TABLE 1

LABORATORY RESULTS - SOIL

CHURCH STREET SOUTH, NEW HAVEN, CT

Sample ID		CTDEP RSR Direct Exposure Criteria	CTDEP RSR Direct Exposure Criteria	B-1 (1-3)		B-2 (1-3)		B-3 (0-2)		B-4 (0-4)		B-5 (0-3)		B-6 (0-3)		B-7 (0-2)		B-7 (8-10)		B-7 (8-10) D		B-8 (0-3)	
York ID				24C1260-01		24C1260-02		24C1260-03		24C1260-04		24C1260-05		24C1260-06		24C1260-07		24C1260-08		24C1260-09		24C1260-10	
Sampling Date				3/18/2024 8:10:00 AM		3/18/2024 8:30:00 AM		3/18/2024 8:50:00 AM		3/18/2024 9:15:00 AM		3/18/2024 9:50:00 AM		3/18/2024 10:00:00 AM		3/18/2024 10:20:00 AM		3/18/2024 10:25:00 AM		3/18/2024 10:25:00 AM		3/18/2024 10:50:00 AM	
Client Matrix		Indust Comm	Residential	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 RCP MASTER		mg/kg	mg/kg																				
Dilution Factor																							
1,1,1,2-Tetrachloroethane	630-20-6	220	24	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,1,1-Trichloroethane	71-55-6	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,1,2,2-Tetrachloroethane	79-34-5	29	3.1	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,1,2-Trichloroethane	79-00-5	100	11	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,1-Dichloroethane	75-34-3	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,1-Dichloroethylene	75-35-4	9.5	1	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,1-Dichloropropylene	563-58-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2,3-Trichlorobenzene	87-61-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2,3-Trichloropropane	96-18-4	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2,4-Trichlorobenzene	120-82-1	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2,4-Trimethylbenzene	95-63-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dibromo-3-chloropropane	96-12-8	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dibromoethane	106-93-4	0.067	0.007	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dichlorobenzene	95-50-1	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dichloroethane	107-06-2	63	6.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dichloropropane	78-87-5	84	9	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,3,5-Trimethylbenzene	108-67-8	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,3-Dichlorobenzene	541-73-1	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,3-Dichloropropane	142-28-9	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	240	26	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,2-Dichloropropane	594-20-7	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Butanone	78-93-3	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Chlorotoluene	95-49-8	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Hexanone	591-78-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
4-Chlorotoluene	106-43-4	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
4-Methyl-2-pentanone	108-10-1	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Acetone	67-64-1	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Acrylonitrile	107-13-1	11	1.1	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Benzene	71-43-2	200	21	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Bromobenzene	108-86-1	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Bromochloromethane	74-97-5	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Bromodichloromethane	75-27-4	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Bromoform	75-25-2	720	78	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Bromomethane	74-83-9	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Carbon disulfide	75-15-0	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Carbon tetrachloride	56-23-5	44	4.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chlorobenzene	108-90-7	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chloroethane	75-00-3	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chloroform	67-66-3	940	100	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chloromethane	74-87-3	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
cis-1,2-Dichloroethylene	156-59-2	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
cis-1,3-Dichloropropylene	10061-01-5	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Dibromochloromethane	124-48-1	68	7.3	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Dibromomethane	74-95-3	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Dichlorodifluoromethane	75-71-8	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Ethyl Benzene	100-41-4	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorobutadiene	87-68-3	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Isopropylbenzene	98-82-8	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methyl Methacrylate	80-62-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methyl tert-butyl ether (MTBE)	1634-04-4	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methylene chloride	75-09-2	760	82	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Naphthalene	91-20-3	2500	1000	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
n-Butylbenzene	104-51-8	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
n-Propylbenzene	103-65-1	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
o-Xylene	95-47-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
p- & m- Xylenes	179601-23-1	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
p-Isopropyltoluene	99-87-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
sec-Butylbenzene	135-98-8	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Styrene	100-42-5	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
tert-Butylbenzene	98-06-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tetrachloroethylene	127-18-4	110	12	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tetrahydrofuran	109-99-9	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Toluene	108-88-3	1000	500	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
trans-1,2-Dichloroethylene	156-60-5	1000	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
trans-1,3-Dichloropropylene	10061-02-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
trans-1,4-dichloro-2-butene	110-57-6	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Trichloroethylene	79-01-6	520	56	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Trichlorofluoromethane	75-69-4	~	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Vinyl Chloride	75-01-4	3	0.32	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SVOA, 8270 ASE RCP MASTER		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor				2		2		2		10		5		2		2		2		2		2	
2-Methylnaphthalene	91-57-6	~	~	0.548	U	0.547	U	0.547	U	0.556	U	0.550	U	0.557	U	0.547	U	0.598	U	0.592	U	0.552	U
Acenaphthene	83-32-9	~	~	0.548	U	0.547	U	0.547	U	0.928	D	0.550	U	0.557	U	0.547	U	0.598	U	0.592	U	0.552	U
Acenaphthylene	208-96-8	2500	1000	0.548	U	0.547	U	0.547	U	0.794	D	0.550	U	0.557	U	0.547	U	0.598	U	0.592	U	0.552	U
Anthracene	120-12-7	2500	1000	0.548	U	0.547	U	0.547	U	2.250	D	1.210	D	0.557	U	0.547	U	0.598	U	0.592	U	0.552	U
Benzo(a)anthracene	56-55-3	7.8	1	0.548	U	1	D	0.715	D	**4.860**	D	**3.160**	D	0.557	U	0.547	U	0.598	U	0.772	D	0.552	U
Benzo(a)pyrene	50-32-8	1	1	0.548	U	**1.100**	D	0.807	D	**3.400**	D	**3.890**	D	0.557	U	0.547	U	0.601	D	0.875	D	0.552	U
Benzo(b)fluoranthene	205-99-2	7.8	1	0.548	U	0.951	D	0.730	D	**6.680**	D	**2.840**	D	0.557	U	0.547	U	0.598	U	0.695	D	0.552	U
Benzo(g,h,i)perylene	191-24-2	~	~	0.548	U	0.684	D	0.547	U	2.730	D	2.380	D	0.557	U	0.547	U	0.598	U	0.592	U	0.552	U
Benzo(k)fluoranthene	207-08-9	78	8.4	0.548	U	0.824	D	0.587	D	2.780	U	2.450	D	0.557	U	0.547	U	0.598	U	0.734	D	0.552	U
Chrysene	218-01-9	~	~	0.548	U	0.842	D	0.685	D	4.810	D	2.570	D	0.557	U	0.547	U	0.598	U	0.754	D	0.552	U
Dibenzo(a,h)anthracene	53-70-3	~	~	0.548	U	0.547	U	0.547	U	1	D	0.550	U	0.557	U	0.547	U	0.598	U	0.592	U	0.552	U
Fluoranthene	206-44-0	2500	1000	0.548	U	2.100	D	1.520	D	13.800	D	6.630	D	0.557	U	0.547	U	1.240	D	1.760	D	0.552	U
Fluorene	86-73-7	2500	1000	0.548	U	0.547	U	0.547	U	0.998	D	0.550	U	0.557	U	0.547	U	0.598	U	0.592	U	0.552	U
Indeno(1,2,3-cd)pyrene	193-39-5	~	~	0.548	U	0.800	D	0.547	U	3.100	D	2.720	D	0.557	U	0.547	U	0.598	U	0.673	D	0.552	U
Naphthalene	91-20-3	2500	1000	0.548	U	0.547	U	0.547	U	0.610	D	0.550	U	0.557	U	0.547	U	0.598	U	0.592	U	0.552	U
Phenanthrene	85-01-8	2500	1000	0.548	U	1.120	D	1.080	D	8.560	D	3.720	D	0.557	U	0.547	U	0.769	D	0.979	D	0.552	U
Pyrene	129-00-0	2500	1000	0.548	U	2.120	D	1.690	D	8.690	D	4.500	D	0.557	U	0.547	U	0.955	D	1.320	D	0.552	U
Extractable Total Petroleum Hydrocarbons (ETPH)		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor				1		1		1		1		1		1		1		1		1		1	
ETPH (Extractable Total Petroleum Hydrocarbons)	CT ETPH	2500	500	52.600		51.700		43.500	U	172		134		138		41.500	U	47.600	U	47.400	U	44.200	U
Arsenic by EPA 6010		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor				1		1		1		1		1		1		1		1		1		1	
Arsenic	7440-38-2	10	10	2.200		2.870		3.860		3.890		**11.600**		3.090		4.030		6.100		5.540		2.390	
Lead by EPA 6010		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor				1		1		1		1		1		1		1		1		1		1	
Lead	7439-92-1	1000	500	25.900		34		80.800		**775**		132		62.700		24.300		363		400		23.400	
Total Solids				%		%		%		%		%		%		%		%		%		%	
Dilution Factor				1		1		1		1		1		1		1		1		1		1	
% Solids	solids	~	~	90.800		90		91		89.400		89.500		88.500		91		83.200		83.600		89.700	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

TABLE 1

LABORATORY RESULTS - SOIL

CHURCH STREET SOUTH, NEW HAVEN, CT

B-9 (1-3) 24C1260-11 3/18/2024 11:35:00 AM Soil		B-10 (0-3) 24C1260-12 3/18/2024 12:05:00 PM Soil		B-11 (1-4) 24C1260-13 3/18/2024 12:45:00 PM Soil		B-12 (1-4) 24C1260-14 3/18/2024 12:55:00 PM Soil		B-13 (1-4) 24C1260-15 3/18/2024 1:15:00 PM Soil		B-14 (1-4) 24C1260-16 3/18/2024 2:00:00 PM Soil		B-15 (4-6) 24C1260-17 3/18/2024 2:15:00 PM Soil		B-16 (1-5) 24C1260-18 3/19/2024 7:25:00 AM Soil		B-17 (0-4) 24C1260-19 3/19/2024 7:35:00 AM Soil		B-18 (0-4) 24C1260-20 3/19/2024 7:45:00 AM Soil		B-19 (0-4) 24C1260-21 3/19/2024 7:55:00 AM Soil		B-20 (0-4) 24C1260-22 3/19/2024 8:15:00 AM Soil		B-21 (0-4) 24C1260-23 3/19/2024 8:30:00 AM Soil	
Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
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mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
2		2		2		5		2		2		2		2		2		2		2		2		2	
0.539	U	0.551	U	0.558	U	0.543	U	0.543	U	0.539	U	0.533	U	0.535	U	0.548	U	0.551	U	0.539	U	0.537	U	0.537	U
0.539	U	0.551	U	0.558	U	0.543	U	0.543	U	0.539	U	0.533	U	0.535	U	0.548	U	0.551	U	0.539	U	0.537	U	0.537	U
0.539	U	0.551	U	0.558	U	0.752	D	0.543	U	0.539	U	0.533	U	0.535	U	0.548	U	0.551	U	0.539	U	0.537	U	0.537	U
0.539	U	0.551	U	0.558	U	0.771	D	0.543	U	0.539	U	0.533	U	0.535	U	0.548	U	0.551	U	0.539	U	0.537	U	0.537	U
1.220	D	0.891	D	**2.140**	D	**2.280**	D	0.972	D	0.539	U	0.533	U	0.717	D	0.774	D	0.551	U	**1.270**	D	0.874	D	0.545	D
1.340	D	0.866	D	**2.610**	D	**2.350**	D	0.930	D	0.539	U	0.533	U	0.787	D	0.830	D	0.551	U	**1.250**	D	0.903	D	0.639	D
1.200	D	0.809	D	**2.260**	D	**2.040**	D	0.743	D	0.539	U	0.533	U	0.618	D	0.761	D	0.551	U	**1.180**	D	0.772	D	0.564	D
0.938	D	0.575	D	1.880	D	1.510	D	0.543	U	0.539	U	0.533	U	0.535	U	0.660	D	0.551	U	0.882	D	0.682	D	0.537	U
1.080	D	0.744	D	2.130	D	1.830	D	0.719	D	0.539	U	0.533	U	0.641	D	0.699	D	0.551	U	1.160	D	0.771	D	0.537	U
1.150	D	0.818	D	2.020	D	2.110	D	0.909	D	0.539	U	0.533	U	0.691	D	0.761	D	0.551	U	1.340	D	0.858	D	0.553	D
0.539	U	0.551	U	0.588	D	0.546	D	0.543	U	0.539	U	0.533	U	0.535	U	0.548	U	0.551	U	0.539	U	0.537	U	0.537	U
2.760	D	1.960	D	4.290	D	4.930	D	2.580	D	0.539	U	0.533	U	1.320	D	1.490	D	0.814	D	2.320	D	1.680	D	0.937	D
0.539	U	0.551	U	0.558	U	0.543	U	0.543	U	0.539	U	0.533	U	0.535	U	0.548	U	0.551	U	0.539	U	0.537	U	0.537	U
1.050	D	0.671	D	2.140	D	1.740	D	0.615	D	0.539	U	0.533	U	0.569	D	0.548	U	0.551	U	0.775	D	0.581	D	0.537	U
0.539	U	0.551	U	0.558	U	0.543	U	0.543	U	0.539	U	0.533	U	0.535	U	0.548	U	0.551	U	0.539	U	0.537	U	0.537	U
1.450	D	0.940	D	1.610	D	2	D	2.040	D	0.539	U	0.533	U	0.611	D	0.724	D	0.551	U	1.090	D	0.757	D	0.537	U
2.130	D	1.360	D	3.400	D	3.900	D	2.140	D	0.539	U	0.533	U	1.080	D	1.430	D	0.778	D	2.130	D	1.580	D	0.938	D
mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1		1		1		1		1		1		1		1		1		1		1		1		1	
43.100	U	88.500		204		179		60.200		82		55.100		123		88.500		112		59		61.700		48	
mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1		1		1		1		1		1		1		1		1		1		1		1		1	
6		2.640		6.840		2.760		3.310		2.570		2.930		2.830		4.440		2.020		2.890		1.900		3.850	
mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1		1		1		1		1		1		1		1		1		1		1		1		1	
829		32.400		486		84.900		90.500		15.500		27.500		155		**531**		35		297		97.900	B	235	B
%		%		%		%		%		%		%		%		%		%		%		%		%	
1		1		1		1		1		1		1		1		1		1		1		1		1	
91.900		90.300		89.100		91.600		89.900		90.500		90.600		91.100		90.700		90.300		92.300		92.700		92.600	

TABLE 1

LABORATORY RESULTS - SOIL

CHURCH STREET SOUTH, NEW HAVEN, CT

B-21 (9-10) 24C1260-24 3/19/2024 8:30:00 AM Soil		B-22 (1-5) 24C1260-25 3/19/2024 8:55:00 AM Soil		B-22 (5-9) 24C1260-26 3/19/2024 9:00:00 AM Soil		B-23 (1-5) 24C1260-27 3/19/2024 9:15:00 AM Soil		B-24 (4-6) 24C1260-28 3/19/2024 9:25:00 AM Soil		B-25 (1-5) 24C1260-29 3/19/2024 9:45:00 AM Soil		B-26 (1-5) 24C1260-30 3/19/2024 9:55:00 AM Soil		B-26 (8-10) 24C1260-31 3/19/2024 10:00:00 AM Soil		B-27 (0-4) 24C1260-32 3/19/2024 10:15:00 AM Soil		B-28 (1-5) 24C1260-33 3/19/2024 10:25:00 AM Soil		B-29 (1-5) 24C1260-34 3/19/2024 10:35:00 AM Soil		B-29 (9-10) 24C1260-35 3/19/2024 10:40:00 AM Soil		B-30 (0-2) 24C1260-36 3/19/2024 10:50:00 AM Soil	
Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
mg/kg														mg/kg													
1														1													
0.00470	U	NT		NT		NT		NT		NT		NT		0.00460	U	NT		NT		NT		0.00440	U	NT

TABLE 1

LABORATORY RESULTS - SOIL

CHURCH STREET SOUTH, NEW HAVEN, CT

B-30 (9-10) 24C1260-37 3/19/2024 10:55:00 AM Soil		B-31 (1-5) 24C1260-38 3/19/2024 11:10:00 AM Soil		B-31 (9-10) 24C1260-39 3/19/2024 11:15:00 AM Soil		B-32 (0-2) 24C1260-40 3/19/2024 11:50:00 AM Soil		B-33 (0-2) 24C1260-41 3/19/2024 3:00:00 PM Soil		B-34 (1-5) 24C1260-42 3/19/2024 3:00:00 PM Soil		B-35 (1-5) 24C1260-43 3/19/2024 3:00:00 PM Soil		B-36 (2-5) 24C1260-44 3/19/2024 3:00:00 PM Soil		B-37 (9-10) 24C1260-45 3/19/2024 3:00:00 PM Soil		B-37 (13-15) 24C1260-46 3/19/2024 3:00:00 PM Soil		B-38 (10-12) 24C1260-47 3/19/2024 3:00:00 PM Soil		B-39 (9-10) 24C1260-48 3/19/2024 3:00:00 PM Soil	
Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
mg/kg																		mg/kg					
1																		1					
0.00520	U	NT		NT		NT		NT		NT		NT		NT		NT		0.00580	U	NT		NT

TABLE 2

LABORATORY RESULTS - SOIL

CHURCH STREET SOUTH, NEW HAVEN, CT

Sample ID York ID Sampling Date Client Matrix		CTDEP RSR Direct Exposure Criteria Indust Comm	CTDEP RSR Direct Exposure Criteria Residential	B-40 (8-10) 24E0549-01 5/8/2024 8:20:00 AM Soil		B-41 (8-10) 24E0549-02 5/8/2024 8:30:00 AM Soil		B-42 (8-10) 24E0549-03 5/8/2024 9:10:00 AM Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q
Extractable Total Petroleum Hydrocarbons (ETPH)		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg	
Dilution Factor				1		1		1	
ETPH (Extractable Total Petroleum Hydrocarbons)	CT ETPH	2500	500	47.200	U	48.700	U	53.800	
Total Solids				%		%		%	
Dilution Factor				1		1		1	
% Solids	solids	~	~	79.900		80.500		87.800	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

TABLE 2

LABORATORY RESULTS - SOIL

CHURCH STREET SOUTH, NEW HAVEN, CT

B-42 (10-12) 24E0549-04 5/8/2024 9:15:00 AM Soil		B-43 (10-12) 24E0549-05 5/8/2024 9:20:00 AM Soil		B-44 (9-11) 24E0549-06 5/8/2024 9:40:00 AM Soil		B-45 (8-10) 24E0549-07 5/8/2024 9:50:00 AM Soil		B-46 (8-10) 24E0549-08 5/8/2024 10:10:00 AM Soil	
Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
20		1		1		1		1	
4,070	D	46.700	U	91.600		48.600	U	48.200	
%		%		%		%		%	
1		1		1		1		1	
81.100		78.500		65.900		81.400		86.200	

TABLE 2

LABORATORY RESULTS - SOIL

CHURCH STREET SOUTH, NEW HAVEN, CT

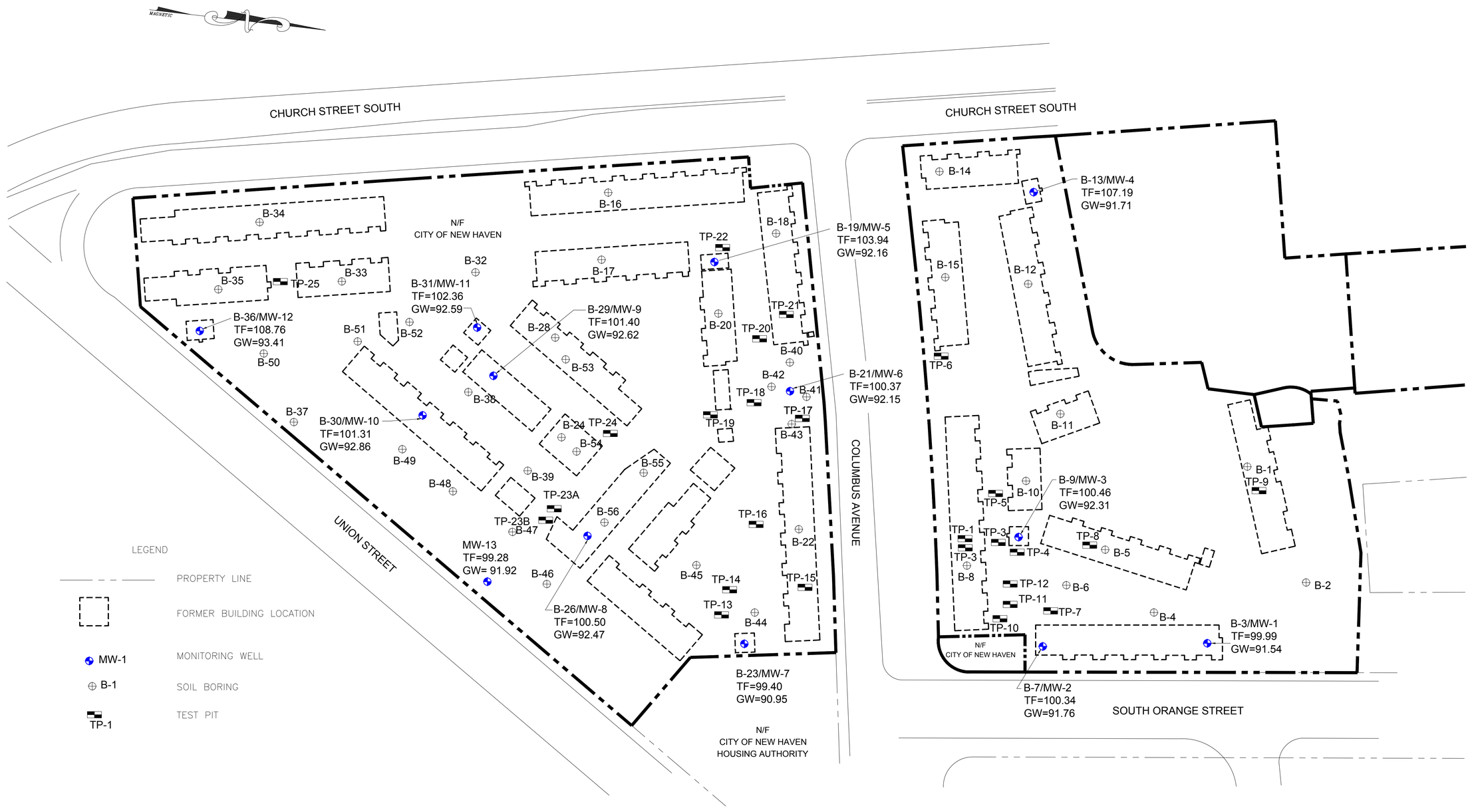
B-47 (8-10) 24E0549-09 5/8/2024 10:20:00 AM Soil		B-48 (9-11) 24E0549-10 5/8/2024 10:45:00 AM Soil		B-49 (8-10) 24E0549-11 5/8/2024 11:00:00 AM Soil		B-50 (10-12) 24E0549-12 5/8/2024 11:50:00 AM Soil		B-51 (10-12) 24E0549-13 5/8/2024 11:50:00 AM Soil	
Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1		100		50		20		50	
44	U	**10,300**	D	**7,210**	D	**3,480**	D	**11,700**	D
%		%		%		%		%	
1		1		1		1		1	
90.100		87.400		77.700		85.300		82.900	

TABLE 2

LABORATORY RESULTS - SOIL

CHURCH STREET SOUTH, NEW HAVEN, CT

B-52 (10-12) 24E0549-14 5/8/2024 12:15:00 PM Soil		B-53 (10-12) 24E0549-15 5/8/2024 12:40:00 PM Soil		B-54 (10-12) 24E0549-16 5/8/2024 12:55:00 PM Soil		B-55 (10-12) 24E0549-17 5/8/2024 1:10:00 PM Soil		B-56 (10-12) 24E0549-18 5/8/2024 1:20:00 PM Soil	
Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
50		20		1		1		1	
6,450	D	**3,200**	D	47.500	U	50.300	U	47.200	U
%		%		%		%		%	
1		1		1		1		1	
77.200		81.700		83.400		78.800		83.900	



