify methods & parameter lists)*

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	VOC	TAL Metals	PCB	SVOC	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
011	SB-3	S	8/22/24	11:50		X	X	X	X	X	2								
012	SB-5	S	8/22/24	12:20		X	X	X	X	X	2								
013	SB-14	S	8/22/24	1:20		X	X	X	X	X	2								
014	SB-13	S	8/22/24	1:35		X	X	X	X	X	2								
015	SB-9	S	8/22/24	2:15		X	X	X	X	X	2								
016	SB-10	S	8/22/24	2:40		X	X	X	X	X	2								
017	SB-8	S	8/22/24	2:50		X	X	X	X	X	2								

10) Relinquished by:	Accepted by:	Date	Time
[signature]	UPS	8/22/24	9:15
UPS	[signature]	8/29/24	10:30

11) Sampler (print name): Date:

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270E SIM)
- [ ] VOC (8260D SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Cooler Temperature: 3.0

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