				PROJ. MANAGER:	
				CHIEF DESIGNER:	
				REVIEWED BY:	DATE
				NGP	3/4/2024
1.					
No.	DATE	DESCRIPTION	BY		
		REVISIONS	WJK		

SAMPLE LOCATION PLAN

SCALE: HORZ.: 1"=50'

50 0 25 50 100

GRAPHIC SCALE

PAYNE ENVIRONMENTAL LLC
85 WILLOW STREET
NEW HAVEN, CONNECTICUT

CHURCH STREET SOUTH
NEW HAVEN , CONNECTICUT

PROJ. No.: 24.100/001
DATE: 5/8/2024

FIG. 3

C:\Users\WILLIAM\Downloads\columbus av 5-22-24.dwg, 5/28/2024 12:15:33 PM, DWG To PDF.pc3

				PROJ. MANAGER:	
				CHIEF DESIGNER:	
				REVIEWED BY:	DATE
				NGP	3/4/2024
1.					
No.	DATE	DESCRIPTION	BY		
		REVISIONS	WJK		

PETROLEUM RELEASE AREA
ISO CONCENRATION

SCALE: HORZ.: 1"=50'

50 0 25 50 100

GRAPHIC SCALE

PAYNE ENVIRONMENTAL LLC
85 WILLOW STREET
NEW HAVEN, CONNECTICUT

CHURCH STREET SOUTH
NEW HAVEN , CONNECTICUT

PROJ. No.: 24.100/001
DATE: 5/8/2024

FIG. 6

C:\Users\WILLIAM\Desktop\columbus av 5-28-24.dwg, 5/28/2024 12:22:51 PM, DWG To PDF.pc3

Technical Report

prepared for:

Payne Environmental LLC
85 Willow Street, #40
New Haven CT, 06511
Attention: Neil Payne

Report Date: 04/26/2024
Client Project ID: 24.100/001 CHURCH STREET SOUTH
York Project (SDG) No.: 24C1260

Report Date: 04/26/2024
Client Project ID: 24.100/001 CHURCH STREET SOUTH
York Project (SDG) No.: 24C1260

Payne Environmental LLC
85 Willow Street, #40
New Haven CT, 06511
Attention: Neil Payne

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 20, 2024 and listed below. The project was identified as your project: **24.100/001 CHURCH STREET SOUTH**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24C1260-01	B-1 (1-3)	Soil	03/18/2024	03/20/2024
24C1260-02	B-2 (1-3)	Soil	03/18/2024	03/20/2024
24C1260-03	B-3 (0-2)	Soil	03/18/2024	03/20/2024
24C1260-04	B-4 (0-4)	Soil	03/18/2024	03/20/2024
24C1260-05	B-5 (0-3)	Soil	03/18/2024	03/20/2024
24C1260-06	B-6 (0-3)	Soil	03/18/2024	03/20/2024
24C1260-07	B-7 (0-2)	Soil	03/18/2024	03/20/2024
24C1260-08	B-7 (8-10)	Soil	03/18/2024	03/20/2024
24C1260-09	B-7 (8-10) D	Soil	03/18/2024	03/20/2024
24C1260-10	B-8 (0-3)	Soil	03/18/2024	03/20/2024
24C1260-11	B-9 (1-3)	Soil	03/18/2024	03/20/2024
24C1260-12	B-10 (0-3)	Soil	03/18/2024	03/20/2024
24C1260-13	B-11 (1-4)	Soil	03/18/2024	03/20/2024
24C1260-14	B-12 (1-4)	Soil	03/18/2024	03/20/2024
24C1260-15	B-13 (1-4)	Soil	03/18/2024	03/20/2024
24C1260-16	B-14 (1-4)	Soil	03/18/2024	03/20/2024
24C1260-17	B-15 (4-6)	Soil	03/18/2024	03/20/2024
24C1260-18	B-16 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-19	B-17 (0-4)	Soil	03/19/2024	03/20/2024
24C1260-20	B-18 (0-4)	Soil	03/19/2024	03/20/2024
24C1260-21	B-19 (0-4)	Soil	03/19/2024	03/20/2024

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24C1260-22	B-20 (0-4)	Soil	03/19/2024	03/20/2024
24C1260-23	B-21 (0-4)	Soil	03/19/2024	03/20/2024
24C1260-24	B-21 (9-10)	Soil	03/19/2024	03/20/2024
24C1260-25	B-22 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-26	B-22 (5-9)	Soil	03/19/2024	03/20/2024
24C1260-27	B-23 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-28	B-24 (4-6)	Soil	03/19/2024	03/20/2024
24C1260-29	B-25 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-30	B-26 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-31	B-26 (8-10)	Soil	03/19/2024	03/20/2024
24C1260-32	B-27 (0-4)	Soil	03/19/2024	03/20/2024
24C1260-33	B-28 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-34	B-29 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-35	B-29 (9-10)	Soil	03/19/2024	03/20/2024
24C1260-36	B-30 (0-2)	Soil	03/19/2024	03/20/2024
24C1260-37	B-30 (9-10)	Soil	03/19/2024	03/20/2024
24C1260-38	B-31 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-39	B-31 (9-10)	Soil	03/19/2024	03/20/2024
24C1260-40	B-32 (0-2)	Soil	03/19/2024	03/20/2024
24C1260-41	B-33 (0-2)	Soil	03/19/2024	03/20/2024
24C1260-42	B-34 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-43	B-35 (1-5)	Soil	03/19/2024	03/20/2024
24C1260-44	B-36 (2-5)	Soil	03/19/2024	03/20/2024
24C1260-45	B-37 (9-10)	Soil	03/19/2024	03/20/2024
24C1260-46	B-37 (13-15)	Soil	03/19/2024	03/20/2024
24C1260-47	B-38 (10-12)	Soil	03/19/2024	03/20/2024
24C1260-48	B-39 (9-10)	Soil	03/19/2024	03/20/2024
24C1260-49	B-21 (9-10)	Soil	03/19/2024	03/20/2024
24C1260-50	B-29 (9-10)	Soil	03/19/2024	03/20/2024
24C1260-51	B-37 (13-15)	Soil	03/19/2024	03/20/2024
24C1260-52	B-38 (10-12)	Soil	03/19/2024	03/20/2024

General Notes for York Project (SDG) No.: 24C1260

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: Cassie L Mosher

Cassie L Mosher
Laboratory Manager

Date: 04/26/2024

Sample Information

Client Sample ID: **B-1 (1-3)** **York Sample ID:** **24C1260-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 8:10 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
120-12-7	Anthracene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
218-01-9	Chrysene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
86-73-7	Fluorene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
91-20-3	Naphthalene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
129-00-0	Pyrene	ND		ug/kg dry	548	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:23	SKF
	Surrogate Recoveries	**Result**		**Acceptance Range**						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*91.6 %*	Cal-E	*30-130*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*89.5 %*		*30-130*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.5 %*		*30-130*						

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**52.6**		mg/kg dry	42.8	1	CT DEP ETPH	03/25/2024 08:17	03/26/2024 08:19	GXB
	Surrogate Recoveries	**Result**		**Acceptance Range**						
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*86.7 %*		*50-150*						

Sample Information

Client Sample ID: B-1 (1-3) **York Sample ID:** 24C1260-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 8:10 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.20**		mg/kg dry	1.15	1	EPA 6010D	03/27/2024 13:07	03/28/2024 15:00	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**25.9**		mg/kg dry	0.459	1	EPA 6010D	03/27/2024 13:07	03/28/2024 15:00	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.8**		%	0.100	1	SM 2540G	03/25/2024 08:00	03/25/2024 11:10	HLY

Sample Information

Client Sample ID: B-2 (1-3) **York Sample ID:** 24C1260-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 8:30 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
120-12-7	Anthracene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
56-55-3	**Benzo(a)anthracene**	**1000**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
50-32-8	**Benzo(a)pyrene**	**1100**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
205-99-2	**Benzo(b)fluoranthene**	**951**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
191-24-2	**Benzo(g,h,i)perylene**	**684**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
207-08-9	**Benzo(k)fluoranthene**	**824**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
218-01-9	**Chrysene**	**842**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
206-44-0	**Fluoranthene**	**2100**	CCVE	ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
86-73-7	Fluorene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**800**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF

Sample Information

Client Sample ID: B-2 (1-3) **York Sample ID:** 24C1260-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 8:30 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
85-01-8	**Phenanthrene**	**1120**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF
129-00-0	**Pyrene**	**2120**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 13:52	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.6 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*83.2 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*117 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**51.7**		mg/kg dry	44.0	1	CT DEP ETPH	03/22/2024 12:35	03/26/2024 01:44	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*82.1 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.87**		mg/kg dry	1.16	1	EPA 6010D	03/27/2024 13:07	03/28/2024 15:03	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**34.0**		mg/kg dry	0.463	1	EPA 6010D	03/27/2024 13:07	03/28/2024 15:03	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.0**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-3 (0-2) **York Sample ID:** 24C1260-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 8:50 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
120-12-7	Anthracene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
56-55-3	**Benzo(a)anthracene**	**715**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
50-32-8	**Benzo(a)pyrene**	**807**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
205-99-2	**Benzo(b)fluoranthene**	**730**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
207-08-9	**Benzo(k)fluoranthene**	**587**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
218-01-9	**Chrysene**	**685**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
206-44-0	**Fluoranthene**	**1520**	CCVE	ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
86-73-7	Fluorene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
91-20-3	Naphthalene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
85-01-8	**Phenanthrene**	**1080**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF
129-00-0	**Pyrene**	**1690**		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:22	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.6 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.8 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*122 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	43.5	1	CT DEP ETPH	03/22/2024 12:35	03/26/2024 03:00	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*67.4 %*	*50-150*

Sample Information

Client Sample ID: B-3 (0-2) **York Sample ID:** 24C1260-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 8:50 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.86**		mg/kg dry	1.14	1	EPA 6010D	03/27/2024 13:07	03/28/2024 15:06	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**80.8**		mg/kg dry	0.458	1	EPA 6010D	03/27/2024 13:07	03/28/2024 15:06	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**91.0**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-4 (0-4) **York Sample ID:** 24C1260-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 9:15 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	556	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:51	SKF
83-32-9	**Acenaphthene**	**928**		ug/kg dry	556	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:51	SKF
208-96-8	**Acenaphthylene**	**794**		ug/kg dry	556	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:51	SKF
120-12-7	**Anthracene**	**2250**		ug/kg dry	556	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:51	SKF
56-55-3	**Benzo(a)anthracene**	**4860**	ICVE	ug/kg dry	2780	10	EPA 8270D	03/22/2024 08:33	03/26/2024 16:52	SKF
50-32-8	**Benzo(a)pyrene**	**3400**	CCVE, ICVE	ug/kg dry	2780	10	EPA 8270D	03/22/2024 08:33	03/26/2024 16:52	SKF
205-99-2	**Benzo(b)fluoranthene**	**6680**		ug/kg dry	2780	10	EPA 8270D	03/22/2024 08:33	03/26/2024 16:52	SKF
191-24-2	**Benzo(g,h,i)perylene**	**2730**		ug/kg dry	556	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:51	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	2780	10	EPA 8270D	03/22/2024 08:33	03/26/2024 16:52	SKF
218-01-9	**Chrysene**	**4810**	ICVE	ug/kg dry	2780	10	EPA 8270D	03/22/2024 08:33	03/26/2024 16:52	SKF
53-70-3	**Dibenzo(a,h)anthracene**	**1000**		ug/kg dry	556	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:51	SKF
206-44-0	**Fluoranthene**	**13800**	ICVE	ug/kg dry	2780	10	EPA 8270D	03/22/2024 08:33	03/26/2024 16:52	SKF
86-73-7	**Fluorene**	**998**		ug/kg dry	556	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:51	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**3100**		ug/kg dry	556	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:51	SKF

Sample Information

Client Sample ID: B-4 (0-4) **York Sample ID:** 24C1260-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 9:15 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**610**		ug/kg dry	556	2	EPA 8270D	03/22/2024 08:33	03/25/2024 14:51	SKF
85-01-8	**Phenanthrene**	**8560**	ICVE	ug/kg dry	2780	10	EPA 8270D	03/22/2024 08:33	03/26/2024 16:52	SKF
129-00-0	**Pyrene**	**8690**	ICVE	ug/kg dry	2780	10	EPA 8270D	03/22/2024 08:33	03/26/2024 16:52	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.9 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*89.5 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*107 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**172**		mg/kg dry	44.3	1	CT DEP ETPH	03/22/2024 12:35	03/23/2024 13:06	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*61.4 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.89**		mg/kg dry	1.17	1	EPA 6010D	03/27/2024 13:07	03/28/2024 15:09	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**775**		mg/kg dry	0.466	1	EPA 6010D	03/27/2024 13:07	03/28/2024 15:09	AGNR

Lead, SPLP by EPA 6020

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1312

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.0231**		mg/L	0.00111	1	EPA 6020B/1312	04/16/2024 09:03	04/16/2024 14:24	cw

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**89.4**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-4 (0-4) **York Sample ID:** 24C1260-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 9:15 am	03/20/2024

SPLP Extraction for METALS EPA 1312 **Log-in Notes:** **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	04/11/2024 15:11	04/12/2024 11:28	TAJ

Sample Information

Client Sample ID: B-5 (0-3) **York Sample ID:** 24C1260-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 9:50 am	03/20/2024

SVOA, 8270 ASE RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
120-12-7	**Anthracene**	**1210**		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
56-55-3	**Benzo(a)anthracene**	**3160**		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
50-32-8	**Benzo(a)pyrene**	**3890**		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
205-99-2	**Benzo(b)fluoranthene**	**2840**		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
191-24-2	**Benzo(g,h,i)perylene**	**2380**		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
207-08-9	**Benzo(k)fluoranthene**	**2450**		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
218-01-9	**Chrysene**	**2570**		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
206-44-0	**Fluoranthene**	**6630**	ICVE	ug/kg dry	1380	5	EPA 8270D	03/22/2024 08:33	03/26/2024 14:20	SKF
86-73-7	Fluorene	ND		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2720**		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
91-20-3	Naphthalene	ND		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
85-01-8	**Phenanthrene**	**3720**		ug/kg dry	550	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:20	SKF
129-00-0	**Pyrene**	**4500**	ICVE	ug/kg dry	1380	5	EPA 8270D	03/22/2024 08:33	03/26/2024 14:20	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*103 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*94.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*101 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: B-5 (0-3) **York Sample ID:** 24C1260-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 9:50 am	03/20/2024

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**134**		mg/kg dry	44.2	1	CT DEP ETPH	03/22/2024 12:35	03/23/2024 13:45	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*60.8 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**11.6**		mg/kg dry	1.16	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:08	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**132**		mg/kg dry	0.466	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:08	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**89.5**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-6 (0-3) **York Sample ID:** 24C1260-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:00 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
120-12-7	Anthracene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF

Sample Information

Client Sample ID: B-6 (0-3) **York Sample ID:** 24C1260-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:00 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
218-01-9	Chrysene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
86-73-7	Fluorene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
91-20-3	Naphthalene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF
129-00-0	Pyrene	ND		ug/kg dry	557	2	EPA 8270D	03/22/2024 08:33	03/25/2024 15:50	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.9 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.9 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*44.6 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**138**		mg/kg dry	42.6	1	CT DEP ETPH	03/26/2024 09:46	03/27/2024 03:26	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*83.2 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.09**		mg/kg dry	1.18	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:11	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**62.7**		mg/kg dry	0.471	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:11	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: B-6 (0-3) **York Sample ID:** 24C1260-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:00 am	03/20/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**88.5**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 24C1260-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:20 am	03/20/2024

SVOA, 8270 ASE RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
120-12-7	Anthracene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
218-01-9	Chrysene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
86-73-7	Fluorene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
91-20-3	Naphthalene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF
129-00-0	Pyrene	ND		ug/kg dry	547	2	EPA 8270D	03/22/2024 08:33	03/25/2024 09:33	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.3 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.3 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.9 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: B-7 (0-2) **York Sample ID:** 24C1260-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:20 am	03/20/2024

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	41.5	1	CT DEP ETPH	03/22/2024 12:35	03/23/2024 15:41	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*53.6 %*	*50-150*

Arsenic by EPA 6010 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.03**		mg/kg dry	1.15	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:13	AGNR

Lead by EPA 6010 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**24.3**		mg/kg dry	0.458	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:13	AGNR

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**91.0**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-7 (8-10) **York Sample ID:** 24C1260-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:25 am	03/20/2024

SVOA, 8270 ASE RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
120-12-7	Anthracene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
50-32-8	**Benzo(a)pyrene**	**601**		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF

Sample Information

Client Sample ID: B-7 (8-10) **York Sample ID:** 24C1260-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:25 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
218-01-9	Chrysene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
206-44-0	**Fluoranthene**	**1240**		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
86-73-7	Fluorene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
91-20-3	Naphthalene	ND		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
85-01-8	**Phenanthrene**	**769**		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF
129-00-0	**Pyrene**	**955**		ug/kg dry	598	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:02	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.9 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.0 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	47.6	1	CT DEP ETPH	03/22/2024 12:35	03/23/2024 16:19	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*50.5 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.10**		mg/kg dry	1.25	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:17	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**363**		mg/kg dry	0.501	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:17	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: B-7 (8-10) **York Sample ID:** 24C1260-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:25 am	03/20/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**83.2**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-7 (8-10) D **York Sample ID:** 24C1260-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:25 am	03/20/2024

SVOA, 8270 ASE RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
120-12-7	Anthracene	ND		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
56-55-3	**Benzo(a)anthracene**	**772**		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
50-32-8	**Benzo(a)pyrene**	**875**		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
205-99-2	**Benzo(b)fluoranthene**	**695**		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
207-08-9	**Benzo(k)fluoranthene**	**734**		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
218-01-9	**Chrysene**	**754**		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
206-44-0	**Fluoranthene**	**1760**		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
86-73-7	Fluorene	ND		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**673**		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
91-20-3	Naphthalene	ND		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
85-01-8	**Phenanthrene**	**979**		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF
129-00-0	**Pyrene**	**1320**		ug/kg dry	592	2	EPA 8270D	03/22/2024 08:33	03/25/2024 10:31	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*90.5 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*85.5 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.2 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: B-7 (8-10) D **York Sample ID:** 24C1260-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:25 am	03/20/2024

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	47.4	1	CT DEP ETPH	03/22/2024 12:35	03/23/2024 16:58	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*57.9 %*	*50-150*

Arsenic by EPA 6010 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.54**		mg/kg dry	1.25	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:20	AGNR

Lead by EPA 6010 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**400**		mg/kg dry	0.499	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:20	AGNR

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**83.6**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-8 (0-3) **York Sample ID:** 24C1260-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:50 am	03/20/2024

SVOA, 8270 ASE RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
120-12-7	Anthracene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF

Sample Information

Client Sample ID: B-8 (0-3) **York Sample ID:** 24C1260-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:50 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
218-01-9	Chrysene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
86-73-7	Fluorene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
91-20-3	Naphthalene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF
129-00-0	Pyrene	ND		ug/kg dry	552	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:00	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.8 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	44.2	1	CT DEP ETPH	03/22/2024 12:35	03/23/2024 17:36	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*60.5 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.39**		mg/kg dry	1.16	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:28	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**23.4**		mg/kg dry	0.465	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:28	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: B-8 (0-3) **York Sample ID:** 24C1260-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 10:50 am	03/20/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**89.7**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-9 (1-3) **York Sample ID:** 24C1260-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 11:35 am	03/20/2024

SVOA, 8270 ASE RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
120-12-7	Anthracene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
56-55-3	**Benzo(a)anthracene**	**1220**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
50-32-8	**Benzo(a)pyrene**	**1340**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
205-99-2	**Benzo(b)fluoranthene**	**1200**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
191-24-2	**Benzo(g,h,i)perylene**	**938**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
207-08-9	**Benzo(k)fluoranthene**	**1080**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
218-01-9	**Chrysene**	**1150**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
206-44-0	**Fluoranthene**	**2760**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
86-73-7	Fluorene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1050**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
91-20-3	Naphthalene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
85-01-8	**Phenanthrene**	**1450**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF
129-00-0	**Pyrene**	**2130**		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:29	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.9 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: B-9 (1-3) **York Sample ID:** 24C1260-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 11:35 am	03/20/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	43.1	1	CT DEP ETPH	03/22/2024 12:35	03/23/2024 18:15	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*50.6 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.00**		mg/kg dry	1.13	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:30	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**829**		mg/kg dry	0.454	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:30	AGNR

Lead, SPLP by EPA 6020

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1312

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.555**		mg/L	0.00111	1	EPA 6020B/1312	04/16/2024 09:03	04/16/2024 14:34	cw

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**91.9**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

SPLP Extraction for METALS EPA 1312

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	04/11/2024 15:11	04/12/2024 11:28	TAJ

Sample Information

Client Sample ID: **B-10 (0-3)** **York Sample ID:** **24C1260-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 12:05 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
120-12-7	Anthracene	ND		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
56-55-3	**Benzo(a)anthracene**	**891**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
50-32-8	**Benzo(a)pyrene**	**866**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
205-99-2	**Benzo(b)fluoranthene**	**809**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
191-24-2	**Benzo(g,h,i)perylene**	**575**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
207-08-9	**Benzo(k)fluoranthene**	**744**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
218-01-9	**Chrysene**	**818**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
206-44-0	**Fluoranthene**	**1960**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
86-73-7	Fluorene	ND		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**671**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
91-20-3	Naphthalene	ND		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
85-01-8	**Phenanthrene**	**940**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF
129-00-0	**Pyrene**	**1360**		ug/kg dry	551	2	EPA 8270D	03/22/2024 08:33	03/25/2024 11:58	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.8 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*83.6 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.6 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**88.5**		mg/kg dry	43.9	1	CT DEP ETPH	03/22/2024 12:35	03/23/2024 15:02	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*53.0 %*	*50-150*

Sample Information

Client Sample ID: B-10 (0-3) **York Sample ID:** 24C1260-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 12:05 pm	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.64**		mg/kg dry	1.15	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:32	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**32.4**		mg/kg dry	0.462	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:32	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.3**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-11 (1-4) **York Sample ID:** 24C1260-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 12:45 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
120-12-7	Anthracene	ND		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
56-55-3	**Benzo(a)anthracene**	**2140**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
50-32-8	**Benzo(a)pyrene**	**2610**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
205-99-2	**Benzo(b)fluoranthene**	**2260**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
191-24-2	**Benzo(g,h,i)perylene**	**1880**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
207-08-9	**Benzo(k)fluoranthene**	**2130**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
218-01-9	**Chrysene**	**2020**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
53-70-3	**Dibenzo(a,h)anthracene**	**588**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
206-44-0	**Fluoranthene**	**4290**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
86-73-7	Fluorene	ND		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2140**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF

Sample Information

Client Sample ID: B-11 (1-4) **York Sample ID:** 24C1260-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 12:45 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
85-01-8	**Phenanthrene**	**1610**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF
129-00-0	**Pyrene**	**3400**		ug/kg dry	558	2	EPA 8270D	03/22/2024 08:33	03/25/2024 12:28	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.8 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.9 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**204**		mg/kg dry	44.4	1	CT DEP ETPH	03/22/2024 12:35	03/25/2024 20:00	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*78.1 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.84**		mg/kg dry	1.17	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:34	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**486**		mg/kg dry	0.468	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:34	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**89.1**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: **B-12 (1-4)** **York Sample ID:** **24C1260-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 12:55 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
208-96-8	**Acenaphthylene**	**752**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
120-12-7	**Anthracene**	**771**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
56-55-3	**Benzo(a)anthracene**	**2280**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
50-32-8	**Benzo(a)pyrene**	**2350**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
205-99-2	**Benzo(b)fluoranthene**	**2040**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
191-24-2	**Benzo(g,h,i)perylene**	**1510**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
207-08-9	**Benzo(k)fluoranthene**	**1830**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
218-01-9	**Chrysene**	**2110**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
53-70-3	**Dibenzo(a,h)anthracene**	**546**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
206-44-0	**Fluoranthene**	**4930**	ICVE	ug/kg dry	1360	5	EPA 8270D	03/22/2024 08:33	03/26/2024 13:50	SKF
86-73-7	Fluorene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1740**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
91-20-3	Naphthalene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
85-01-8	**Phenanthrene**	**2000**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF
129-00-0	**Pyrene**	**3900**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:22	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.8 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.3 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**179**		mg/kg dry	43.2	1	CT DEP ETPH	03/22/2024 12:35	03/25/2024 20:38	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*64.6 %*	*50-150*

Sample Information

Client Sample ID: B-12 (1-4) **York Sample ID:** 24C1260-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 12:55 pm	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.76**		mg/kg dry	1.14	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:37	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**84.9**		mg/kg dry	0.455	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:37	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**91.6**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-13 (1-4) **York Sample ID:** 24C1260-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 1:15 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
120-12-7	Anthracene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
56-55-3	**Benzo(a)anthracene**	**972**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
50-32-8	**Benzo(a)pyrene**	**930**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
205-99-2	**Benzo(b)fluoranthene**	**743**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
207-08-9	**Benzo(k)fluoranthene**	**719**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
218-01-9	**Chrysene**	**909**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
206-44-0	**Fluoranthene**	**2580**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
86-73-7	Fluorene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**615**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF

Sample Information

Client Sample ID: B-13 (1-4) **York Sample ID:** 24C1260-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 1:15 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
85-01-8	**Phenanthrene**	**2040**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF
129-00-0	**Pyrene**	**2140**		ug/kg dry	543	2	EPA 8270D	03/22/2024 08:33	03/25/2024 16:51	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.4 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.4 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**60.2**		mg/kg dry	42.0	1	CT DEP ETPH	03/22/2024 12:35	03/25/2024 21:16	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*64.7 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.31**		mg/kg dry	1.16	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:40	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**90.5**		mg/kg dry	0.464	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:40	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**89.9**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: **B-14 (1-4)** **York Sample ID:** **24C1260-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 2:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
120-12-7	Anthracene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
218-01-9	Chrysene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
86-73-7	Fluorene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
91-20-3	Naphthalene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF
129-00-0	Pyrene	ND		ug/kg dry	539	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:20	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.9 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.9 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.6 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**82.0**		mg/kg dry	43.8	1	CT DEP ETPH	03/22/2024 12:35	03/25/2024 21:55	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*71.0 %*	*50-150*

Sample Information

Client Sample ID: B-14 (1-4) **York Sample ID:** 24C1260-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 2:00 pm	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.57**		mg/kg dry	1.15	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:43	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**15.5**		mg/kg dry	0.461	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:43	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.5**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-15 (4-6) **York Sample ID:** 24C1260-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 2:15 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
120-12-7	Anthracene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
218-01-9	Chrysene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
86-73-7	Fluorene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF

Sample Information

Client Sample ID: B-15 (4-6) **York Sample ID:** 24C1260-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 18, 2024 2:15 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF
129-00-0	Pyrene	ND		ug/kg dry	533	2	EPA 8270D	03/22/2024 08:33	03/25/2024 17:50	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.4 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.7 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.4 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**55.1**		mg/kg dry	43.7	1	CT DEP ETPH	03/22/2024 12:35	03/25/2024 22:33	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*64.8 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.93**		mg/kg dry	1.15	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:46	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**27.5**		mg/kg dry	0.460	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:46	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.6**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: **B-16 (1-5)** **York Sample ID:** **24C1260-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 7:25 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
120-12-7	Anthracene	ND		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
56-55-3	**Benzo(a)anthracene**	**717**		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
50-32-8	**Benzo(a)pyrene**	**787**		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
205-99-2	**Benzo(b)fluoranthene**	**618**		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
207-08-9	**Benzo(k)fluoranthene**	**641**		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
218-01-9	**Chrysene**	**691**		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
206-44-0	**Fluoranthene**	**1320**		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
86-73-7	Fluorene	ND		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**569**		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
91-20-3	Naphthalene	ND		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
85-01-8	**Phenanthrene**	**611**		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF
129-00-0	**Pyrene**	**1080**		ug/kg dry	535	2	EPA 8270D	03/22/2024 08:33	03/25/2024 18:19	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.9 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.6 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.3 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**123**		mg/kg dry	43.5	1	CT DEP ETPH	03/22/2024 12:35	03/25/2024 23:11	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*73.9 %*	*50-150*

Sample Information

Client Sample ID: B-16 (1-5) **York Sample ID:** 24C1260-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 7:25 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.83**		mg/kg dry	1.14	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:48	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**155**		mg/kg dry	0.458	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:48	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**91.1**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-17 (0-4) **York Sample ID:** 24C1260-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 7:35 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
83-32-9	Acenaphthene	ND		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
120-12-7	Anthracene	ND		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
56-55-3	**Benzo(a)anthracene**	**774**		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
50-32-8	**Benzo(a)pyrene**	**830**		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
205-99-2	**Benzo(b)fluoranthene**	**761**		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
191-24-2	**Benzo(g,h,i)perylene**	**660**		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
207-08-9	**Benzo(k)fluoranthene**	**699**		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
218-01-9	**Chrysene**	**761**		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
206-44-0	**Fluoranthene**	**1490**		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
86-73-7	Fluorene	ND		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH

Sample Information

Client Sample ID: B-17 (0-4) **York Sample ID:** 24C1260-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 7:35 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
85-01-8	**Phenanthrene**	**724**		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH
129-00-0	**Pyrene**	**1430**		ug/kg dry	548	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:18	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.6 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.9 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**88.5**		mg/kg dry	40.8	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 13:26	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*60.6 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.44**		mg/kg dry	1.15	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:51	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**531**		mg/kg dry	0.460	1	EPA 6010D	03/27/2024 13:03	03/28/2024 12:51	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.7**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: **B-18 (0-4)** **York Sample ID:** **24C1260-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 7:45 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
83-32-9	Acenaphthene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
120-12-7	Anthracene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
218-01-9	Chrysene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
206-44-0	**Fluoranthene**	**814**		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
86-73-7	Fluorene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
91-20-3	Naphthalene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
85-01-8	Phenanthrene	ND		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH
129-00-0	**Pyrene**	**778**		ug/kg dry	551	2	EPA 8270D	03/21/2024 13:09	03/22/2024 17:51	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.2 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.0 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**112**		mg/kg dry	43.8	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 14:04	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*71.3 %*	*50-150*

Sample Information

Client Sample ID: B-18 (0-4) **York Sample ID:** 24C1260-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 7:45 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.02**		mg/kg dry	1.15	1	EPA 6010D	03/27/2024 13:03	03/28/2024 13:00	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**35.0**		mg/kg dry	0.462	1	EPA 6010D	03/27/2024 13:03	03/28/2024 13:00	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.3**		%	0.100	1	SM 2540G	03/22/2024 13:09	03/22/2024 16:03	PMB

Sample Information

Client Sample ID: B-19 (0-4) **York Sample ID:** 24C1260-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 7:55 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
83-32-9	Acenaphthene	ND		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
120-12-7	Anthracene	ND		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
56-55-3	**Benzo(a)anthracene**	**1270**		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
50-32-8	**Benzo(a)pyrene**	**1250**		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
205-99-2	**Benzo(b)fluoranthene**	**1180**		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
191-24-2	**Benzo(g,h,i)perylene**	**882**		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
207-08-9	**Benzo(k)fluoranthene**	**1160**		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
218-01-9	**Chrysene**	**1340**		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
206-44-0	**Fluoranthene**	**2320**		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
86-73-7	Fluorene	ND		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**775**	ICVE	ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH

Sample Information

Client Sample ID: B-19 (0-4) **York Sample ID:** 24C1260-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 7:55 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
85-01-8	**Phenanthrene**	**1090**		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH
129-00-0	**Pyrene**	**2130**		ug/kg dry	539	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:24	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.1 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.7 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**59.0**		mg/kg dry	40.1	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 15:21	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*65.3 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.89**		mg/kg dry	1.13	1	EPA 6010D	03/27/2024 13:03	03/28/2024 13:02	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**297**		mg/kg dry	0.452	1	EPA 6010D	03/27/2024 13:03	03/28/2024 13:02	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**92.3**		%	0.100	1	SM 2540G	03/25/2024 08:00	03/25/2024 11:10	HLY

Sample Information

Client Sample ID: **B-20 (0-4)** **York Sample ID:** **24C1260-22**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:15 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
83-32-9	Acenaphthene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
120-12-7	Anthracene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
56-55-3	**Benzo(a)anthracene**	**874**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
50-32-8	**Benzo(a)pyrene**	**903**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
205-99-2	**Benzo(b)fluoranthene**	**772**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
191-24-2	**Benzo(g,h,i)perylene**	**682**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
207-08-9	**Benzo(k)fluoranthene**	**771**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
218-01-9	**Chrysene**	**858**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
206-44-0	**Fluoranthene**	**1680**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
86-73-7	Fluorene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**581**	ICVE	ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
91-20-3	Naphthalene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
85-01-8	**Phenanthrene**	**757**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH
129-00-0	**Pyrene**	**1580**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 18:57	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.1 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.5 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**61.7**		mg/kg dry	40.7	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 15:59	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*64.5 %*	*50-150*

Sample Information

Client Sample ID: B-20 (0-4) **York Sample ID:** 24C1260-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:15 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.90**		mg/kg dry	1.12	1	EPA 6010D	03/26/2024 12:37	03/27/2024 16:58	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**97.9**	B	mg/kg dry	0.450	1	EPA 6010D	03/26/2024 12:37	03/27/2024 16:58	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**92.7**		%	0.100	1	SM 2540G	03/25/2024 08:00	03/25/2024 11:10	HLY

Sample Information

Client Sample ID: B-21 (0-4) **York Sample ID:** 24C1260-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:30 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
83-32-9	Acenaphthene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
120-12-7	Anthracene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
56-55-3	**Benzo(a)anthracene**	**545**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
50-32-8	**Benzo(a)pyrene**	**639**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
205-99-2	**Benzo(b)fluoranthene**	**564**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
218-01-9	**Chrysene**	**553**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
206-44-0	**Fluoranthene**	**937**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
86-73-7	Fluorene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH

Sample Information

Client Sample ID: B-21 (0-4) **York Sample ID:** 24C1260-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:30 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
85-01-8	Phenanthrene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH
129-00-0	**Pyrene**	**938**		ug/kg dry	537	2	EPA 8270D	03/21/2024 13:09	03/22/2024 19:30	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.5 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.6 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.0 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**48.0**		mg/kg dry	40.4	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 16:42	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*55.1 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.85**		mg/kg dry	1.13	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:01	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**235**	B	mg/kg dry	0.450	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:01	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**92.6**		%	0.100	1	SM 2540G	03/25/2024 08:00	03/25/2024 11:10	HLY

Sample Information

Client Sample ID: B-21 (9-10) **York Sample ID:** 24C1260-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:30 am	03/20/2024

Analyzed by: Phoenix Environmental Labs, Inc.

SW8082A

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	PCB-1016	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007
11104-28-2	PCB-1221	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007
11141-16-5	PCB-1232	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007
53469-21-9	PCB-1242	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007
12672-29-6	PCB-1248	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007
11097-69-1	PCB-1254	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007
11096-82-5	PCB-1260	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007
37324-23-5	PCB-1262	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007
11100-14-4	PCB-1268	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007
PHNX - TOTPCB	Total PCBs	ND		mg/Kg	0.4	10	SW8082A	04/16/2024 00:00	04/17/2024 18:26	CT007

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOL	**Percent Solid**	**82**		%		1	SW846-%Solid	03/19/2024 08:30	04/15/2024 21:55	CT007

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
96-18-4	1,2,3-Trichloropropane	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
95-63-6	1,2,4-Trimethylbenzene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA

Sample Information

Client Sample ID: **B-21 (9-10)** **York Sample ID:** **24C1260-24**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:30 am	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
108-67-8	1,3,5-Trimethylbenzene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
106-46-7	1,4-Dichlorobenzene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
78-93-3	**2-Butanone**	**10**		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
95-49-8	2-Chlorotoluene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
591-78-6	2-Hexanone	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
106-43-4	4-Chlorotoluene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
67-64-1	**Acetone**	**73**	ICVE	ug/kg dry	9.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
107-13-1	Acrylonitrile	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
71-43-2	Benzene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
108-86-1	Bromobenzene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
74-97-5	Bromochloromethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-25-2	Bromoform	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
74-83-9	Bromomethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-15-0	Carbon disulfide	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
108-90-7	Chlorobenzene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-00-3	Chloroethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
67-66-3	Chloroform	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
74-87-3	Chloromethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
74-95-3	Dibromomethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
87-68-3	Hexachlorobutadiene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
98-82-8	**Isopropylbenzene**	**12**	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	9.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
91-20-3	Naphthalene	ND	IS-HI	ug/kg dry	9.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
104-51-8	**n-Butylbenzene**	**69**	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA

Sample Information

Client Sample ID: **B-21 (9-10)** **York Sample ID:** **24C1260-24**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:30 am	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	**n-Propylbenzene**	**44**	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
95-47-6	**o-Xylene**	**15**		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
99-87-6	p-Isopropyltoluene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
135-98-8	**sec-Butylbenzene**	**43**	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
100-42-5	Styrene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
98-06-6	**tert-Butylbenzene**	**16**	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	9.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
108-88-3	Toluene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND	IS-HI	ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
79-01-6	Trichloroethylene	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.7	1	EPA 8260C	03/25/2024 09:00	03/25/2024 17:58	SMA

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.0 %*		*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*		*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*296 %*	IS-HI, S-04, S-08	*70-130*

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	**2-Methylnaphthalene**	**7590**	ICVE	ug/kg dry	1530	5	EPA 8270D	03/21/2024 13:09	03/24/2024 18:34	SKF
83-32-9	**Acenaphthene**	**1960**		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
208-96-8	**Acenaphthylene**	**626**		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
120-12-7	**Anthracene**	**1360**		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
218-01-9	Chrysene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
206-44-0	Fluoranthene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
86-73-7	**Fluorene**	**3050**		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH

Sample Information

Client Sample ID: B-21 (9-10) **York Sample ID:** 24C1260-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:30 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
91-20-3	Naphthalene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
85-01-8	**Phenanthrene**	**4160**		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH
129-00-0	Pyrene	ND		ug/kg dry	613	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:04	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.5 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.8 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.8 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**3940**		mg/kg dry	938	20	CT DEP ETPH	03/21/2024 12:47	03/26/2024 02:22	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*84.5 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.71**		mg/kg dry	1.28	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:04	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**9.52**	B	mg/kg dry	0.514	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:04	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**81.2**		%	0.100	1	SM 2540G	03/25/2024 08:00	03/25/2024 11:10	HLY

Sample Information

Client Sample ID: **B-22 (1-5)** **York Sample ID:** **24C1260-25**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:55 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
83-32-9	Acenaphthene	ND		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
120-12-7	Anthracene	ND		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
56-55-3	**Benzo(a)anthracene**	**782**		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
50-32-8	**Benzo(a)pyrene**	**807**		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
205-99-2	**Benzo(b)fluoranthene**	**709**		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
191-24-2	**Benzo(g,h,i)perylene**	**596**		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
207-08-9	**Benzo(k)fluoranthene**	**710**		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
218-01-9	**Chrysene**	**806**		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
206-44-0	**Fluoranthene**	**1550**		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
86-73-7	Fluorene	ND		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
91-20-3	Naphthalene	ND		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
85-01-8	**Phenanthrene**	**864**		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH
129-00-0	**Pyrene**	**1480**		ug/kg dry	553	2	EPA 8270D	03/21/2024 13:09	03/22/2024 20:38	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.9 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.6 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.3 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**64.2**		mg/kg dry	42.3	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 17:57	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*67.3 %*	*50-150*

Sample Information

Client Sample ID: B-22 (1-5) **York Sample ID:** 24C1260-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:55 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.14**		mg/kg dry	1.16	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:07	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**206**	B	mg/kg dry	0.463	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:07	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.0**		%	0.100	1	SM 2540G	03/25/2024 08:00	03/25/2024 11:10	HLY

Sample Information

Client Sample ID: B-22 (5-9) **York Sample ID:** 24C1260-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:00 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
83-32-9	Acenaphthene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
120-12-7	Anthracene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
218-01-9	Chrysene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
206-44-0	Fluoranthene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
86-73-7	Fluorene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH

Sample Information

Client Sample ID: B-22 (5-9) **York Sample ID:** 24C1260-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:00 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
85-01-8	Phenanthrene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH
129-00-0	Pyrene	ND		ug/kg dry	594	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:11	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.6 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	47.3	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 18:36	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*66.2 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.42**		mg/kg dry	1.24	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:11	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**165**	B	mg/kg dry	0.498	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:11	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**83.8**		%	0.100	1	SM 2540G	03/25/2024 08:00	03/25/2024 11:10	HLY

Sample Information

Client Sample ID: **B-23 (1-5)** **York Sample ID:** **24C1260-27**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:15 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
83-32-9	Acenaphthene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
120-12-7	Anthracene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
56-55-3	**Benzo(a)anthracene**	**650**		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
50-32-8	**Benzo(a)pyrene**	**692**		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
218-01-9	**Chrysene**	**645**		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
206-44-0	**Fluoranthene**	**1400**		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
86-73-7	Fluorene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
91-20-3	Naphthalene	ND		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
85-01-8	**Phenanthrene**	**1060**		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH
129-00-0	**Pyrene**	**1230**		ug/kg dry	574	2	EPA 8270D	03/21/2024 13:09	03/22/2024 21:44	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.8 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.1 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.8 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	44.8	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 19:14	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*56.6 %*	*50-150*

Sample Information

Client Sample ID: B-23 (1-5) **York Sample ID:** 24C1260-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:15 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**7.42**		mg/kg dry	1.20	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:14	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**232**	B	mg/kg dry	0.481	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:14	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**86.7**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-24 (4-6) **York Sample ID:** 24C1260-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:25 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
83-32-9	Acenaphthene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
120-12-7	Anthracene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
218-01-9	Chrysene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
206-44-0	**Fluoranthene**	**1160**		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
86-73-7	Fluorene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH

Sample Information

Client Sample ID: B-24 (4-6) **York Sample ID:** 24C1260-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:25 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
85-01-8	**Phenanthrene**	**982**		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH
129-00-0	**Pyrene**	**1090**		ug/kg dry	591	2	EPA 8270D	03/21/2024 13:09	03/22/2024 22:17	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.1 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.4 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	44.4	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 19:52	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*54.3 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.11**		mg/kg dry	1.24	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:17	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**288**	B	mg/kg dry	0.495	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:17	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**84.2**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: **B-25 (1-5)** **York Sample ID:** **24C1260-29**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:45 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
83-32-9	Acenaphthene	ND		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
120-12-7	Anthracene	ND		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
56-55-3	**Benzo(a)anthracene**	**1230**		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
50-32-8	**Benzo(a)pyrene**	**1230**		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
205-99-2	**Benzo(b)fluoranthene**	**1040**		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
191-24-2	**Benzo(g,h,i)perylene**	**833**		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
207-08-9	**Benzo(k)fluoranthene**	**1070**		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
218-01-9	**Chrysene**	**1290**		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
206-44-0	**Fluoranthene**	**2760**		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
86-73-7	Fluorene	ND		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**726**	ICVE	ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
91-20-3	Naphthalene	ND		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
85-01-8	**Phenanthrene**	**2100**		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH
129-00-0	**Pyrene**	**2490**		ug/kg dry	563	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:07	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.8 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.3 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.1 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	41.9	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 20:30	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*57.6 %*	*50-150*

Sample Information

Client Sample ID: B-25 (1-5) **York Sample ID:** 24C1260-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:45 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.00**		mg/kg dry	1.18	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:20	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**211**	B	mg/kg dry	0.472	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:20	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**88.3**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-26 (1-5) **York Sample ID:** 24C1260-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:55 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
83-32-9	Acenaphthene	ND		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
120-12-7	Anthracene	ND		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
56-55-3	**Benzo(a)anthracene**	**1310**		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
50-32-8	**Benzo(a)pyrene**	**1400**		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
205-99-2	**Benzo(b)fluoranthene**	**1270**		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
191-24-2	**Benzo(g,h,i)perylene**	**1080**		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
207-08-9	**Benzo(k)fluoranthene**	**1250**		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
218-01-9	**Chrysene**	**1420**		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
206-44-0	**Fluoranthene**	**3060**		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
86-73-7	Fluorene	ND		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**899**	ICVE	ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH

Sample Information

Client Sample ID: B-26 (1-5) **York Sample ID:** 24C1260-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 9:55 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
85-01-8	**Phenanthrene**	**2170**		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH
129-00-0	**Pyrene**	**2610**		ug/kg dry	555	2	EPA 8270D	03/21/2024 13:09	03/22/2024 15:39	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.1 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**62.0**		mg/kg dry	41.3	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 21:08	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*61.9 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.63**		mg/kg dry	1.16	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:29	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**236**	B	mg/kg dry	0.465	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:29	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**89.7**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: **B-26 (8-10)** **York Sample ID:** **24C1260-31**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:00 am	03/20/2024

VOA, 8260 RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
78-93-3	2-Butanone	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
591-78-6	2-Hexanone	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
67-64-1	**Acetone**	**44**	ICVE	ug/kg dry	9.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
107-13-1	Acrylonitrile	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
71-43-2	Benzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
108-86-1	Bromobenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
74-97-5	Bromochloromethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
75-25-2	Bromoform	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
74-83-9	Bromomethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
75-15-0	Carbon disulfide	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
108-90-7	Chlorobenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA

Sample Information

Client Sample ID: B-26 (8-10) **York Sample ID:** 24C1260-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:00 am	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
67-66-3	Chloroform	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
74-87-3	Chloromethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
74-95-3	Dibromomethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	9.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
91-20-3	Naphthalene	ND		ug/kg dry	9.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
95-47-6	o-Xylene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
100-42-5	Styrene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	9.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
108-88-3	Toluene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
79-01-6	Trichloroethylene	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.6	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:26	SMA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.8 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.6 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*70-130*

Sample Information

Client Sample ID: B-26 (8-10) **York Sample ID:** 24C1260-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:00 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
83-32-9	Acenaphthene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
120-12-7	Anthracene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
218-01-9	Chrysene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
206-44-0	Fluoranthene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
86-73-7	Fluorene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
91-20-3	Naphthalene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
85-01-8	Phenanthrene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH
129-00-0	Pyrene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:13	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.8 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.9 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.0 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	45.8	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 22:25	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*51.7 %*	*50-150*

Sample Information

Client Sample ID: B-26 (8-10) **York Sample ID:** 24C1260-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:00 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.02**		mg/kg dry	1.25	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:32	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**127**	B	mg/kg dry	0.502	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:32	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**83.1**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-27 (0-4) **York Sample ID:** 24C1260-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:15 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
83-32-9	Acenaphthene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
120-12-7	Anthracene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
218-01-9	Chrysene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
206-44-0	Fluoranthene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
86-73-7	Fluorene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH

Sample Information

Client Sample ID: B-27 (0-4) **York Sample ID:** 24C1260-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:15 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
85-01-8	Phenanthrene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH
129-00-0	Pyrene	ND		ug/kg dry	541	2	EPA 8270D	03/21/2024 13:09	03/22/2024 16:45	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.6 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.6 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.7 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	42.7	1	CT DEP ETPH	03/21/2024 12:47	03/22/2024 23:03	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*68.4 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.18**		mg/kg dry	1.13	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:35	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**72.7**	B	mg/kg dry	0.454	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:35	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**91.9**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: **B-28 (1-5)** **York Sample ID:** **24C1260-33**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:25 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
120-12-7	Anthracene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
218-01-9	Chrysene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
86-73-7	Fluorene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
91-20-3	Naphthalene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF
129-00-0	Pyrene	ND		ug/kg dry	537	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:38	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.7 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.5 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	40.4	1	CT DEP ETPH	03/21/2024 08:16	03/21/2024 19:36	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*65.6 %*	*50-150*

Sample Information

Client Sample ID: B-28 (1-5) **York Sample ID:** 24C1260-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:25 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.33**		mg/kg dry	1.14	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:38	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**14.0**	B	mg/kg dry	0.454	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:38	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**91.8**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-29 (1-5) **York Sample ID:** 24C1260-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:35 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
120-12-7	Anthracene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
218-01-9	Chrysene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
206-44-0	**Fluoranthene**	**795**		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
86-73-7	Fluorene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF

Sample Information

Client Sample ID: B-29 (1-5) **York Sample ID:** 24C1260-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:35 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF
129-00-0	**Pyrene**	**567**		ug/kg dry	523	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:07	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.8 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.4 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	42.3	1	CT DEP ETPH	03/21/2024 08:16	03/21/2024 20:14	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*61.4 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.74**		mg/kg dry	1.12	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:41	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**125**	B	mg/kg dry	0.449	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:41	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**92.8**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: **B-29 (9-10)** **York Sample ID:** **24C1260-35**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:40 am	03/20/2024

VOA, 8260 RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
78-93-3	**2-Butanone**	**13**		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
591-78-6	2-Hexanone	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
67-64-1	**Acetone**	**83**	ICVE	ug/kg dry	8.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
107-13-1	Acrylonitrile	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
71-43-2	Benzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
108-86-1	Bromobenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
74-97-5	Bromochloromethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
75-25-2	Bromoform	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
74-83-9	Bromomethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
75-15-0	Carbon disulfide	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
108-90-7	**Chlorobenzene**	**23**		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA

Sample Information

Client Sample ID: **B-29 (9-10)** **York Sample ID:** **24C1260-35**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:40 am	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
67-66-3	Chloroform	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
74-87-3	Chloromethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
74-95-3	Dibromomethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	8.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
91-20-3	Naphthalene	ND		ug/kg dry	8.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
95-47-6	**o-Xylene**	**11**		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
100-42-5	Styrene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
98-06-6	**tert-Butylbenzene**	**96**		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	8.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
108-88-3	Toluene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
79-01-6	Trichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.4	1	EPA 8260C	03/25/2024 09:00	03/25/2024 18:53	SMA
	Surrogate Recoveries	**Result**			**Acceptance Range**					
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.2 %*			*70-130*					
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*			*70-130*					
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*3080 %*	S-04, S-08		*70-130*					

Sample Information

Client Sample ID: **B-29 (9-10)** **York Sample ID:** **24C1260-35**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:40 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
83-32-9	**Acenaphthene**	**786**		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
120-12-7	Anthracene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
218-01-9	Chrysene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
86-73-7	**Fluorene**	**1270**		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
91-20-3	**Naphthalene**	**1520**		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF
129-00-0	Pyrene	ND		ug/kg dry	607	2	EPA 8270D	03/21/2024 08:23	03/22/2024 17:36	SKF

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*93.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.4 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**8960**		mg/kg dry	2300	50	CT DEP ETPH	03/21/2024 08:16	03/23/2024 06:05	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*84.4 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.88**		mg/kg dry	1.28	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:44	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **B-29 (9-10)** **York Sample ID:** **24C1260-35**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:40 am	03/20/2024

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**7.68**	B	mg/kg dry	0.514	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:44	AGNR

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**81.1**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: **B-30 (0-2)** **York Sample ID:** **24C1260-36**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:50 am	03/20/2024

SVOA, 8270 ASE RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
120-12-7	Anthracene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
218-01-9	Chrysene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
86-73-7	Fluorene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
91-20-3	Naphthalene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF
129-00-0	Pyrene	ND		ug/kg dry	524	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:06	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.2 %*	*30-130*

Sample Information

Client Sample ID: B-30 (0-2) **York Sample ID:** 24C1260-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:50 am	03/20/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**44.8**		mg/kg dry	42.8	1	CT DEP ETPH	03/21/2024 08:16	03/21/2024 21:30	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*64.9 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.08**		mg/kg dry	1.12	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:47	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**65.1**	B	mg/kg dry	0.450	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:47	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**92.6**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-30 (9-10) **York Sample ID:** 24C1260-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:55 am	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA

Sample Information

Client Sample ID: **B-30 (9-10)** **York Sample ID:** **24C1260-37**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:55 am	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
96-18-4	1,2,3-Trichloropropane	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
95-63-6	1,2,4-Trimethylbenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
95-50-1	1,2-Dichlorobenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
108-67-8	1,3,5-Trimethylbenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
106-46-7	1,4-Dichlorobenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
78-93-3	**2-Butanone**	**17**		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
95-49-8	2-Chlorotoluene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
591-78-6	2-Hexanone	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
106-43-4	4-Chlorotoluene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
67-64-1	**Acetone**	**180**	ICVE	ug/kg dry	10	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
107-13-1	Acrylonitrile	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
71-43-2	**Benzene**	**5.7**		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
108-86-1	Bromobenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
74-97-5	Bromochloromethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-25-2	Bromoform	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
74-83-9	Bromomethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-15-0	Carbon disulfide	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
108-90-7	**Chlorobenzene**	**20**		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-00-3	Chloroethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
67-66-3	Chloroform	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
74-87-3	Chloromethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA

Sample Information

Client Sample ID: **B-30 (9-10)** **York Sample ID:** **24C1260-37**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:55 am	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
87-68-3	Hexachlorobutadiene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
98-82-8	Isopropylbenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	10	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
91-20-3	Naphthalene	ND	IS-HI	ug/kg dry	10	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
104-51-8	n-Butylbenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
103-65-1	n-Propylbenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
95-47-6	o-Xylene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
99-87-6	p-Isopropyltoluene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
135-98-8	sec-Butylbenzene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
100-42-5	Styrene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
98-06-6	**tert-Butylbenzene**	**11**	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	10	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
108-88-3	Toluene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND	IS-HI	ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
79-01-6	Trichloroethylene	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.2	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:21	SMA

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.8 %*		*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*		*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*319 %*	IS-HI, S-04, S-08	*70-130*

Sample Information

Client Sample ID: **B-30 (9-10)** **York Sample ID:** **24C1260-37**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:55 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
120-12-7	Anthracene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
218-01-9	Chrysene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
86-73-7	Fluorene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
91-20-3	Naphthalene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF
129-00-0	Pyrene	ND		ug/kg dry	580	2	EPA 8270D	03/21/2024 08:23	03/22/2024 18:34	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.3 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.4 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**6270**		mg/kg dry	2240	50	CT DEP ETPH	03/21/2024 08:16	03/23/2024 06:43	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*71.5 %*	*50-150*

Sample Information

Client Sample ID: B-30 (9-10) **York Sample ID:** 24C1260-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:55 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.23	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:50	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.50**	B	mg/kg dry	0.491	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:50	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**84.9**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-31 (1-5) **York Sample ID:** 24C1260-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 11:10 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
120-12-7	Anthracene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
56-55-3	**Benzo(a)anthracene**	**616**		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
50-32-8	**Benzo(a)pyrene**	**590**		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
205-99-2	**Benzo(b)fluoranthene**	**609**		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
218-01-9	Chrysene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
206-44-0	**Fluoranthene**	**1210**		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
86-73-7	Fluorene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF

Sample Information

Client Sample ID: B-31 (1-5) **York Sample ID:** 24C1260-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 11:10 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF
129-00-0	**Pyrene**	**921**		ug/kg dry	546	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:03	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.2 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.7 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**89.5**		mg/kg dry	41.4	1	CT DEP ETPH	03/21/2024 08:16	03/21/2024 22:47	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*66.8 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.27**		mg/kg dry	1.15	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:53	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**103**	B	mg/kg dry	0.462	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:53	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.2**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: **B-31 (9-10)** **York Sample ID:** **24C1260-39**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 11:15 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
120-12-7	Anthracene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
218-01-9	Chrysene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
86-73-7	Fluorene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
91-20-3	Naphthalene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF
129-00-0	Pyrene	ND		ug/kg dry	584	2	EPA 8270D	03/21/2024 08:23	03/22/2024 19:32	SKF

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*159 %*	S-08	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*86.5 %*		*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.3 %*		*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**1830**		mg/kg dry	460	10	CT DEP ETPH	03/21/2024 08:16	03/23/2024 07:21	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*78.0 %*	*50-150*

Sample Information

Client Sample ID: B-31 (9-10) **York Sample ID:** 24C1260-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 11:15 am	03/20/2024

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.97**		mg/kg dry	1.26	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:56	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**7.38**	B	mg/kg dry	0.504	1	EPA 6010D	03/26/2024 12:37	03/27/2024 17:56	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**82.7**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-32 (0-2) **York Sample ID:** 24C1260-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 11:50 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
120-12-7	Anthracene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
218-01-9	Chrysene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
206-44-0	**Fluoranthene**	**588**		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
86-73-7	Fluorene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF

Sample Information

Client Sample ID: B-32 (0-2) **York Sample ID:** 24C1260-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 11:50 am	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF
129-00-0	Pyrene	ND		ug/kg dry	535	2	EPA 8270D	03/21/2024 08:23	03/22/2024 20:01	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.2 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.6 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**51.0**		mg/kg dry	42.0	1	CT DEP ETPH	03/21/2024 08:16	03/22/2024 00:03	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*64.3 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.57**		mg/kg dry	1.15	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:25	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**71.4**		mg/kg dry	0.460	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:25	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.7**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-33 (0-2) **York Sample ID:** 24C1260-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
120-12-7	Anthracene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
218-01-9	Chrysene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
86-73-7	Fluorene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
91-20-3	Naphthalene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF
129-00-0	Pyrene	ND		ug/kg dry	512	2	EPA 8270D	03/21/2024 08:23	03/22/2024 12:43	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.9 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.2 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.0 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	41.4	1	CT DEP ETPH	03/21/2024 08:16	03/22/2024 01:20	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*76.0 %*	*50-150*

Sample Information

Client Sample ID: B-33 (0-2) **York Sample ID:** 24C1260-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.92**		mg/kg dry	1.10	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:28	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**42.5**		mg/kg dry	0.440	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:28	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**94.8**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-34 (1-5) **York Sample ID:** 24C1260-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
120-12-7	Anthracene	ND		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
56-55-3	**Benzo(a)anthracene**	**1350**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
50-32-8	**Benzo(a)pyrene**	**1260**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
205-99-2	**Benzo(b)fluoranthene**	**1140**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
191-24-2	**Benzo(g,h,i)perylene**	**756**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
207-08-9	**Benzo(k)fluoranthene**	**1100**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
218-01-9	**Chrysene**	**1150**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
206-44-0	**Fluoranthene**	**2170**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
86-73-7	Fluorene	ND		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**919**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF

Sample Information

Client Sample ID: B-34 (1-5) **York Sample ID:** 24C1260-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
85-01-8	**Phenanthrene**	**1030**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF
129-00-0	**Pyrene**	**1880**		ug/kg dry	542	2	EPA 8270D	03/21/2024 08:23	03/22/2024 13:13	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.2 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.2 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**105**		mg/kg dry	43.2	1	CT DEP ETPH	03/21/2024 08:16	03/22/2024 01:58	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*67.6 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.15	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:31	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**27.4**		mg/kg dry	0.459	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:31	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.8**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: **B-35 (1-5)** **York Sample ID:** **24C1260-43**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
120-12-7	Anthracene	ND		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
56-55-3	**Benzo(a)anthracene**	**845**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
50-32-8	**Benzo(a)pyrene**	**974**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
205-99-2	**Benzo(b)fluoranthene**	**859**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
191-24-2	**Benzo(g,h,i)perylene**	**745**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
207-08-9	**Benzo(k)fluoranthene**	**772**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
218-01-9	**Chrysene**	**774**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
206-44-0	**Fluoranthene**	**1810**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
86-73-7	Fluorene	ND		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**846**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
91-20-3	Naphthalene	ND		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
85-01-8	**Phenanthrene**	**652**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF
129-00-0	**Pyrene**	**1310**		ug/kg dry	526	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:22	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.9 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.3 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.1 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**43.4**		mg/kg dry	42.3	1	CT DEP ETPH	03/21/2024 08:16	03/22/2024 02:36	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*63.8 %*	*50-150*

Sample Information

Client Sample ID: B-35 (1-5) **York Sample ID:** 24C1260-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.14**		mg/kg dry	1.12	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:40	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**142**		mg/kg dry	0.450	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:40	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**92.7**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-36 (2-5) **York Sample ID:** 24C1260-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
120-12-7	Anthracene	ND		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
56-55-3	**Benzo(a)anthracene**	**918**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
50-32-8	**Benzo(a)pyrene**	**1200**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
205-99-2	**Benzo(b)fluoranthene**	**1070**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
191-24-2	**Benzo(g,h,i)perylene**	**952**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
207-08-9	**Benzo(k)fluoranthene**	**1020**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
218-01-9	**Chrysene**	**921**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
206-44-0	**Fluoranthene**	**1970**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
86-73-7	Fluorene	ND		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1020**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF

Sample Information

Client Sample ID: B-36 (2-5) **York Sample ID:** 24C1260-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
85-01-8	**Phenanthrene**	**639**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF
129-00-0	**Pyrene**	**1410**		ug/kg dry	514	2	EPA 8270D	03/27/2024 08:12	03/28/2024 12:52	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.2 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.0 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**53.2**		mg/kg dry	39.7	1	CT DEP ETPH	03/21/2024 08:16	03/22/2024 03:15	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*64.4 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.94**		mg/kg dry	1.09	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:43	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**199**		mg/kg dry	0.435	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:43	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**95.9**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-37 (9-10) **York Sample ID:** 24C1260-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
120-12-7	Anthracene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
218-01-9	Chrysene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
86-73-7	Fluorene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
91-20-3	Naphthalene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF
129-00-0	Pyrene	ND		ug/kg dry	562	2	EPA 8270D	03/27/2024 08:12	03/28/2024 13:21	SKF

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.3 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.2 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**319**		mg/kg dry	44.1	1	CT DEP ETPH	03/21/2024 08:16	03/22/2024 03:53	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*62.0 %*	*50-150*

Sample Information

Client Sample ID: B-37 (9-10) **York Sample ID:** 24C1260-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.21	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:46	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**8.50**		mg/kg dry	0.483	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:46	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**86.4**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-37 (13-15) **York Sample ID:** 24C1260-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
96-18-4	1,2,3-Trichloropropane	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
95-63-6	1,2,4-Trimethylbenzene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA

Sample Information

Client Sample ID: **B-37 (13-15)** **York Sample ID:** **24C1260-46**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
95-50-1	1,2-Dichlorobenzene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
108-67-8	1,3,5-Trimethylbenzene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
106-46-7	1,4-Dichlorobenzene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
78-93-3	**2-Butanone**	**27**		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
95-49-8	2-Chlorotoluene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
591-78-6	2-Hexanone	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
106-43-4	4-Chlorotoluene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
67-64-1	**Acetone**	**130**	ICVE	ug/kg dry	12	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
107-13-1	Acrylonitrile	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
71-43-2	Benzene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
108-86-1	Bromobenzene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
74-97-5	Bromochloromethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-25-2	Bromoform	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
74-83-9	Bromomethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-15-0	Carbon disulfide	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
108-90-7	**Chlorobenzene**	**69**		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-00-3	Chloroethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
67-66-3	Chloroform	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
74-87-3	Chloromethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
74-95-3	Dibromomethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
87-68-3	Hexachlorobutadiene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
98-82-8	**Isopropylbenzene**	**130**	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	12	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
91-20-3	Naphthalene	ND	IS-HI	ug/kg dry	12	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA

Sample Information

Client Sample ID: **B-37 (13-15)** **York Sample ID:** **24C1260-46**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

VOA, 8260 RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	**n-Butylbenzene**	**120**	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
103-65-1	**n-Propylbenzene**	**220**	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
95-47-6	o-Xylene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
99-87-6	p-Isopropyltoluene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
135-98-8	**sec-Butylbenzene**	**190**	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
100-42-5	Styrene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
98-06-6	**tert-Butylbenzene**	**64**	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	12	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
108-88-3	Toluene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND	IS-HI	ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
79-01-6	Trichloroethylene	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.8	1	EPA 8260C	03/25/2024 09:00	03/25/2024 19:48	SMA

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.4 %*		*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.4 %*		*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*839 %*	S-04, S-08, IS-HI	*70-130*

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
83-32-9	**Acenaphthene**	**612**		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
120-12-7	Anthracene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
218-01-9	Chrysene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF

Sample Information

Client Sample ID: **B-37 (13-15)** **York Sample ID:** **24C1260-46**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**1150**		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
91-20-3	Naphthalene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
85-01-8	**Phenanthrene**	**1210**		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF
129-00-0	Pyrene	ND		ug/kg dry	568	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:10	SKF

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*235 %*	S-08	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.2 %*		*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.7 %*		*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**4000**		mg/kg dry	874	20	CT DEP ETPH	03/21/2024 08:16	03/23/2024 07:59	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*70.8 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.52**		mg/kg dry	1.22	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:49	AGNR

Lead by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.66**		mg/kg dry	0.488	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:49	AGNR

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**85.5**		%	0.100	1	SM 2540G	03/25/2024 09:52	03/25/2024 14:33	HLY

Sample Information

Client Sample ID: B-38 (10-12) **York Sample ID:** 24C1260-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
120-12-7	Anthracene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
218-01-9	Chrysene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
86-73-7	**Fluorene**	**998**		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
91-20-3	Naphthalene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF
129-00-0	Pyrene	ND		ug/kg dry	599	2	EPA 8270D	03/21/2024 08:23	03/22/2024 15:39	SKF

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*93.6 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.3 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**8400**		mg/kg dry	1740	20	CT DEP ETPH	03/21/2024 08:16	03/27/2024 14:54	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*62.9 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.27	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:52	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: B-38 (10-12) **York Sample ID:** 24C1260-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.15**		mg/kg dry	0.510	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:52	AGNR

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**81.8**		%	0.100	1	SM 2540G	03/25/2024 11:16	03/25/2024 14:40	HLY

Sample Information

Client Sample ID: B-39 (9-10) **York Sample ID:** 24C1260-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

SVOA, 8270 ASE RCP MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
83-32-9	Acenaphthene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
208-96-8	Acenaphthylene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
120-12-7	Anthracene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
218-01-9	Chrysene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
206-44-0	Fluoranthene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
86-73-7	Fluorene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
91-20-3	Naphthalene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
85-01-8	Phenanthrene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF
129-00-0	Pyrene	ND		ug/kg dry	561	2	EPA 8270D	03/21/2024 08:23	03/22/2024 16:09	SKF

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*107 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*94.4 %*	*30-130*

Sample Information

Client Sample ID: B-39 (9-10) **York Sample ID:** 24C1260-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 3:00 pm	03/20/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**6550**		mg/kg dry	2180	50	CT DEP ETPH	03/21/2024 08:16	03/27/2024 15:32	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*87.5 %*	*50-150*

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.18	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:55	AGNR

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**19.1**		mg/kg dry	0.473	1	EPA 6010D	03/25/2024 14:11	03/27/2024 18:55	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**88.2**		%	0.100	1	SM 2540G	03/25/2024 11:16	03/25/2024 14:40	HLY

Sample Information

Client Sample ID: B-21 (9-10) **York Sample ID:** 24C1260-49

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 10:40 am	03/20/2024

Petroleum Identification

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Petroleum Identification	No. 2 Fuel oil/Diesel		ID only	1.00	1	EPA 8015D	04/04/2024 08:51	04/05/2024 00:34	GXB

Sample Information

Client Sample ID: B-29 (9-10) **York Sample ID:** 24C1260-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 8:35 am	03/20/2024

Petroleum Identification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Petroleum Identification	No. 2 Fuel oil/Diesel		ID only	1.00	1	EPA 8015D	04/04/2024 08:51	04/05/2024 00:58	GXB

Sample Information

Client Sample ID: B-37 (13-15) **York Sample ID:** 24C1260-51

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 1:10 pm	03/20/2024

Petroleum Identification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Petroleum Identification	No. 2 Fuel oil/Diesel		ID only	1.00	1	EPA 8015D	04/04/2024 08:51	04/05/2024 01:23	GXB

Sample Information

Client Sample ID: B-38 (10-12) **York Sample ID:** 24C1260-52

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1260	24.100/001 CHURCH STREET SOUTH	Soil	March 19, 2024 1:30 pm	03/20/2024

Petroleum Identification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Petroleum Identification	No. 2 Fuel oil/Diesel		ID only	1.00	1	EPA 8015D	04/04/2024 08:51	04/05/2024 01:47	GXB

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	York Analytical Laboratories, Inc. - Strat	*Client:*	Payne Environmental LLC
Project Location:	24.100/001 CHURCH STREET SOUTH	*Lab Project No.:*	**24C1260**
Laboratory Sample ID(s):	24C1260-01 - 24C1260-52	*Sampling Date(s):*	03/18/2024 - 03/19/2024

RCP Methods Used: See Narrative and Method Reference Section of this Technical Report

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP RCPs)?	YES
1A	Were the method specified preservation and holding time requirements met?	YES
1B	VPH and EPH Methods only: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	NR
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were samples received at an appropriate temperature (< or = 6°C)?	YES
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	NO
5A	Were reporting limits specified or referenced on the chain-of-custody?	YES
5B	Were these reporting limits met?	YES
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	NO
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	YES

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to questions #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Cassie L. Mosher Position: Laboratory Manager

Printed Name: Cassie L. Mosher Date: 04/26/2024

York Narrative- CTDEEP RCP Introduction

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - BIAS Summary Report-Multiple Lines of Evidence
    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

PHOENIX
Environmental Laboratories, Inc.

Monday, April 29, 2024

Attn: Ms.Cassie Mosher
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project ID: 24C1260
SDG ID: GCQ51805
Sample ID#s: CQ51805

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

April 29, 2024

SDG I.D.: GCQ51805

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.
Compounds that are detected above MDL but below RL are qualified with a J flag.

Version 2: RCP added.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

April 29, 2024

SDG I.D.: GCQ51805

Project ID: 24C1260

Client Id	Lab Id	Matrix
B-21 (9-10)	CQ51805	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 29, 2024

FOR: Attn: Ms.Cassie Mosher
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/19/24	8:30
Location Code:	YORK-PCB	Received by:	SR1	04/15/24	17:38
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCQ51805
Phoenix ID: CQ51805

Project ID: 24C1260
Client ID: B-21 (9-10)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82			%		04/15/24	CV	SW846-%Solid
Extraction for PCB	Completed					04/16/24	R/RB	SW3540C
PCB (Soxhlet SW3540C)								
PCB-1016	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
PCB-1221	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
PCB-1232	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
PCB-1242	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
PCB-1248	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
PCB-1254	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
PCB-1260	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
PCB-1262	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
PCB-1268	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
Total PCBs	ND	0.4	0.4	mg/Kg	10	04/17/24	SC	SW8082A
QA/QC Surrogates								
% DCBP	100			%	10	04/17/24	SC	30 - 150 %
% DCBP (Confirmation)	101			%	10	04/17/24	SC	30 - 150 %
% TCMX	72			%	10	04/17/24	SC	30 - 150 %
% TCMX (Confirmation)	73			%	10	04/17/24	SC	30 - 150 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected at RL/PQL BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 29, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

QA/QC Report

April 29, 2024

QA/QC Data

SDG I.D.: GCQ51805

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 727053 (mg/Kg), QC Sample No: CQ51805 10X (CQ51805)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	0.17	107	95	11.9	78	75	3.9	40 - 140	30
PCB-1221	ND	0.17							40 - 140	30
PCB-1232	ND	0.17							40 - 140	30
PCB-1242	ND	0.17							40 - 140	30
PCB-1248	ND	0.17							40 - 140	30
PCB-1254	ND	0.17							40 - 140	30
PCB-1260	ND	0.17	114	88	25.7	76	70	8.2	40 - 140	30
PCB-1262	ND	0.17							40 - 140	30
PCB-1268	ND	0.17							40 - 140	30
% DCBP (Surrogate Rec)	113	%	116	101	13.8	102	93	9.2	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	104	%	111	98	12.4	104	95	9.0	30 - 150	30
% TCMX (Surrogate Rec)	98	%	104	93	11.2	76	72	5.4	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	90	%	99	93	6.3	86	81	6.0	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
April 29, 2024

Monday, April 29, 2024

Criteria: None

State: CT

Sample Criteria Exceedances Report

GCQ51805 - YORK-PCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:***

Project Location: 24C1260 ***Project Number:***

Laboratory Sample ID(s): CQ51805 ***Sampling Date(s):*** 3/19/2024

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8082

1	**For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☐ Yes ☑ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☑ Yes ☐ No ☐ NA
4	**Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?**	☑ Yes ☐ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☐ Yes ☑ No ☑ Yes ☐ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee **Position:** Project Manager

Printed Name: Ethan Lee **Date:** Monday, April 29, 2024

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

April 29, 2024

SDG I.D.: GCQ51805

SDG Comments

Analyses were performed outside of method hold time limit.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD29 04/17/24-1 Saadia Chudary, Chemist 04/17/24

CQ51805 (10X)

The initial calibration (PC0306AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC0306BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

QC (Site Specific):

Batch 727053 (CQ51805)

CQ51805

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 40 - 140 with the following exceptions: None.
All MSD recoveries were within 40 - 140 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 3.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

YORK
Analytical Laboratories, Inc.

4/12/2024

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 24C1260

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc. - Stratford
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102
Fax: (860) 645-0823

York Ref: 24C1260-24

Sample ID: B-21 (9-10) 51805 **Matrix:** Soil **Date Sampled :** 03/19/2024 08:30

Analysis Needed	Date Due	Holding Time Expires	Comments
Polychlorinated Biphenyls- Soxhlet Ext	04/23/2024 19:00	04/02/2024 08:30	

Containers Supplied:
06_8 oz. WM Clear Glass Cool to 4° C (A)

York Purchase Order No.: 24C1260 Samples from State of: CT

Deliverables required:

EDDs required:

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Rachel A Driesen	4/12/2024	rcc: CH 4/15/24 12:05	
Released By York Sample Control	Date	Received By	Date
CH 4/15/24 17:35 1.8°C		4/15/24 1738	
Received By	Date	Received in Subcontract Lab By	Date

3.7 WCE/K

Sarah Bell

Subject: FW: RCP Report
Attachments: SUBCOC_24C1260_ to Phx.pdf

Sarah Bell
Project Manager
Phoenix Environmental Laboratories
587 East Middle Turnpike
Sarah@phoenixlabs.com
860-812-0270
Website: www.phoenixlabs.com

From: Kimberly Karcich <KKarcich@yorklab.com>
Sent: Friday, April 26, 2024 9:56 AM
To: Sarah Bell <sarah@phoenixlabs.com>
Subject: RCP Report

Hi Sarah,

We forgot to request a RCP data package for the attached sub.

Best,

Kimberly Karcich
Project Manager
York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
Office phone: 203-325-1371 x 856
Email: kkarcich@yorklab.com

Work Order Narrative

York Analytical Work Order No.: 24C1260

Client : Payne Environmental LLC

Client Project ID : 24.100/001 CHURCH STREET SOUTH

Prepared for : Neil Payne

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 03/20/2024 2:30 PM

52 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{1.5}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
B-1 (1-3)	24C1260-01	Soil	03/18/2024 8:10 AM	03/20/2024 2:30 PM
B-2 (1-3)	24C1260-02	Soil	03/18/2024 8:30 AM	03/20/2024 2:30 PM
B-3 (0-2)	24C1260-03	Soil	03/18/2024 8:50 AM	03/20/2024 2:30 PM
B-4 (0-4)	24C1260-04	Soil	03/18/2024 9:15 AM	03/20/2024 2:30 PM
B-5 (0-3)	24C1260-05	Soil	03/18/2024 9:50 AM	03/20/2024 2:30 PM
B-6 (0-3)	24C1260-06	Soil	03/18/2024 10:00 AM	03/20/2024 2:30 PM
B-7 (0-2)	24C1260-07	Soil	03/18/2024 10:20 AM	03/20/2024 2:30 PM
B-7 (8-10)	24C1260-08	Soil	03/18/2024 10:25 AM	03/20/2024 2:30 PM
B-7 (8-10) D	24C1260-09	Soil	03/18/2024 10:25 AM	03/20/2024 2:30 PM
B-8 (0-3)	24C1260-10	Soil	03/18/2024 10:50 AM	03/20/2024 2:30 PM
B-9 (1-3)	24C1260-11	Soil	03/18/2024 11:35 AM	03/20/2024 2:30 PM
B-10 (0-3)	24C1260-12	Soil	03/18/2024 12:05 PM	03/20/2024 2:30 PM
B-11 (1-4)	24C1260-13	Soil	03/18/2024 12:45 PM	03/20/2024 2:30 PM
B-12 (1-4)	24C1260-14	Soil	03/18/2024 12:55 PM	03/20/2024 2:30 PM
B-13 (1-4)	24C1260-15	Soil	03/18/2024 1:15 PM	03/20/2024 2:30 PM
B-14 (1-4)	24C1260-16	Soil	03/18/2024 2:00 PM	03/20/2024 2:30 PM
B-15 (4-6)	24C1260-17	Soil	03/18/2024 2:15 PM	03/20/2024 2:30 PM
B-16 (1-5)	24C1260-18	Soil	03/19/2024 7:25 AM	03/20/2024 2:30 PM
B-17 (0-4)	24C1260-19	Soil	03/19/2024 7:35 AM	03/20/2024 2:30 PM
B-18 (0-4)	24C1260-20	Soil	03/19/2024 7:45 AM	03/20/2024 2:30 PM
B-19 (0-4)	24C1260-21	Soil	03/19/2024 7:55 AM	03/20/2024 2:30 PM
B-20 (0-4)	24C1260-22	Soil	03/19/2024 8:15 AM	03/20/2024 2:30 PM
B-21 (0-4)	24C1260-23	Soil	03/19/2024 8:30 AM	03/20/2024 2:30 PM
B-21 (9-10)	24C1260-24	Soil	03/19/2024 8:30 AM	03/20/2024 2:30 PM
B-22 (1-5)	24C1260-25	Soil	03/19/2024 8:55 AM	03/20/2024 2:30 PM
B-22 (5-9)	24C1260-26	Soil	03/19/2024 9:00 AM	03/20/2024 2:30 PM
B-23 (1-5)	24C1260-27	Soil	03/19/2024 9:15 AM	03/20/2024 2:30 PM
B-24 (4-6)	24C1260-28	Soil	03/19/2024 9:25 AM	03/20/2024 2:30 PM
B-25 (1-5)	24C1260-29	Soil	03/19/2024 9:45 AM	03/20/2024 2:30 PM
B-26 (1-5)	24C1260-30	Soil	03/19/2024 9:55 AM	03/20/2024 2:30 PM
B-26 (8-10)	24C1260-31	Soil	03/19/2024 10:00 AM	03/20/2024 2:30 PM
B-27 (0-4)	24C1260-32	Soil	03/19/2024 10:15 AM	03/20/2024 2:30 PM
B-28 (1-5)	24C1260-33	Soil	03/19/2024 10:25 AM	03/20/2024 2:30 PM
B-29 (1-5)	24C1260-34	Soil	03/19/2024 10:35 AM	03/20/2024 2:30 PM

B-29 (9-10)	24C1260-35	Soil	03/19/2024 10:40 AM	03/20/2024 2:30 PM
B-30 (0-2)	24C1260-36	Soil	03/19/2024 10:50 AM	03/20/2024 2:30 PM
B-30 (9-10)	24C1260-37	Soil	03/19/2024 10:55 AM	03/20/2024 2:30 PM
B-31 (1-5)	24C1260-38	Soil	03/19/2024 11:10 AM	03/20/2024 2:30 PM
B-31 (9-10)	24C1260-39	Soil	03/19/2024 11:15 AM	03/20/2024 2:30 PM
B-32 (0-2)	24C1260-40	Soil	03/19/2024 11:50 AM	03/20/2024 2:30 PM
B-33 (0-2)	24C1260-41	Soil	03/19/2024 3:00 PM	03/20/2024 2:30 PM
B-34 (1-5)	24C1260-42	Soil	03/19/2024 3:00 PM	03/20/2024 2:30 PM
B-35 (1-5)	24C1260-43	Soil	03/19/2024 3:00 PM	03/20/2024 2:30 PM
B-36 (2-5)	24C1260-44	Soil	03/19/2024 3:00 PM	03/20/2024 2:30 PM
B-37 (9-10)	24C1260-45	Soil	03/19/2024 3:00 PM	03/20/2024 2:30 PM
B-37 (13-15)	24C1260-46	Soil	03/19/2024 3:00 PM	03/20/2024 2:30 PM
B-38 (10-12)	24C1260-47	Soil	03/19/2024 3:00 PM	03/20/2024 2:30 PM
B-39 (9-10)	24C1260-48	Soil	03/19/2024 3:00 PM	03/20/2024 2:30 PM
B-21 (9-10)	24C1260-49	Soil	03/19/2024 10:40 AM	03/20/2024 2:30 PM
B-29 (9-10)	24C1260-50	Soil	03/19/2024 8:35 AM	03/20/2024 2:30 PM
B-37 (13-15)	24C1260-51	Soil	03/19/2024 1:10 PM	03/20/2024 2:30 PM
B-38 (10-12)	24C1260-52	Soil	03/19/2024 1:30 PM	03/20/2024 2:30 PM

WorkOrder Comments

2.0 Methodology

Analysis Class	Preparation Method	Analysis Methodology
		SW8082A
		SW846-%Solid
VOA	EPA 5035A	EPA 8260C
SVOA	EPA 3550C	EPA 8015D
SVOA	% Solids Prep	EPA 8270D
SVOA	EPA 3545A	EPA 8270D
ARO	EPA SW846-3540C	EPA 8082A
GC	EPA 3545A	CT DEP ETPH
METALS	EPA 3050B	EPA 6010D
METALS	EPA 3015A/1312	EPA 6020B/1312
WET	EPA SW 846-1312 SPLP for Extr	EPA 1312
WET	% Solids Prep	SM 2540G

Analyte List

Method	Analyte
CT DEP ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)
EPA 1312	SPLP Extraction
EPA 6010D	Arsenic ; Lead
EPA 6020B/1312	Lead
EPA 8015D	Petroleum Identification
EPA 8082A	Aroclor 1016 ; Aroclor 1221 ; Aroclor 1232 ; Aroclor 1242 ; Aroclor 1248 ; Aroclor 1254 ; Aroclor 1260 ; Aroclor 1262 ; Aroclor 1268 ; Total PCBs
EPA 8260C	1,1,1,2-Tetrachloroethane ; 1,1,1-Trichloroethane ; 1,1,2,2-Tetrachloroethane ; 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) ; 1,1,2-Trichloroethane ; 1,1-Dichloroethane ; 1,1-Dichloroethylene ; 1,1-Dichloropropylene ; 1,2,3-Trichlorobenzene ; 1,2,3-Trichloropropane ; 1,2,4-Trichlorobenzene ; 1,2,4-Trimethylbenzene ; 1,2-Dibromo-3-chloropropane ; 1,2-Dibromoethane ; 1,2-Dichlorobenzene ; 1,2-Dichloroethane ; 1,2-Dichloropropane ; 1,3,5-Trimethylbenzene ; 1,3-Dichlorobenzene ; 1,3-Dichloropropane ; 1,4-Dichlorobenzene ; 2,2-Dichloropropane ; 2-Butanone ; 2-Chlorotoluene ; 2-Hexanone ; 4-Chlorotoluene ; 4-Methyl-2-pentanone ; Acetone ; Acrylonitrile ; Benzene ; Bromobenzene ; Bromochloromethane ; Bromodichloromethane ; Bromoform ; Bromomethane ; Carbon disulfide ; Carbon tetrachloride ; Chlorobenzene ; Chloroethane ; Chloroform ; Chloromethane ; cis-1,2-Dichloroethylene ; cis-1,3-Dichloropropylene ; Dibromochloromethane ; Dibromomethane ; Dichlorodifluoromethane ; Ethyl Benzene ; Hexachlorobutadiene ; Isopropylbenzene ; Methyl Methacrylate ; Methyl tert-butyl ether (MTBE) ; Methylene chloride ; Naphthalene ; n-Butylbenzene ; n-Propylbenzene ; o-Xylene ; p- & m-Xylenes ; p-Isopropyltoluene ; sec-Butylbenzene ; Styrene ; tert-Butylbenzene ; Tetrachloroethylene ; Tetrahydrofuran ; Toluene ; trans-1,2-Dichloroethylene ; trans-1,3-Dichloropropylene ; trans-1,4-dichloro-2-butene ; Trichloroethylene ; Trichlorofluoromethane ; Vinyl Chloride
EPA 8270D	1,2,4,5-Tetrachlorobenzene ; 1,2,4-Trichlorobenzene ; 1-Methylnaphthalene ; 2,4,5-Trichlorophenol ; 2,4,6-Trichlorophenol ; 2,4-Dichlorophenol ; 2,4-Dimethylphenol ; 2,4-Dinitrophenol ; 2,4-Dinitrotoluene ; 2,6-Dinitrotoluene ; 2-Chloronaphthalene ; 2-Chlorophenol ; 2-Methylnaphthalene ; 2-Methylphenol ; 2-Nitroaniline ; 2-Nitrophenol ; 3- & 4-Methylphenols ; 3,3-Dichlorobenzidine ; 3-Nitroaniline ; 4,6-Dinitro-2-methylphenol ; 4-Bromophenyl phenyl ether ; 4-Chloro-3-methylphenol ; 4-Chloroaniline ; 4-Chlorophenyl phenyl ether ; 4-Nitroaniline ; 4-Nitrophenol ; Acenaphthene ; Acenaphthylene ; Aniline ; Anthracene ; Benzo(a)anthracene ; Benzo(a)pyrene ; Benzo(b)fluoranthene ; Benzo(g,h,i)perylene ; Benzo(k)fluoranthene ; Benzyl butyl phthalate ; Bis(2-chloroethoxy)methane ; Bis(2-chloroethyl)ether ; Bis(2-chloroisopropyl)ether ; Bis(2-ethylhexyl)phthalate ; Carbazole ; Chrysene ; Dibenzo(a,h)anthracene ; Dibenzofuran ; Diethyl phthalate ; Dimethyl phthalate ; Di-n-butyl phthalate ; Di-n-octyl phthalate ; Fluoranthene ; Fluorene ; Hexachlorobenzene ; Hexachlorobutadiene ; Hexachlorocyclopentadiene ; Hexachloroethane ; Indeno(1,2,3-cd)pyrene ; Isophorone ; Naphthalene ; Nitrobenzene ; N-nitroso-di-n-propylamine ; N-Nitrosodiphenylamine ; Pentachloronitrobenzene ; Pentachlorophenol ; Phenanthrene ; Phenol ; Pyrene ; Pyridine
SM 2540G	% Solids
SW8082A	PCB-1016 ; PCB-1221 ; PCB-1232 ; PCB-1242 ; PCB-1248 ; PCB-1254 ; PCB-1260 ; PCB-1262 ; PCB-1268 ; Total PCBs

SW846-%Solid	Percent Solid

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

CT DEEP Reasonable Confidence Protocol

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
GC	24C1260-01	B-1 (1-3)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-02	B-2 (1-3)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-03	B-3 (0-2)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-04	B-4 (0-4)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-05	B-5 (0-3)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-06	B-6 (0-3)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-07	B-7 (0-2)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-08	B-7 (8-10)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-09	B-7 (8-10) D	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-10	B-8 (0-3)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-11	B-9 (1-3)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-12	B-10 (0-3)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-13	B-11 (1-4)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-14	B-12 (1-4)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-15	B-13 (1-4)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-16	B-14 (1-4)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-17	B-15 (4-6)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-18	B-16 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-19	B-17 (0-4)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-20	B-18 (0-4)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-21	B-19 (0-4)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-22	B-20 (0-4)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-23	B-21 (0-4)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-24	B-21 (9-10)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-25	B-22 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-26	B-22 (5-9)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-27	B-23 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-28	B-24 (4-6)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir

CT DEEP Reasonable Confidence Protocol

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
GC	24C1260-29	B-25 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-30	B-26 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-31	B-26 (8-10)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-32	B-27 (0-4)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-33	B-28 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-34	B-29 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-35	B-29 (9-10)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-36	B-30 (0-2)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-37	B-30 (9-10)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-38	B-31 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-39	B-31 (9-10)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-40	B-32 (0-2)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-41	B-33 (0-2)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-42	B-34 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-43	B-35 (1-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-44	B-36 (2-5)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-45	B-37 (9-10)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-46	B-37 (13-15)	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	24C1260-47	B-38 (10-12)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	24C1260-48	B-39 (9-10)	ETPH (Extractable Total Petroleum Hydrocarbons)				Low	Low	
GC	BC41499-BLK1	Blank	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	BC41499-BS1	LCS	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	BC41545-BLK1	Blank	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	BC41545-BS1	LCS	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	BC41545-MS1	Matrix Spike	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	BC41545-MSD1	Matrix Spike Dup	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	BC41631-BLK1	Blank	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	BC41631-BS1	LCS	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	S4C2244-CCV1	Calibration Check	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir

CT DEEP Reasonable Confidence Protocol

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
GC	S4C2244-CCV2	Calibration Check	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	S4C2244-CCV3	Calibration Check	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	S4C2244-CCV4	Calibration Check	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	S4C2244-CCV5	Calibration Check	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	S4C2244-CCV6	Calibration Check	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	S4C2244-CCV7	Calibration Check	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	S4C2244-CCV8	Calibration Check	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir
GC	S4C2244-CCV9	Calibration Check	ETPH (Extractable Total Petroleum Hydrocarbons)						Non-Dir

CT DEEP Reasonable Confidence Protocol

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
METALS	24C1260-04	B-4 (0-4)	Lead		high	high			
METALS	24C1260-11	B-9 (1-3)	Lead		high	high			

CT DEEP Reasonable Confidence Protocol

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
SVOA	24C1260-01	B-1 (1-3)	Fluoranthene		high				
SVOA	24C1260-02	B-2 (1-3)	Fluoranthene		high				
SVOA	24C1260-03	B-3 (0-2)	Fluoranthene		high				
SVOA	24C1260-06	B-6 (0-3)	Fluoranthene		high				
SVOA	24C1260-19	B-17 (0-4)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-19	B-17 (0-4)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-20	B-18 (0-4)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-20	B-18 (0-4)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-21	B-19 (0-4)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-21	B-19 (0-4)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-22	B-20 (0-4)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-22	B-20 (0-4)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-23	B-21 (0-4)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-23	B-21 (0-4)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-24	B-21 (9-10)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-24	B-21 (9-10)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-25	B-22 (1-5)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-25	B-22 (1-5)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-26	B-22 (5-9)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-26	B-22 (5-9)	Indeno(1,2,3-cd)pyrene	high					

CT DEEP Reasonable Confidence Protocol

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
SVOA	24C1260-27	B-23 (1-5)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-27	B-23 (1-5)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-28	B-24 (4-6)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-28	B-24 (4-6)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-29	B-25 (1-5)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-29	B-25 (1-5)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-30	B-26 (1-5)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-30	B-26 (1-5)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-31	B-26 (8-10)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-31	B-26 (8-10)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-32	B-27 (0-4)	Dibenzo(a,h)anthracene	high					
SVOA	24C1260-32	B-27 (0-4)	Indeno(1,2,3-cd)pyrene	high					
SVOA	24C1260-33	B-28 (1-5)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-33	B-28 (1-5)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-34	B-29 (1-5)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-34	B-29 (1-5)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-35	B-29 (9-10)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-35	B-29 (9-10)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-36	B-30 (0-2)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-36	B-30 (0-2)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-37	B-30 (9-10)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-37	B-30 (9-10)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-38	B-31 (1-5)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-38	B-31 (1-5)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-39	B-31 (9-10)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-39	B-31 (9-10)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-40	B-32 (0-2)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-40	B-32 (0-2)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-41	B-33 (0-2)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-41	B-33 (0-2)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-42	B-34 (1-5)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-42	B-34 (1-5)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-46	B-37 (13-15)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-46	B-37 (13-15)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-47	B-38 (10-12)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-47	B-38 (10-12)	Indeno(1,2,3-cd)pyrene				high	high	
SVOA	24C1260-48	B-39 (9-10)	Dibenzo(a,h)anthracene				Low	Low	
SVOA	24C1260-48	B-39 (9-10)	Indeno(1,2,3-cd)pyrene				high	high	

York Analytical Work Order Narrative

CT DEEP Reasonable Confidence Protocol

Sample Analyte Bias Based on QC Performance

	LabNumber	SampleID	Analyte	ICVSCV	CCV	BS/LCS	MS	MSD	MSDRPD
VOA	24C1260-24	B-21 (9-10)	Acetone	Low					
VOA	24C1260-24	B-21 (9-10)	Tetrachloroethylene	Low		Low			
VOA	24C1260-31	B-26 (8-10)	Acetone	Low					
VOA	24C1260-31	B-26 (8-10)	Tetrachloroethylene	Low		Low			
VOA	24C1260-35	B-29 (9-10)	Acetone	Low					
VOA	24C1260-35	B-29 (9-10)	Tetrachloroethylene	Low		Low			
VOA	24C1260-37	B-30 (9-10)	Acetone	Low					
VOA	24C1260-37	B-30 (9-10)	Tetrachloroethylene	Low		Low			
VOA	24C1260-46	B-37 (13-15)	Acetone	Low					
VOA	24C1260-46	B-37 (13-15)	Tetrachloroethylene	Low		Low			

York Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	CT DEP ETPH	BC41545-MS1	Soil	ETPH (Extractable Total Petroleum Hydrocarbons)	QM-05
	CT DEP ETPH	BC41545-MSD1	Soil	ETPH (Extractable Total Petroleum Hydrocarbons)	QM-05
	CT DEP ETPH	BC41631-MS1	Soil	ETPH (Extractable Total Petroleum Hydrocarbons)	QM-05
	CT DEP ETPH	BC41631-MSD1	Soil	ETPH (Extractable Total Petroleum Hydrocarbons)	QM-05
B-4 (0-4)	EPA 1312	24C1260-04	Soil		EXT-Temp
B-4 (0-4)	EPA 1312	24C1260-04	Soil	SPLP Extraction	EXT-COMP
B-9 (1-3)	EPA 1312	24C1260-11	Soil		EXT-Temp
B-9 (1-3)	EPA 1312	24C1260-11	Soil	SPLP Extraction	EXT-COMP
	EPA 1312	BD40945-BLK1	Soil	SPLP Extraction	EXT-COMP
B-20 (0-4)	EPA 6010D	24C1260-22	Soil	Lead	B
B-21 (0-4)	EPA 6010D	24C1260-23	Soil	Lead	B
B-21 (9-10)	EPA 6010D	24C1260-24	Soil	Lead	B
B-22 (1-5)	EPA 6010D	24C1260-25	Soil	Lead	B
B-22 (5-9)	EPA 6010D	24C1260-26	Soil	Lead	B
B-23 (1-5)	EPA 6010D	24C1260-27	Soil	Lead	B
B-24 (4-6)	EPA 6010D	24C1260-28	Soil	Lead	B
B-25 (1-5)	EPA 6010D	24C1260-29	Soil	Lead	B
B-26 (1-5)	EPA 6010D	24C1260-30	Soil	Lead	B
B-26 (8-10)	EPA 6010D	24C1260-31	Soil	Lead	B
B-27 (0-4)	EPA 6010D	24C1260-32	Soil	Lead	B
B-28 (1-5)	EPA 6010D	24C1260-33	Soil	Lead	B
B-29 (1-5)	EPA 6010D	24C1260-34	Soil	Lead	B
B-29 (9-10)	EPA 6010D	24C1260-35	Soil	Lead	B
B-30 (0-2)	EPA 6010D	24C1260-36	Soil	Lead	B
B-30 (9-10)	EPA 6010D	24C1260-37	Soil	Lead	B
B-31 (1-5)	EPA 6010D	24C1260-38	Soil	Lead	B
B-31 (9-10)	EPA 6010D	24C1260-39	Soil	Lead	B
	EPA 6010D	BC41860-SRM1	Soil	Lead	B
B-21 (9-10)	EPA 8015D	24C1260-49	Soil	Petroleum Identification	GC-15
B-29 (9-10)	EPA 8015D	24C1260-50	Soil	Petroleum Identification	GC-15
B-37 (13-15)	EPA 8015D	24C1260-51	Soil	Petroleum Identification	GC-15
B-38 (10-12)	EPA 8015D	24C1260-52	Soil	Petroleum Identification	GC-15
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,1,2,2-Tetrachloroethane	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,2,3-Trichlorobenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,2,3-Trichloropropane	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,2,4-Trichlorobenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,2,4-Trimethylbenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,2-Dibromo-3-chloropropane	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,2-Dichlorobenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,3,5-Trimethylbenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,3-Dichlorobenzene	IS-HI

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	1,4-Dichlorobenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	2-Chlorotoluene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	4-Chlorotoluene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	Acetone	ICVE
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	Bromobenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	Hexachlorobutadiene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	Isopropylbenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	Naphthalene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	n-Butylbenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	n-Propylbenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	p-Isopropyltoluene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	sec-Butylbenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	SURR: p-Bromofluorobenzene	S-04
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	SURR: p-Bromofluorobenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	SURR: p-Bromofluorobenzene	S-08
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	tert-Butylbenzene	IS-HI
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	Tetrachloroethylene	ICVE
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	Tetrachloroethylene	QL-02
B-21 (9-10)	EPA 8260C	24C1260-24	Soil	trans-1,4-dichloro-2-butene	IS-HI
B-26 (8-10)	EPA 8260C	24C1260-31	Soil	Acetone	ICVE
B-26 (8-10)	EPA 8260C	24C1260-31	Soil	Tetrachloroethylene	ICVE
B-26 (8-10)	EPA 8260C	24C1260-31	Soil	Tetrachloroethylene	QL-02
B-29 (9-10)	EPA 8260C	24C1260-35	Soil	Acetone	ICVE
B-29 (9-10)	EPA 8260C	24C1260-35	Soil	SURR: p-Bromofluorobenzene	S-08
B-29 (9-10)	EPA 8260C	24C1260-35	Soil	SURR: p-Bromofluorobenzene	S-04
B-29 (9-10)	EPA 8260C	24C1260-35	Soil	Tetrachloroethylene	ICVE
B-29 (9-10)	EPA 8260C	24C1260-35	Soil	Tetrachloroethylene	QL-02
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,1,2,2-Tetrachloroethane	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,2,3-Trichlorobenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,2,3-Trichloropropane	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,2,4-Trichlorobenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,2,4-Trimethylbenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,2-Dibromo-3-chloropropane	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,2-Dichlorobenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,3,5-Trimethylbenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,3-Dichlorobenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	1,4-Dichlorobenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	2-Chlorotoluene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	4-Chlorotoluene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	Acetone	ICVE
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	Bromobenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	Hexachlorobutadiene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	Isopropylbenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	Naphthalene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	n-Butylbenzene	IS-HI

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	n-Propylbenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	p-Isopropyltoluene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	sec-Butylbenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	SURR: p-Bromofluorobenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	SURR: p-Bromofluorobenzene	S-04
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	SURR: p-Bromofluorobenzene	S-08
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	tert-Butylbenzene	IS-HI
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	Tetrachloroethylene	ICVE
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	Tetrachloroethylene	QL-02
B-30 (9-10)	EPA 8260C	24C1260-37	Soil	trans-1,4-dichloro-2-butene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,1,2,2-Tetrachloroethane	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,2,3-Trichlorobenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,2,3-Trichloropropane	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,2,4-Trichlorobenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,2,4-Trimethylbenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,2-Dibromo-3-chloropropane	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,2-Dichlorobenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,3,5-Trimethylbenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,3-Dichlorobenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	1,4-Dichlorobenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	2-Chlorotoluene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	4-Chlorotoluene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	Acetone	ICVE
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	Bromobenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	Hexachlorobutadiene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	Isopropylbenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	Naphthalene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	n-Butylbenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	n-Propylbenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	p-Isopropyltoluene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	sec-Butylbenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	SURR: p-Bromofluorobenzene	S-04
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	SURR: p-Bromofluorobenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	SURR: p-Bromofluorobenzene	S-08
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	tert-Butylbenzene	IS-HI
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	Tetrachloroethylene	ICVE
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	Tetrachloroethylene	QL-02
B-37 (13-15)	EPA 8260C	24C1260-46	Soil	trans-1,4-dichloro-2-butene	IS-HI
	EPA 8260C	S4C1923-SCV1	Soil	Acetone	ICVE
	EPA 8260C	S4C1923-SCV1	Soil	Tetrachloroethylene	ICVE20
	EPA 8260C	S4C1923-SCV1	Soil	Tetrachloroethylene	ICVE
B-1 (1-3)	EPA 8270D	24C1260-01	Soil	SURR: Nitrobenzene-d5	Cal-E
B-2 (1-3)	EPA 8270D	24C1260-02	Soil	Fluoranthene	CCVE
B-3 (0-2)	EPA 8270D	24C1260-03	Soil	Fluoranthene	CCVE
	EPA 8270D	24C1260-04RE1	Soil	Benzo(a)anthracene	ICVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 8270D	24C1260-04RE1	Soil	Benzo(a)pyrene	ICVE
	EPA 8270D	24C1260-04RE1	Soil	Benzo(a)pyrene	CCVE
	EPA 8270D	24C1260-04RE1	Soil	Chrysene	ICVE
	EPA 8270D	24C1260-04RE1	Soil	Fluoranthene	ICVE
	EPA 8270D	24C1260-04RE1	Soil	Phenanthrene	ICVE
	EPA 8270D	24C1260-04RE1	Soil	Pyrene	ICVE
	EPA 8270D	24C1260-05RE1	Soil	Fluoranthene	ICVE
	EPA 8270D	24C1260-05RE1	Soil	Pyrene	ICVE
	EPA 8270D	24C1260-14RE1	Soil	Fluoranthene	ICVE
B-19 (0-4)	EPA 8270D	24C1260-21	Soil	Indeno(1,2,3-cd)pyrene	ICVE
B-20 (0-4)	EPA 8270D	24C1260-22	Soil	Indeno(1,2,3-cd)pyrene	ICVE
	EPA 8270D	24C1260-24RE1	Soil	2-Methylnaphthalene	ICVE
B-25 (1-5)	EPA 8270D	24C1260-29	Soil	Indeno(1,2,3-cd)pyrene	ICVE
B-26 (1-5)	EPA 8270D	24C1260-30	Soil	Indeno(1,2,3-cd)pyrene	ICVE
B-31 (9-10)	EPA 8270D	24C1260-39	Soil	SURR: Nitrobenzene-d5	S-08
B-37 (13-15)	EPA 8270D	24C1260-46	Soil	SURR: Nitrobenzene-d5	S-08

Qualifier Definitions :

B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
GC-15	No. 2 Fuel oil/Diesel
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-08	The recovery of this surrogate was outside of QC limits.

4.0 Analysis Issues

EPA 8260C

VOA, 8260 RCP MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SC40034

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SC40034	S4C1923	S4C1923	Secondary Cal Check	S4C1923-SCV1	MS VOA 2	V2627563.D
SC40034	S4C2521	S4C2521	Calibration Check	S4C2521-CCV1	MS VOA 2	V2627706.D
SC40034	BC41759	S4C2521	LCS	BC41759-BS1	MS VOA 2	V2627707.D
SC40034	BC41759	S4C2521	LCS Dup	BC41759-BSD1	MS VOA 2	V2627708.D
SC40034	BC41759	S4C2521	Blank	BC41759-BLK1	MS VOA 2	V2627709.D
SC40034	BC41759	S4C2521	B-21 (9-10)	24C1260-24	MS VOA 2	V2627722.D
SC40034	BC41759	S4C2521	B-26 (8-10)	24C1260-31	MS VOA 2	V2627723.D
SC40034	BC41759	S4C2521	B-29 (9-10)	24C1260-35	MS VOA 2	V2627724.D
SC40034	BC41759	S4C2521	B-30 (9-10)	24C1260-37	MS VOA 2	V2627725.D
SC40034	BC41759	S4C2521	B-37 (13-15)	24C1260-46	MS VOA 2	V2627726.D

Initial calibration for EPA 8260C met method guidelines.

EPA 8260C

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260C

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SC40034	S4C1923-SCV1	Acetone	50.0	38.0	**76.0**	80 - 120
SC40034	S4C1923-SCV1	Tetrachloroethylene	50.0	32.8	**65.6**	80 - 120

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S4C2521-CCV1	Calibration Check	V2627706.D
BC41759-BS1	LCS	V2627707.D
BC41759-BSD1	LCS Dup	V2627708.D
BC41759-BLK1	Blank	V2627709.D
24C1260-24	B-21 (9-10)	V2627722.D
24C1260-31	B-26 (8-10)	V2627723.D
24C1260-35	B-29 (9-10)	V2627724.D
24C1260-37	B-30 (9-10)	V2627725.D
24C1260-46	B-37 (13-15)	V2627726.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SC40034	S4C2521	S4C2521-CCV1	V2627706.D	03/25/24 10:30

The continuing calibration verification recovered within method limits.

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EPA 8260C

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BC41759	S4C2521	MS VOA 2	BC41759-BLK1	V2627709.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SC40034	4C2521	BC41759-BS1	LCS	V2627707.D
SC40034	4C2521	BC41759-BSD1	LCS Dup	V2627708.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S4C2521	LCS	BC41759-BS1	Tetrachloroethylene		**61.6**		70 - 130	
S4C2521	LCS Dup	BC41759-BSD1	Tetrachloroethylene	61.6	**61.6**	0.0325	70 - 130	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BC41759	24C1260-24	B-21 (9-10)	
BC41759	24C1260-31	B-26 (8-10)	
BC41759	24C1260-35	B-29 (9-10)	
BC41759	24C1260-37	B-30 (9-10)	
BC41759	24C1260-46	B-37 (13-15)	
BC41759	BC41759-BLK1	Blank	

EPA 8260C

Dilutions: No sample dilutions were required.

EPA 8260C

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SC40034	B-21 (9-10)	24C1260-24	SURR: p-Bromofluorobenzene	**296**	70 - 130
SC40034	B-29 (9-10)	24C1260-35	SURR: p-Bromofluorobenzene	**3080**	70 - 130
SC40034	B-30 (9-10)	24C1260-37	SURR: p-Bromofluorobenzene	**319**	70 - 130
SC40034	B-37 (13-15)	24C1260-46	SURR: p-Bromofluorobenzene	**839**	70 - 130

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 ASE RCP MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA40031

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA40031	S4A1833	S4A1833	Secondary Cal Check	S4A1833-SCV1	BNA#2	E20018501.D
SA40031	S4C2618	S4C2618	Calibration Check	S4C2618-CCV1	BNA#2	E20019400.D
SA40031	BC41549	S4C2618	Blank	BC41549-BLK1	BNA#2	E20019403.D
SA40031	BC41549	S4C2618	LCS	BC41549-BS1	BNA#2	E20019404.D
SA40031	BC41549	S4C2618	B-18 (0-4)MS1	BC41549-MS1	BNA#2	E20019405.D
SA40031	BC41549	S4C2618	B-18 (0-4)MSD1	BC41549-MSD1	BNA#2	E20019406.D
SA40031	BC41549	S4C2618	B-25 (1-5)	24C1260-29	BNA#2	E20019407.D
SA40031	BC41549	S4C2618	B-26 (1-5)	24C1260-30	BNA#2	E20019408.D
SA40031	BC41549	S4C2618	B-26 (8-10)	24C1260-31	BNA#2	E20019409.D
SA40031	BC41549	S4C2618	B-27 (0-4)	24C1260-32	BNA#2	E20019410.D
SA40031	BC41549	S4C2618	B-17 (0-4)	24C1260-19	BNA#2	E20019411.D
SA40031	BC41549	S4C2618	B-18 (0-4)	24C1260-20	BNA#2	E20019412.D
SA40031	BC41549	S4C2618	B-19 (0-4)	24C1260-21	BNA#2	E20019413.D
SA40031	BC41549	S4C2618	B-20 (0-4)	24C1260-22	BNA#2	E20019414.D
SA40031	BC41549	S4C2618	B-21 (0-4)	24C1260-23	BNA#2	E20019415.D
SA40031	BC41549	S4C2618	B-21 (9-10)	24C1260-24	BNA#2	E20019416.D
SA40031	BC41549	S4C2618	B-22 (1-5)	24C1260-25	BNA#2	E20019417.D
SA40031	BC41549	S4C2618	B-22 (5-9)	24C1260-26	BNA#2	E20019418.D
SA40031	BC41549	S4C2618	B-23 (1-5)	24C1260-27	BNA#2	E20019419.D
SA40031	BC41549	S4C2618	B-24 (4-6)	24C1260-28	BNA#2	E20019420.D

Initial calibration for EPA 8270D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA40031	BNA#2	1/17/2024 12:42:37 AM	E20018492.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**46.41**	15						Avg
2,4-Dinitrotoluene	**19.60**	15						Avg
2,6-Dinitrotoluene	**37.01**	15						Avg
2-Methylphenol	**15.57**	15						Avg
4,6-Dinitro-2-methylphenol	**42.03**	15						Avg
Pyridine	**44.48**	15						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4A1833-SCV1		E20018501.D
Calibration Check	S4C2618-CCV1		E20019400.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA40031	S4A1833-SCV1	2,4-Dichlorophenol	30.0	36.2	**121**	80 - 120
SA40031	S4A1833-SCV1	2,4-Dinitrophenol	30.0	49.8	**166**	80 - 120
SA40031	S4A1833-SCV1	2,4-Dinitrotoluene	30.0	40.9	**136**	80 - 120
SA40031	S4A1833-SCV1	2-Nitroaniline	30.0	38.3	**128**	80 - 120
SA40031	S4A1833-SCV1	2-Nitrophenol	30.0	37.4	**125**	80 - 120
SA40031	S4A1833-SCV1	3-Nitroaniline	30.0	37.9	**126**	80 - 120
SA40031	S4A1833-SCV1	4,6-Dinitro-2-methylphenol	30.0	49.7	**166**	80 - 120
SA40031	S4A1833-SCV1	4-Nitrophenol	30.0	38.9	**130**	80 - 120
SA40031	S4A1833-SCV1	Benzyl butyl phthalate	30.0	36.5	**122**	80 - 120
SA40031	S4A1833-SCV1	Bis(2-ethylhexyl)phthalate	30.0	36.3	**121**	80 - 120
SA40031	S4A1833-SCV1	Dibenzo(a,h)anthracene	30.0	36.2	**121**	80 - 120
SA40031	S4A1833-SCV1	Hexachlorocyclopentadiene	30.0	22.6	**75.2**	80 - 120
SA40031	S4A1833-SCV1	Indeno(1,2,3-cd)pyrene	30.0	37.8	**126**	80 - 120
SA40031	S4A1833-SCV1	N-Nitrosodiphenylamine	30.0	39.7	**132**	80 - 120
SA40031	S4A1833-SCV1	Pentachlorophenol	30.0	41.0	**137**	80 - 120
SA40031	S4A1833-SCV1	Pyridine	30.0	38.4	**128**	80 - 120

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S4C2618-CCV1	Calibration Check	E20019400.D
BC41549-BS1	LCS	E20019404.D
BC41549-MS1	Matrix Spike	E20019405.D
BC41549-MSD1	Matrix Spike Dup	E20019406.D
24C1260-29	B-25 (1-5)	E20019407.D
24C1260-30	B-26 (1-5)	E20019408.D
24C1260-21	B-19 (0-4)	E20019413.D
24C1260-22	B-20 (0-4)	E20019414.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA40031	S4C2618	S4C2618-CCV1	E20019400.D	03/22/24 11:12

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SA40031	S4C2618-CCV1	2,4-Dinitrophenol	ug/mL	58.0	30.0	**193**	70 130	E20019400.D
SA40031	S4C2618-CCV1	2,4-Dinitrotoluene	ug/mL	39.3	30.0	**131**	70 130	E20019400.D
SA40031	S4C2618-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	52.8	30.0	**176**	70 130	E20019400.D
SA40031	S4C2618-CCV1	Hexachlorocyclopentadiene	ug/mL	20.4	30.0	**68.2**	70 130	E20019400.D
SA40031	S4C2618-CCV1	Pyridine	ug/mL	41.8	30.0	**139**	70 130	E20019400.D

The following QC and or client samples were affected:

York Analytical Work Order Narrative

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BC41549	S4C2618	BNA#2	BC41549-BLK1	E20019403.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA40031	4C2618	BC41549-BS1	LCS	E20019404.D

York Analytical Work Order Narrative

EPA 8270D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SA40031**	BC41549	S4C2618	B-18 (0-4)MS1	24C1260-20	B-18 (0-4)	BC41549-MS1
SVOA	**SA40031**	BC41549	S4C2618	B-18 (0-4)MSD1	24C1260-20	B-18 (0-4)	BC41549-MSD1

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270D	BC41603	B-1 (1-3)	24C1260-01	2
EPA 8270D	BC41603	B-2 (1-3)	24C1260-02	2
EPA 8270D	BC41603	B-3 (0-2)	24C1260-03	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04RE1	10
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05	2
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05RE1	5
EPA 8270D	BC41603	B-6 (0-3)	24C1260-06	2
EPA 8270D	BC41603	B-7 (0-2)	24C1260-07	2
EPA 8270D	BC41603	B-7 (8-10)	24C1260-08	2
EPA 8270D	BC41603	B-7 (8-10) D	24C1260-09	2
EPA 8270D	BC41603	B-8 (0-3)	24C1260-10	2
EPA 8270D	BC41603	B-9 (1-3)	24C1260-11	2
EPA 8270D	BC41603	B-10 (0-3)	24C1260-12	2
EPA 8270D	BC41603	B-11 (1-4)	24C1260-13	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14RE1	5
EPA 8270D	BC41603	B-13 (1-4)	24C1260-15	2
EPA 8270D	BC41603	B-14 (1-4)	24C1260-16	2
EPA 8270D	BC41603	B-15 (4-6)	24C1260-17	2
EPA 8270D	BC41603	B-16 (1-5)	24C1260-18	2
EPA 8270D	BC41549	B-17 (0-4)	24C1260-19	2
EPA 8270D	BC41549	B-18 (0-4)	24C1260-20	2
EPA 8270D	BC41549	B-19 (0-4)	24C1260-21	2
EPA 8270D	BC41549	B-20 (0-4)	24C1260-22	2
EPA 8270D	BC41549	B-21 (0-4)	24C1260-23	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24RE1	5
EPA 8270D	BC41549	B-22 (1-5)	24C1260-25	2
EPA 8270D	BC41549	B-22 (5-9)	24C1260-26	2
EPA 8270D	BC41549	B-23 (1-5)	24C1260-27	2
EPA 8270D	BC41549	B-24 (4-6)	24C1260-28	2
EPA 8270D	BC41549	B-25 (1-5)	24C1260-29	2
EPA 8270D	BC41549	B-26 (1-5)	24C1260-30	2
EPA 8270D	BC41549	B-26 (8-10)	24C1260-31	2
EPA 8270D	BC41549	B-27 (0-4)	24C1260-32	2
EPA 8270D	BC41501	B-28 (1-5)	24C1260-33	2
EPA 8270D	BC41501	B-29 (1-5)	24C1260-34	2
EPA 8270D	BC41501	B-29 (9-10)	24C1260-35	2

EPA 8270D	BC41501	B-30 (0-2)	24C1260-36	2
EPA 8270D	BC41501	B-30 (9-10)	24C1260-37	2
EPA 8270D	BC41501	B-31 (1-5)	24C1260-38	2
EPA 8270D	BC41501	B-31 (9-10)	24C1260-39	2
EPA 8270D	BC41501	B-32 (0-2)	24C1260-40	2
EPA 8270D	BC41501	B-33 (0-2)	24C1260-41	2
EPA 8270D	BC41501	B-34 (1-5)	24C1260-42	2
EPA 8270D	BC41917	B-35 (1-5)	24C1260-43	2
EPA 8270D	BC41917	B-36 (2-5)	24C1260-44	2
EPA 8270D	BC41917	B-37 (9-10)	24C1260-45	2
EPA 8270D	BC41501	B-37 (13-15)	24C1260-46	2
EPA 8270D	BC41501	B-38 (10-12)	24C1260-47	2
EPA 8270D	BC41501	B-39 (9-10)	24C1260-48	2

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

Analytical Comments

A procedural 2x dilution is performed on all Semi-Volatile soil samples, in accordance with laboratory SOP.

A procedural 2x dilution is performed on all Semi-Volatile soil samples, in accordance with laboratory SOP.

A procedural 2x dilution is performed on all Semi-Volatile soil samples, in accordance with laboratory SOP.

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 ASE RCP MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SB40027

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SB40027	S4B2136	S4B2136	Secondary Cal Check	S4B2136-SCV1	MSBNA9	E90030751.D
SB40027	S4B2136	S4B2136	Secondary Cal Check	S4B2136-SCV2	MSBNA9	E90030752.D
SB40027	S4C2547	S4C2547	Calibration Check	S4C2547-CCV1	MSBNA9	E90031405.D
SB40027	BC41603	S4C2547	B-7 (0-2)	24C1260-07	MSBNA9	E90031406.D
SB40027	BC41603	S4C2547	B-7 (8-10)	24C1260-08	MSBNA9	E90031407.D
SB40027	BC41603	S4C2547	B-7 (8-10) D	24C1260-09	MSBNA9	E90031408.D
SB40027	BC41603	S4C2547	B-8 (0-3)	24C1260-10	MSBNA9	E90031409.D
SB40027	BC41603	S4C2547	B-9 (1-3)	24C1260-11	MSBNA9	E90031410.D
SB40027	BC41603	S4C2547	B-10 (0-3)	24C1260-12	MSBNA9	E90031411.D
SB40027	BC41603	S4C2547	B-11 (1-4)	24C1260-13	MSBNA9	E90031412.D
SB40027	BC41603	S4C2547	B-12 (1-4)	24C1260-14	MSBNA9	E90031420.D
SB40027	BC41603	S4C2547	B-13 (1-4)	24C1260-15	MSBNA9	E90031421.D
SB40027	BC41603	S4C2547	B-14 (1-4)	24C1260-16	MSBNA9	E90031422.D
SB40027	BC41603	S4C2547	B-15 (4-6)	24C1260-17	MSBNA9	E90031423.D
SB40027	BC41603	S4C2547	B-16 (1-5)	24C1260-18	MSBNA9	E90031424.D
SB40027	S4C2636	S4C2636	Calibration Check	S4C2636-CCV1	MSBNA9	E90031383.D
SB40027	BC41501	S4C2636	Blank	BC41501-BLK1	MSBNA9	E90031384.D
SB40027	BC41501	S4C2636	LCS	BC41501-BS1	MSBNA9	E90031385.D
SB40027	BC41501	S4C2636	B-36 (2-5)MS1	BC41501-MS1	MSBNA9	E90031386.D
SB40027	BC41501	S4C2636	B-36 (2-5)MSD1	BC41501-MSD1	MSBNA9	E90031387.D
SB40027	BC41501	S4C2636	B-33 (0-2)	24C1260-41	MSBNA9	E90031388.D
SB40027	BC41501	S4C2636	B-34 (1-5)	24C1260-42	MSBNA9	E90031389.D
SB40027	BC41501	S4C2636	B-37 (13-15)	24C1260-46	MSBNA9	E90031393.D
SB40027	BC41501	S4C2636	B-38 (10-12)	24C1260-47	MSBNA9	E90031394.D
SB40027	BC41501	S4C2636	B-39 (9-10)	24C1260-48	MSBNA9	E90031395.D
SB40027	BC41501	S4C2636	B-28 (1-5)	24C1260-33	MSBNA9	E90031396.D
SB40027	BC41501	S4C2636	B-29 (1-5)	24C1260-34	MSBNA9	E90031397.D
SB40027	BC41501	S4C2636	B-29 (9-10)	24C1260-35	MSBNA9	E90031398.D
SB40027	BC41501	S4C2636	B-30 (0-2)	24C1260-36	MSBNA9	E90031399.D
SB40027	BC41501	S4C2636	B-30 (9-10)	24C1260-37	MSBNA9	E90031400.D
SB40027	BC41501	S4C2636	B-31 (1-5)	24C1260-38	MSBNA9	E90031401.D
SB40027	BC41501	S4C2636	B-31 (9-10)	24C1260-39	MSBNA9	E90031402.D
SB40027	BC41501	S4C2636	B-32 (0-2)	24C1260-40	MSBNA9	E90031403.D
SB40027	S4C2841	S4C2841	Calibration Check	S4C2841-CCV1	MSBNA9	E90031486.D
SB40027	BC41917	S4C2841	B-35 (1-5)	24C1260-43	MSBNA9	E90031490.D
SB40027	BC41917	S4C2841	B-36 (2-5)	24C1260-44	MSBNA9	E90031491.D
SB40027	BC41917	S4C2841	B-37 (9-10)	24C1260-45	MSBNA9	E90031492.D

4.0 Analysis Issues

Initial calibration for ***EPA 8270D*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SB40027	MSBNA9	2/20/2024 12:00:48 AM	E90030735.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4,6-Trichlorophenol	**15.12**	15						Avg
2,4-Dinitrophenol	**40.03**	15	**0.0402**	0.05				Avg
2,4-Dinitrotoluene	**28.41**	15						Avg
2,6-Dinitrotoluene	**24.08**	15						Avg
2-Nitroaniline	**19.27**	15						Avg
2-Nitrophenol	**17.75**	15						Avg
3-Nitroaniline	**21.37**	15						Avg
4,6-Dinitro-2-methylphenol	**41.46**	15	**0.0427**	0.05				Avg
4-Nitroaniline	**21.57**	15						Avg
4-Nitrophenol	**18.65**	15						Avg
Benzyl butyl phthalate	**19.59**	15						Avg
Di-n-octyl phthalate	**27.58**	15						Avg
Pentachloronitrobenzene	**17.72**	15						Avg
SURR: 2,4,6-Tribromophenol	**17.52**	15						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4B2136-SCV1		E90030751.D
Secondary Cal Check	S4B2136-SCV2		E90030752.D
Calibration Check	S4C2636-CCV1		E90031383.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SB40027	S4B2136-SCV1	2,4-Dimethylphenol	30.0	21.4	**71.5**	80 - 120
SB40027	S4B2136-SCV1	2,4-Dinitrophenol	30.0	36.2	**121**	80 - 120
SB40027	S4B2136-SCV1	Hexachlorocyclopentadiene	30.0	16.6	**55.4**	80 - 120

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S4C2636-CCV1	Calibration Check	E90031383.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SB40027	S4C2547	S4C2547-CCV1	E90031405.D	03/25/24 09:03
SB40027	S4C2636	S4C2636-CCV1	E90031383.D	03/22/24 09:51
SB40027	S4C2841	S4C2841-CCV1	E90031486.D	03/28/24 09:50

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SB40027	S4C2636-CCV1	2,4-Dinitrophenol	ug/mL	77.6	30.0	**259**	70	130	E90031383.D
SB40027	S4C2636-CCV1	2,4-Dinitrotoluene	ug/mL	51.5	30.0	**172**	70	130	E90031383.D
SB40027	S4C2636-CCV1	2,6-Dinitrotoluene	ug/mL	48.2	30.0	**161**	70	130	E90031383.D
SB40027	S4C2636-CCV1	2-Nitroaniline	ug/mL	43.5	30.0	**145**	70	130	E90031383.D
SB40027	S4C2636-CCV1	2-Nitrophenol	ug/mL	49.2	30.0	**164**	80	120	E90031383.D
SB40027	S4C2636-CCV1	3-Nitroaniline	ug/mL	41.6	30.0	**139**	70	130	E90031383.D
SB40027	S4C2636-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	84.4	30.0	**281**	70	130	E90031383.D
SB40027	S4C2636-CCV1	4-Nitroaniline	ug/mL	40.6	30.0	**135**	70	130	E90031383.D
SB40027	S4C2636-CCV1	Pentachloronitrobenzene	ug/mL	41.5	30.0	**138**	70	130	E90031383.D

The following QC and or client samples were affected:

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BC41501	S4C2636	MSBNA9	BC41501-BLK1	E90031384.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SB40027	4C2636	BC41501-BS1	LCS	E90031385.D

York Analytical Work Order Narrative

EPA 8270D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SB40027**	BC41501	S4C2636	B-36 (2-5)MS1	24C1260-44	B-36 (2-5)	BC41501-MS1
SVOA	**SB40027**	BC41501	S4C2636	B-36 (2-5)MSD1	24C1260-44	B-36 (2-5)	BC41501-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S4C2636	B-36 (2-5)	BC41501-MS1	Dibenzo(a,h)anthracene	ug/kg dry		0		40 - 140	
S4C2636	B-36 (2-5)	BC41501-MS1	Indeno(1,2,3-cd)pyrene	ug/kg dry		150		40 - 140	
S4C2636	B-36 (2-5)	BC41501-MSD1	Dibenzo(a,h)anthracene	ug/kg dry		13.6		40 - 140	30
S4C2636	B-36 (2-5)	BC41501-MSD1	Indeno(1,2,3-cd)pyrene	ug/kg dry	150	157	2.48	40 - 140	30

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270D	BC41603	B-1 (1-3)	24C1260-01	2
EPA 8270D	BC41603	B-2 (1-3)	24C1260-02	2
EPA 8270D	BC41603	B-3 (0-2)	24C1260-03	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04RE1	10
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05	2
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05RE1	5
EPA 8270D	BC41603	B-6 (0-3)	24C1260-06	2
EPA 8270D	BC41603	B-7 (0-2)	24C1260-07	2
EPA 8270D	BC41603	B-7 (8-10)	24C1260-08	2
EPA 8270D	BC41603	B-7 (8-10) D	24C1260-09	2
EPA 8270D	BC41603	B-8 (0-3)	24C1260-10	2
EPA 8270D	BC41603	B-9 (1-3)	24C1260-11	2
EPA 8270D	BC41603	B-10 (0-3)	24C1260-12	2
EPA 8270D	BC41603	B-11 (1-4)	24C1260-13	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14RE1	5
EPA 8270D	BC41603	B-13 (1-4)	24C1260-15	2
EPA 8270D	BC41603	B-14 (1-4)	24C1260-16	2
EPA 8270D	BC41603	B-15 (4-6)	24C1260-17	2
EPA 8270D	BC41603	B-16 (1-5)	24C1260-18	2
EPA 8270D	BC41549	B-17 (0-4)	24C1260-19	2
EPA 8270D	BC41549	B-18 (0-4)	24C1260-20	2
EPA 8270D	BC41549	B-19 (0-4)	24C1260-21	2
EPA 8270D	BC41549	B-20 (0-4)	24C1260-22	2
EPA 8270D	BC41549	B-21 (0-4)	24C1260-23	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24RE1	5
EPA 8270D	BC41549	B-22 (1-5)	24C1260-25	2
EPA 8270D	BC41549	B-22 (5-9)	24C1260-26	2
EPA 8270D	BC41549	B-23 (1-5)	24C1260-27	2
EPA 8270D	BC41549	B-24 (4-6)	24C1260-28	2
EPA 8270D	BC41549	B-25 (1-5)	24C1260-29	2
EPA 8270D	BC41549	B-26 (1-5)	24C1260-30	2

EPA 8270D	BC41549	B-26 (8-10)	24C1260-31	2
EPA 8270D	BC41549	B-27 (0-4)	24C1260-32	2
EPA 8270D	BC41501	B-28 (1-5)	24C1260-33	2
EPA 8270D	BC41501	B-29 (1-5)	24C1260-34	2
EPA 8270D	BC41501	B-29 (9-10)	24C1260-35	2
EPA 8270D	BC41501	B-30 (0-2)	24C1260-36	2
EPA 8270D	BC41501	B-30 (9-10)	24C1260-37	2
EPA 8270D	BC41501	B-31 (1-5)	24C1260-38	2
EPA 8270D	BC41501	B-31 (9-10)	24C1260-39	2
EPA 8270D	BC41501	B-32 (0-2)	24C1260-40	2
EPA 8270D	BC41501	B-33 (0-2)	24C1260-41	2
EPA 8270D	BC41501	B-34 (1-5)	24C1260-42	2
EPA 8270D	BC41917	B-35 (1-5)	24C1260-43	2
EPA 8270D	BC41917	B-36 (2-5)	24C1260-44	2
EPA 8270D	BC41917	B-37 (9-10)	24C1260-45	2
EPA 8270D	BC41501	B-37 (13-15)	24C1260-46	2
EPA 8270D	BC41501	B-38 (10-12)	24C1260-47	2
EPA 8270D	BC41501	B-39 (9-10)	24C1260-48	2

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SB40027	B-37 (13-15)	24C1260-46	SURR: Nitrobenzene-d5	**235**	30 - 130
SB40027	B-31 (9-10)	24C1260-39	SURR: Nitrobenzene-d5	**159**	30 - 130

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 ASE RCP MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SB40030

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SB40030	S4B2615	S4B2615	Secondary Cal Check	S4B2615-SCV1	BNA #7	E70353237.D
SB40030	S4B2615	S4B2615	Secondary Cal Check	S4B2615-SCV2	BNA #7	E70353238.D
SB40030	S4C2836	S4C2836	Calibration Check	S4C2836-CCV1	BNA #7	E70353912.D
SB40030	BC41917	S4C2836	Blank	BC41917-BLK1	BNA #7	E70353916.D
SB40030	BC41917	S4C2836	LCS	BC41917-BS1	BNA #7	E70353917.D
SB40030	BC41917	S4C2836	B-36 (2-5)MS1	BC41917-MS1	BNA #7	E70353918.D
SB40030	BC41917	S4C2836	B-36 (2-5)MSD1	BC41917-MSD1	BNA #7	E70353919.D

Initial calibration for EPA 8270D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SB40030	BNA #7	2/22/2024 12:39:45 AM	E70353227.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**45.61**	15						Avg
2,4-Dinitrotoluene	**28.77**	15						Avg
2,6-Dinitrotoluene	**23.24**	15						Avg
2-Nitroaniline	**19.17**	15						Avg
3,3-Dichlorobenzidine	**16.28**	15						Avg
3-Nitroaniline	**19.60**	15						Avg
4,6-Dinitro-2-methylphenol	**43.81**	15						Avg
4-Nitroaniline	**19.23**	15						Avg
4-Nitrophenol	**19.69**	15						Avg
Benzyl butyl phthalate	**15.31**	15						Avg
Di-n-octyl phthalate	**27.20**	15						Avg
Pentachloronitrobenzene	**17.99**	15						Avg
Pyridine	**17.28**	15						Avg
SURR: 2,4,6-Tribromophenol	**21.23**	15						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4B2615-SCV1		E70353237.D
Secondary Cal Check	S4B2615-SCV2		E70353238.D
Calibration Check	S4C2836-CCV1		E70353912.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SB40030	S4B2615-SCV1	2,4-Dimethylphenol	30.0	21.2	**70.6**	80 - 120
SB40030	S4B2615-SCV1	2,4-Dinitrophenol	30.0	44.7	**149**	80 - 120
SB40030	S4B2615-SCV1	2,4-Dinitrotoluene	30.0	38.8	**129**	80 - 120
SB40030	S4B2615-SCV1	2,6-Dinitrotoluene	30.0	37.3	**124**	80 - 120
SB40030	S4B2615-SCV1	2-Nitrophenol	30.0	36.8	**123**	80 - 120
SB40030	S4B2615-SCV1	4,6-Dinitro-2-methylphenol	30.0	43.2	**144**	80 - 120
SB40030	S4B2615-SCV1	Hexachlorocyclopentadiene	30.0	16.3	**54.5**	80 - 120
SB40030	S4B2615-SCV1	Pentachlorophenol	30.0	38.1	**127**	80 - 120
SB40030	S4B2615-SCV1	Pyridine	30.0	21.7	**72.5**	80 - 120

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S4C2836-CCV1	Calibration Check	E70353912.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SB40030	S4C2836	S4C2836-CCV1	E70353912.D	03/28/24 09:51

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SB40030	S4C2836-CCV1	2,4-Dinitrophenol	ug/mL	69.7	30.0	**232**	70 130	E70353912.D
SB40030	S4C2836-CCV1	2,4-Dinitrotoluene	ug/mL	45.8	30.0	**153**	70 130	E70353912.D
SB40030	S4C2836-CCV1	2,6-Dinitrotoluene	ug/mL	42.3	30.0	**141**	70 130	E70353912.D
SB40030	S4C2836-CCV1	2-Nitrophenol	ug/mL	37.0	30.0	**123**	80 120	E70353912.D
SB40030	S4C2836-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	42.1	30.0	**140**	70 130	E70353912.D
SB40030	S4C2836-CCV1	4-Nitrophenol	ug/mL	44.0	30.0	**146**	70 130	E70353912.D
SB40030	S4C2836-CCV1	Di-n-octyl phthalate	ug/mL	38.2	30.0	**127**	80 120	E70353912.D
SB40030	S4C2836-CCV1	N-Nitrosodiphenylamine	ug/mL	19.8	30.0	**65.9**	80 120	E70353912.D
SB40030	S4C2836-CCV1	Pentachloronitrobenzene	ug/mL	40.2	30.0	**134**	70 130	E70353912.D

The following QC and or client samples were affected:

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BC41917	S4C2836	BNA #7	BC41917-BLK1	E70353916.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SB40030	4C2836	BC41917-BS1	LCS	E70353917.D

York Analytical Work Order Narrative

EPA 8270D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SB40030**	BC41917	S4C2836	B-36 (2-5)MS1	24C1260-44	B-36 (2-5)	BC41917-MS1
SVOA	**SB40030**	BC41917	S4C2836	B-36 (2-5)MSD1	24C1260-44	B-36 (2-5)	BC41917-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S4C2836	B-36 (2-5)	BC41917-MS1	Benzo(k)fluoranthene	ug/kg dry		34.8		40 - 140	
S4C2836	B-36 (2-5)	BC41917-MS1	Fluoranthene	ug/kg dry		25.2		40 - 140	
S4C2836	B-36 (2-5)	BC41917-MSD1	Benzo(b)fluoranthene	ug/kg dry	46.0	37.2	7.88	40 - 140	30
S4C2836	B-36 (2-5)	BC41917-MSD1	Benzo(k)fluoranthene	ug/kg dry	34.8	31.9	3.24	40 - 140	30
S4C2836	B-36 (2-5)	BC41917-MSD1	Fluoranthene	ug/kg dry	25.2	2.69	13.6	40 - 140	30
S4C2836	B-36 (2-5)	BC41917-MSD1	Phenanthrene	ug/kg dry	57.5	38.5	20.6	40 - 140	30

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270D	BC41603	B-1 (1-3)	24C1260-01	2
EPA 8270D	BC41603	B-2 (1-3)	24C1260-02	2
EPA 8270D	BC41603	B-3 (0-2)	24C1260-03	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04RE1	10
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05	2
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05RE1	5
EPA 8270D	BC41603	B-6 (0-3)	24C1260-06	2
EPA 8270D	BC41603	B-7 (0-2)	24C1260-07	2
EPA 8270D	BC41603	B-7 (8-10)	24C1260-08	2
EPA 8270D	BC41603	B-7 (8-10) D	24C1260-09	2
EPA 8270D	BC41603	B-8 (0-3)	24C1260-10	2
EPA 8270D	BC41603	B-9 (1-3)	24C1260-11	2
EPA 8270D	BC41603	B-10 (0-3)	24C1260-12	2
EPA 8270D	BC41603	B-11 (1-4)	24C1260-13	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14RE1	5
EPA 8270D	BC41603	B-13 (1-4)	24C1260-15	2
EPA 8270D	BC41603	B-14 (1-4)	24C1260-16	2
EPA 8270D	BC41603	B-15 (4-6)	24C1260-17	2
EPA 8270D	BC41603	B-16 (1-5)	24C1260-18	2
EPA 8270D	BC41549	B-17 (0-4)	24C1260-19	2
EPA 8270D	BC41549	B-18 (0-4)	24C1260-20	2
EPA 8270D	BC41549	B-19 (0-4)	24C1260-21	2
EPA 8270D	BC41549	B-20 (0-4)	24C1260-22	2
EPA 8270D	BC41549	B-21 (0-4)	24C1260-23	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24RE1	5
EPA 8270D	BC41549	B-22 (1-5)	24C1260-25	2
EPA 8270D	BC41549	B-22 (5-9)	24C1260-26	2
EPA 8270D	BC41549	B-23 (1-5)	24C1260-27	2
EPA 8270D	BC41549	B-24 (4-6)	24C1260-28	2

EPA 8270D	BC41549	B-25 (1-5)	24C1260-29	2
EPA 8270D	BC41549	B-26 (1-5)	24C1260-30	2
EPA 8270D	BC41549	B-26 (8-10)	24C1260-31	2
EPA 8270D	BC41549	B-27 (0-4)	24C1260-32	2
EPA 8270D	BC41501	B-28 (1-5)	24C1260-33	2
EPA 8270D	BC41501	B-29 (1-5)	24C1260-34	2
EPA 8270D	BC41501	B-29 (9-10)	24C1260-35	2
EPA 8270D	BC41501	B-30 (0-2)	24C1260-36	2
EPA 8270D	BC41501	B-30 (9-10)	24C1260-37	2
EPA 8270D	BC41501	B-31 (1-5)	24C1260-38	2
EPA 8270D	BC41501	B-31 (9-10)	24C1260-39	2
EPA 8270D	BC41501	B-32 (0-2)	24C1260-40	2
EPA 8270D	BC41501	B-33 (0-2)	24C1260-41	2
EPA 8270D	BC41501	B-34 (1-5)	24C1260-42	2
EPA 8270D	BC41917	B-35 (1-5)	24C1260-43	2
EPA 8270D	BC41917	B-36 (2-5)	24C1260-44	2
EPA 8270D	BC41917	B-37 (9-10)	24C1260-45	2
EPA 8270D	BC41501	B-37 (13-15)	24C1260-46	2
EPA 8270D	BC41501	B-38 (10-12)	24C1260-47	2
EPA 8270D	BC41501	B-39 (9-10)	24C1260-48	2

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 ASE RCP MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SB40037

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SB40037	S4B2943	S4B2943	Secondary Cal Check	S4B2943-SCV1	BNA #4	SV4415344.D
SB40037	S4B2943	S4B2943	Secondary Cal Check	S4B2943-SCV2	BNA #4	SV4415345.D
SB40037	S4C2623	S4C2623	Calibration Check	S4C2623-CCV1	BNA #4	SV4415638.D
SB40037	BC41603	S4C2623	Blank	BC41603-BLK1	BNA #4	SV4415639.D
SB40037	BC41603	S4C2623	LCS	BC41603-BS1	BNA #4	SV4415640.D
SB40037	BC41603	S4C2623	B-1 (1-3)	24C1260-01	BNA #4	SV4415645.D
SB40037	BC41603	S4C2623	B-2 (1-3)	24C1260-02	BNA #4	SV4415646.D
SB40037	BC41603	S4C2623	B-3 (0-2)	24C1260-03	BNA #4	SV4415647.D
SB40037	BC41603	S4C2623	B-4 (0-4)	24C1260-04	BNA #4	SV4415648.D
SB40037	BC41603	S4C2623	B-5 (0-3)	24C1260-05	BNA #4	SV4415649.D
SB40037	BC41603	S4C2623	B-6 (0-3)	24C1260-06	BNA #4	SV4415650.D

Initial calibration for EPA 8270D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SB40037	BNA #4	2/28/2024 12:54:35 AM	SV4415334.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**43.65**	15						Avg
4,6-Dinitro-2-methylphenol	**31.17**	15						Avg
Benzyl butyl phthalate	**21.29**	15						Avg
Di-n-octyl phthalate	**32.18**	15						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4B2943-SCV1		SV4415344.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SB40037	S4B2943-SCV1	2,4-Dimethylphenol	30.0	23.4	**77.9**	80 - 120
SB40037	S4B2943-SCV1	2,4-Dinitrophenol	30.0	44.9	**150**	80 - 120
SB40037	S4B2943-SCV1	2,6-Dinitrotoluene	30.0	37.0	**123**	80 - 120
SB40037	S4B2943-SCV1	4,6-Dinitro-2-methylphenol	30.0	42.7	**142**	80 - 120
SB40037	S4B2943-SCV1	Di-n-octyl phthalate	30.0	39.2	**131**	80 - 120
SB40037	S4B2943-SCV1	Hexachlorocyclopentadiene	30.0	18.1	**60.2**	80 - 120
SB40037	S4B2943-SCV1	N-Nitrosodiphenylamine	30.0	37.7	**126**	80 - 120
SB40037	S4B2943-SCV1	Pentachlorophenol	30.0	38.6	**129**	80 - 120

The following QC and or client samples were affected:

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SB40037	S4C2623	S4C2623-CCV1	SV4415638.D	03/25/24 09:57

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SB40037	S4C2623-CCV1	Fluoranthene	ug/mL	46.1	30.0	**154**	80	120	SV4415638.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SB40037	S4C2623	BC41603-BS1	LCS		SV4415640.D
SB40037	S4C2623	24C1260-02	B-2 (1-3)		SV4415646.D
SB40037	S4C2623	24C1260-03	B-3 (0-2)		SV4415647.D

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BC41603	S4C2623	BNA #4	BC41603-BLK1	SV4415639.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SB40037	4C2623	BC41603-BS1	LCS	SV4415640.D

York Analytical Work Order Narrative

EPA 8270D

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270D	BC41603	B-1 (1-3)	24C1260-01	2
EPA 8270D	BC41603	B-2 (1-3)	24C1260-02	2
EPA 8270D	BC41603	B-3 (0-2)	24C1260-03	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04RE1	10
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05	2
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05RE1	5
EPA 8270D	BC41603	B-6 (0-3)	24C1260-06	2
EPA 8270D	BC41603	B-7 (0-2)	24C1260-07	2
EPA 8270D	BC41603	B-7 (8-10)	24C1260-08	2
EPA 8270D	BC41603	B-7 (8-10) D	24C1260-09	2
EPA 8270D	BC41603	B-8 (0-3)	24C1260-10	2
EPA 8270D	BC41603	B-9 (1-3)	24C1260-11	2
EPA 8270D	BC41603	B-10 (0-3)	24C1260-12	2
EPA 8270D	BC41603	B-11 (1-4)	24C1260-13	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14RE1	5
EPA 8270D	BC41603	B-13 (1-4)	24C1260-15	2
EPA 8270D	BC41603	B-14 (1-4)	24C1260-16	2
EPA 8270D	BC41603	B-15 (4-6)	24C1260-17	2
EPA 8270D	BC41603	B-16 (1-5)	24C1260-18	2
EPA 8270D	BC41549	B-17 (0-4)	24C1260-19	2
EPA 8270D	BC41549	B-18 (0-4)	24C1260-20	2
EPA 8270D	BC41549	B-19 (0-4)	24C1260-21	2
EPA 8270D	BC41549	B-20 (0-4)	24C1260-22	2
EPA 8270D	BC41549	B-21 (0-4)	24C1260-23	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24RE1	5
EPA 8270D	BC41549	B-22 (1-5)	24C1260-25	2
EPA 8270D	BC41549	B-22 (5-9)	24C1260-26	2
EPA 8270D	BC41549	B-23 (1-5)	24C1260-27	2
EPA 8270D	BC41549	B-24 (4-6)	24C1260-28	2
EPA 8270D	BC41549	B-25 (1-5)	24C1260-29	2
EPA 8270D	BC41549	B-26 (1-5)	24C1260-30	2
EPA 8270D	BC41549	B-26 (8-10)	24C1260-31	2
EPA 8270D	BC41549	B-27 (0-4)	24C1260-32	2
EPA 8270D	BC41501	B-28 (1-5)	24C1260-33	2
EPA 8270D	BC41501	B-29 (1-5)	24C1260-34	2
EPA 8270D	BC41501	B-29 (9-10)	24C1260-35	2
EPA 8270D	BC41501	B-30 (0-2)	24C1260-36	2
EPA 8270D	BC41501	B-30 (9-10)	24C1260-37	2
EPA 8270D	BC41501	B-31 (1-5)	24C1260-38	2

EPA 8270D	BC41501	B-31 (9-10)	24C1260-39	2
EPA 8270D	BC41501	B-32 (0-2)	24C1260-40	2
EPA 8270D	BC41501	B-33 (0-2)	24C1260-41	2
EPA 8270D	BC41501	B-34 (1-5)	24C1260-42	2
EPA 8270D	BC41917	B-35 (1-5)	24C1260-43	2
EPA 8270D	BC41917	B-36 (2-5)	24C1260-44	2
EPA 8270D	BC41917	B-37 (9-10)	24C1260-45	2
EPA 8270D	BC41501	B-37 (13-15)	24C1260-46	2
EPA 8270D	BC41501	B-38 (10-12)	24C1260-47	2
EPA 8270D	BC41501	B-39 (9-10)	24C1260-48	2

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 ASE RCP MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL30040

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL30040	S3L1913	S3L1913	Secondary Cal Check	S3L1913-SCV1	BNA #1	BNA1024994.D
SL30040	S4C2524	S4C2524	Calibration Check	S4C2524-CCV1	BNA #1	BNA1026729.D
SL30040	BC41549	S4C2524	B-21 (9-10)	24C1260-24RE1	BNA #1	BNA1026733.D
SL30040	S4C2742	S4C2742	Calibration Check	S4C2742-CCV1	BNA #1	BNA1026764.D
SL30040	BC41603	S4C2742	B-12 (1-4)	24C1260-14RE1	BNA #1	BNA1026771.D
SL30040	BC41603	S4C2742	B-5 (0-3)	24C1260-05RE1	BNA #1	BNA1026772.D
SL30040	BC41603	S4C2742	B-4 (0-4)	24C1260-04RE1	BNA #1	BNA1026777.D

Initial calibration for EPA 8270D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL30040	BNA #1	12/18/2023 12:20:45 AM	BNA1024985.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**51.84**	15						Avg
4,6-Dinitro-2-methylphenol	**46.38**	15						Avg
4-Nitrophenol	**19.59**	15						Avg
Hexachlorocyclopentadiene	**46.90**	15						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S3L1913-SCV1		BNA1024994.D
Calibration Check	S4C2742-CCV1		BNA1026764.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL30040	S3L1913-SCV1	1,2,4-Trichlorobenzene	30.0	23.7	**79.1**	80 - 120
SL30040	S3L1913-SCV1	1-Methylnaphthalene	30.0	21.6	**71.8**	80 - 120
SL30040	S3L1913-SCV1	2,4,5-Trichlorophenol	30.0	22.5	**75.0**	80 - 120
SL30040	S3L1913-SCV1	2,4,6-Trichlorophenol	30.0	23.4	**78.2**	80 - 120
SL30040	S3L1913-SCV1	2,4-Dimethylphenol	30.0	17.7	**59.1**	80 - 120
SL30040	S3L1913-SCV1	2,4-Dinitrophenol	30.0	37.0	**123**	80 - 120
SL30040	S3L1913-SCV1	2,4-Dinitrotoluene	30.0	23.6	**78.7**	80 - 120
SL30040	S3L1913-SCV1	2,6-Dinitrotoluene	30.0	23.6	**78.8**	80 - 120
SL30040	S3L1913-SCV1	2-Chloronaphthalene	30.0	21.8	**72.6**	80 - 120
SL30040	S3L1913-SCV1	2-Chlorophenol	30.0	23.0	**76.7**	80 - 120
SL30040	S3L1913-SCV1	2-Methylnaphthalene	30.0	22.7	**75.7**	80 - 120
SL30040	S3L1913-SCV1	2-Methylphenol	30.0	22.2	**74.0**	80 - 120
SL30040	S3L1913-SCV1	2-Nitroaniline	30.0	23.5	**78.2**	80 - 120
SL30040	S3L1913-SCV1	3- & 4-Methylphenols	30.0	19.9	**66.4**	80 - 120
SL30040	S3L1913-SCV1	3-Nitroaniline	30.0	24.0	**79.9**	80 - 120
SL30040	S3L1913-SCV1	4-Bromophenyl phenyl ether	30.0	21.6	**72.1**	80 - 120
SL30040	S3L1913-SCV1	4-Chloroaniline	30.0	23.1	**77.1**	80 - 120
SL30040	S3L1913-SCV1	4-Chlorophenyl phenyl ether	30.0	21.4	**71.2**	80 - 120
SL30040	S3L1913-SCV1	4-Nitroaniline	30.0	22.9	**76.4**	80 - 120
SL30040	S3L1913-SCV1	Acenaphthene	30.0	22.5	**75.0**	80 - 120
SL30040	S3L1913-SCV1	Acenaphthylene	30.0	21.8	**72.8**	80 - 120
SL30040	S3L1913-SCV1	Aniline	30.0	20.3	**67.6**	80 - 120
SL30040	S3L1913-SCV1	Anthracene	30.0	21.7	**72.4**	80 - 120
SL30040	S3L1913-SCV1	Benzo(a)anthracene	30.0	23.4	**77.9**	80 - 120
SL30040	S3L1913-SCV1	Benzo(a)pyrene	30.0	22.9	**76.5**	80 - 120
SL30040	S3L1913-SCV1	Benzo(g,h,i)perylene	30.0	23.2	**77.5**	80 - 120
SL30040	S3L1913-SCV1	Bis(2-chloroethoxy)methane	30.0	23.4	**78.1**	80 - 120
SL30040	S3L1913-SCV1	Bis(2-chloroethyl)ether	30.0	22.4	**74.7**	80 - 120
SL30040	S3L1913-SCV1	Bis(2-chloroisopropyl)ether	30.0	22.2	**74.1**	80 - 120
SL30040	S3L1913-SCV1	Carbazole	30.0	22.9	**76.3**	80 - 120
SL30040	S3L1913-SCV1	Chrysene	30.0	23.2	**77.5**	80 - 120
SL30040	S3L1913-SCV1	Dibenzofuran	30.0	21.4	**71.4**	80 - 120
SL30040	S3L1913-SCV1	Diethyl phthalate	30.0	22.6	**75.2**	80 - 120
SL30040	S3L1913-SCV1	Dimethyl phthalate	30.0	22.5	**75.1**	80 - 120
SL30040	S3L1913-SCV1	Di-n-butyl phthalate	30.0	23.6	**78.5**	80 - 120
SL30040	S3L1913-SCV1	Fluoranthene	30.0	22.6	**75.2**	80 - 120
SL30040	S3L1913-SCV1	Fluorene	30.0	22.0	**73.3**	80 - 120
SL30040	S3L1913-SCV1	Hexachlorobenzene	30.0	22.1	**73.6**	80 - 120
SL30040	S3L1913-SCV1	Hexachlorobutadiene	30.0	23.6	**78.7**	80 - 120
SL30040	S3L1913-SCV1	Hexachlorocyclopentadiene	30.0	18.1	**60.2**	80 - 120
SL30040	S3L1913-SCV1	Hexachloroethane	30.0	22.7	**75.6**	80 - 120
SL30040	S3L1913-SCV1	Naphthalene	30.0	23.8	**79.2**	80 - 120

SL30040	S3L1913-SCV1	N-nitroso-di-n-propylamine	30.0	22.0	**73.2**	80 -	120
SL30040	S3L1913-SCV1	Phenanthrene	30.0	22.1	**73.7**	80 -	120
SL30040	S3L1913-SCV1	Phenol	30.0	22.3	**74.4**	80 -	120
SL30040	S3L1913-SCV1	Pyrene	30.0	23.1	**77.1**	80 -	120
SL30040	S3L1913-SCV1	Pyridine	30.0	19.4	**64.6**	80 -	120

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S4C2524-CCV1	Calibration Check	BNA1026729.D
24C1260-24RE1	B-21 (9-10)	BNA1026733.D
S4C2742-CCV1	Calibration Check	BNA1026764.D
24C1260-14RE1	B-12 (1-4)	BNA1026771.D
24C1260-05RE1	B-5 (0-3)	BNA1026772.D
24C1260-04RE1	B-4 (0-4)	BNA1026777.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL30040	S4C2524	S4C2524-CCV1	BNA1026729.D	03/24/24 16:33
SL30040	S4C2742	S4C2742-CCV1	BNA1026764.D	03/26/24 10:12

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL30040	S4C2742-CCV1	4-Nitroaniline	ug/mL	1.73	30.0	**5.77**	70	130	BNA1026764.D
SL30040	S4C2742-CCV1	Benzo(a)pyrene	ug/mL	36.2	30.0	**121**	80	120	BNA1026764.D
SL30040	S4C2742-CCV1	Di-n-octyl phthalate	ug/mL	37.3	30.0	**124**	80	120	BNA1026764.D
SL30040	S4C2742-CCV1	Hexachlorocyclopentadiene	ug/mL	0.00	30.0	**0**	70	130	BNA1026764.D
SL30040	S4C2742-CCV1	Indeno(1,2,3-cd)pyrene	ug/mL	52.1	30.0	**174**	70	130	BNA1026764.D
SL30040	S4C2742-CCV1	Pentachlorophenol	ug/mL	14.2	30.0	**47.5**	80	120	BNA1026764.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL30040	S4C2742	24C1260-04RE1	B-4 (0-4)		BNA1026777.D

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

York Analytical Work Order Narrative

EPA 8270D

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270D	BC41603	B-1 (1-3)	24C1260-01	2
EPA 8270D	BC41603	B-2 (1-3)	24C1260-02	2
EPA 8270D	BC41603	B-3 (0-2)	24C1260-03	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04	2
EPA 8270D	BC41603	B-4 (0-4)	24C1260-04RE1	10
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05	2
EPA 8270D	BC41603	B-5 (0-3)	24C1260-05RE1	5
EPA 8270D	BC41603	B-6 (0-3)	24C1260-06	2
EPA 8270D	BC41603	B-7 (0-2)	24C1260-07	2
EPA 8270D	BC41603	B-7 (8-10)	24C1260-08	2
EPA 8270D	BC41603	B-7 (8-10) D	24C1260-09	2
EPA 8270D	BC41603	B-8 (0-3)	24C1260-10	2
EPA 8270D	BC41603	B-9 (1-3)	24C1260-11	2
EPA 8270D	BC41603	B-10 (0-3)	24C1260-12	2
EPA 8270D	BC41603	B-11 (1-4)	24C1260-13	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14	2
EPA 8270D	BC41603	B-12 (1-4)	24C1260-14RE1	5
EPA 8270D	BC41603	B-13 (1-4)	24C1260-15	2
EPA 8270D	BC41603	B-14 (1-4)	24C1260-16	2
EPA 8270D	BC41603	B-15 (4-6)	24C1260-17	2
EPA 8270D	BC41603	B-16 (1-5)	24C1260-18	2
EPA 8270D	BC41549	B-17 (0-4)	24C1260-19	2
EPA 8270D	BC41549	B-18 (0-4)	24C1260-20	2
EPA 8270D	BC41549	B-19 (0-4)	24C1260-21	2
EPA 8270D	BC41549	B-20 (0-4)	24C1260-22	2
EPA 8270D	BC41549	B-21 (0-4)	24C1260-23	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24	2
EPA 8270D	BC41549	B-21 (9-10)	24C1260-24RE1	5
EPA 8270D	BC41549	B-22 (1-5)	24C1260-25	2
EPA 8270D	BC41549	B-22 (5-9)	24C1260-26	2
EPA 8270D	BC41549	B-23 (1-5)	24C1260-27	2
EPA 8270D	BC41549	B-24 (4-6)	24C1260-28	2
EPA 8270D	BC41549	B-25 (1-5)	24C1260-29	2
EPA 8270D	BC41549	B-26 (1-5)	24C1260-30	2
EPA 8270D	BC41549	B-26 (8-10)	24C1260-31	2
EPA 8270D	BC41549	B-27 (0-4)	24C1260-32	2
EPA 8270D	BC41501	B-28 (1-5)	24C1260-33	2
EPA 8270D	BC41501	B-29 (1-5)	24C1260-34	2
EPA 8270D	BC41501	B-29 (9-10)	24C1260-35	2
EPA 8270D	BC41501	B-30 (0-2)	24C1260-36	2
EPA 8270D	BC41501	B-30 (9-10)	24C1260-37	2
EPA 8270D	BC41501	B-31 (1-5)	24C1260-38	2

EPA 8270D	BC41501	B-31 (9-10)	24C1260-39	2
EPA 8270D	BC41501	B-32 (0-2)	24C1260-40	2
EPA 8270D	BC41501	B-33 (0-2)	24C1260-41	2
EPA 8270D	BC41501	B-34 (1-5)	24C1260-42	2
EPA 8270D	BC41917	B-35 (1-5)	24C1260-43	2
EPA 8270D	BC41917	B-36 (2-5)	24C1260-44	2
EPA 8270D	BC41917	B-37 (9-10)	24C1260-45	2
EPA 8270D	BC41501	B-37 (13-15)	24C1260-46	2
EPA 8270D	BC41501	B-38 (10-12)	24C1260-47	2
EPA 8270D	BC41501	B-39 (9-10)	24C1260-48	2

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

CT DEP ETPH

Extractable Total Petroleum Hydrocarbons (ETPH)

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA40030

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA40030	S4A1907	S4A1907	Secondary Cal Check	S4A1907-SCV1	HP FID 3	G8009735.D
SA40030	S4C2244	S4C2244	Calibration Check	S4C2244-CCV1	HP FID 3	G8010492.D
SA40030	S4C2244	S4C2244	Calibration Check	S4C2244-CCV2	HP FID 3	G8010503.D
SA40030	BC41499	S4C2244	Blank	BC41499-BLK1	HP FID 3	G8010504.D
SA40030	BC41499	S4C2244	LCS	BC41499-BS1	HP FID 3	G8010505.D
SA40030	BC41499	S4C2244	B-28 (1-5)	24C1260-33	HP FID 3	G8010506.D
SA40030	BC41499	S4C2244	B-29 (1-5)	24C1260-34	HP FID 3	G8010507.D
SA40030	BC41499	S4C2244	B-30 (0-2)	24C1260-36	HP FID 3	G8010509.D
SA40030	BC41499	S4C2244	B-31 (1-5)	24C1260-38	HP FID 3	G8010511.D
SA40030	BC41499	S4C2244	B-32 (0-2)	24C1260-40	HP FID 3	G8010513.D
SA40030	S4C2244	S4C2244	Calibration Check	S4C2244-CCV3	HP FID 3	G8010514.D
SA40030	BC41499	S4C2244	B-33 (0-2)	24C1260-41	HP FID 3	G8010515.D
SA40030	BC41499	S4C2244	B-34 (1-5)	24C1260-42	HP FID 3	G8010516.D
SA40030	BC41499	S4C2244	B-35 (1-5)	24C1260-43	HP FID 3	G8010517.D
SA40030	BC41499	S4C2244	B-36 (2-5)	24C1260-44	HP FID 3	G8010518.D
SA40030	BC41499	S4C2244	B-37 (9-10)	24C1260-45	HP FID 3	G8010519.D
SA40030	S4C2244	S4C2244	Calibration Check	S4C2244-CCV4	HP FID 3	G8010525.D
SA40030	BC41545	S4C2244	Blank	BC41545-BLK1	HP FID 3	G8010532.D
SA40030	BC41545	S4C2244	LCS	BC41545-BS1	HP FID 3	G8010533.D
SA40030	BC41545	S4C2244	B-17 (0-4)	24C1260-19	HP FID 3	G8010534.D
SA40030	BC41545	S4C2244	B-18 (0-4)	24C1260-20	HP FID 3	G8010535.D
SA40030	S4C2244	S4C2244	Calibration Check	S4C2244-CCV5	HP FID 3	G8010536.D
SA40030	BC41545	S4C2244	B-19 (0-4)	24C1260-21	HP FID 3	G8010537.D
SA40030	BC41545	S4C2244	B-20 (0-4)	24C1260-22	HP FID 3	G8010538.D
SA40030	BC41545	S4C2244	B-21 (0-4)	24C1260-23	HP FID 3	G8010539.D
SA40030	BC41545	S4C2244	B-22 (1-5)	24C1260-25	HP FID 3	G8010541.D
SA40030	BC41545	S4C2244	B-22 (5-9)	24C1260-26	HP FID 3	G8010542.D
SA40030	BC41545	S4C2244	B-23 (1-5)	24C1260-27	HP FID 3	G8010543.D
SA40030	BC41545	S4C2244	B-24 (4-6)	24C1260-28	HP FID 3	G8010544.D
SA40030	BC41545	S4C2244	B-25 (1-5)	24C1260-29	HP FID 3	G8010545.D
SA40030	BC41545	S4C2244	B-26 (1-5)	24C1260-30	HP FID 3	G8010546.D
SA40030	S4C2244	S4C2244	Calibration Check	S4C2244-CCV6	HP FID 3	G8010547.D
SA40030	BC41545	S4C2244	B-26 (8-10)	24C1260-31	HP FID 3	G8010548.D
SA40030	BC41545	S4C2244	B-27 (0-4)	24C1260-32	HP FID 3	G8010549.D
SA40030	BC41545	S4C2244	B-17 (0-4)MS1	BC41545-MS1	HP FID 3	G8010556.D
SA40030	BC41545	S4C2244	B-17 (0-4)MSD1	BC41545-MSD1	HP FID 3	G8010557.D
SA40030	S4C2244	S4C2244	Calibration Check	S4C2244-CCV7	HP FID 3	G8010558.D
SA40030	BC41499	S4C2244	B-29 (9-10)	24C1260-35	HP FID 3	G8010560.D

4.0 Analysis Issues

SA40030	BC41499	S4C2244	B-30 (9-10)	24C1260-37	HP FID 3	G8010561.D
SA40030	BC41499	S4C2244	B-31 (9-10)	24C1260-39	HP FID 3	G8010562.D
SA40030	BC41499	S4C2244	B-37 (13-15)	24C1260-46	HP FID 3	G8010563.D
SA40030	BC41631	S4C2244	Blank	BC41631-BLK1	HP FID 3	G8010567.D
SA40030	BC41631	S4C2244	LCS	BC41631-BS1	HP FID 3	G8010568.D
SA40030	S4C2244	S4C2244	Calibration Check	S4C2244-CCV8	HP FID 3	G8010573.D
SA40030	BC41631	S4C2244	B-4 (0-4)	24C1260-04	HP FID 3	G8010574.D
SA40030	BC41631	S4C2244	B-5 (0-3)	24C1260-05	HP FID 3	G8010575.D
SA40030	BC41631	S4C2244	B-10 (0-3)	24C1260-12	HP FID 3	G8010577.D
SA40030	BC41631	S4C2244	B-7 (0-2)	24C1260-07	HP FID 3	G8010578.D
SA40030	BC41631	S4C2244	B-7 (8-10)	24C1260-08	HP FID 3	G8010579.D
SA40030	BC41631	S4C2244	B-7 (8-10) D	24C1260-09	HP FID 3	G8010580.D
SA40030	BC41631	S4C2244	B-8 (0-3)	24C1260-10	HP FID 3	G8010581.D
SA40030	BC41631	S4C2244	B-9 (1-3)	24C1260-11	HP FID 3	G8010582.D
SA40030	S4C2244	S4C2244	Calibration Check	S4C2244-CCV9	HP FID 3	G8010583.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCV1	HP FID 3	G8010590.D
SA40030	BC41631	S4C2635	B-11 (1-4)	24C1260-13	HP FID 3	G8010591.D
SA40030	BC41631	S4C2635	B-12 (1-4)	24C1260-14	HP FID 3	G8010592.D
SA40030	BC41631	S4C2635	B-13 (1-4)	24C1260-15	HP FID 3	G8010593.D
SA40030	BC41631	S4C2635	B-14 (1-4)	24C1260-16	HP FID 3	G8010594.D
SA40030	BC41631	S4C2635	B-15 (4-6)	24C1260-17	HP FID 3	G8010595.D
SA40030	BC41631	S4C2635	B-16 (1-5)	24C1260-18	HP FID 3	G8010596.D
SA40030	BC41631	S4C2635	B-2 (1-3)MS1	BC41631-MS1	HP FID 3	G8010597.D
SA40030	BC41631	S4C2635	B-2 (1-3)MSD1	BC41631-MSD1	HP FID 3	G8010598.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCV2	HP FID 3	G8010599.D
SA40030	BC41631	S4C2635	B-2 (1-3)	24C1260-02	HP FID 3	G8010600.D
SA40030	BC41545	S4C2635	B-21 (9-10)	24C1260-24	HP FID 3	G8010601.D
SA40030	BC41631	S4C2635	B-3 (0-2)	24C1260-03	HP FID 3	G8010602.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCV3	HP FID 3	G8010607.D
SA40030	BC41738	S4C2635	Blank	BC41738-BLK1	HP FID 3	G8010608.D
SA40030	BC41738	S4C2635	LCS	BC41738-BS1	HP FID 3	G8010609.D
SA40030	BC41738	S4C2635	B-1 (1-3)	24C1260-01	HP FID 3	G8010610.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCV4	HP FID 3	G8010618.D
SA40030	BC41814	S4C2635	Blank	BC41814-BLK1	HP FID 3	G8010621.D
SA40030	BC41814	S4C2635	LCS	BC41814-BS1	HP FID 3	G8010622.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCV5	HP FID 3	G8010629.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCV6	HP FID 3	G8010639.D
SA40030	BC41814	S4C2635	B-6 (0-3)	24C1260-06	HP FID 3	G8010640.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCV7	HP FID 3	G8010650.D
SA40030	BC41499	S4C2635	B-38 (10-12)	24C1260-47	HP FID 3	G8010658.D
SA40030	BC41499	S4C2635	B-39 (9-10)	24C1260-48	HP FID 3	G8010659.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCV8	HP FID 3	G8010660.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCV9	HP FID 3	G8010671.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCVA	HP FID 3	G8010682.D
SA40030	S4C2635	S4C2635	Calibration Check	S4C2635-CCVB	HP FID 3	G8010685.D

4.0 Analysis Issues

Initial calibration for CT DEP ETPH exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA40030	HP FID 3	1/18/2024 7:03:11 AM	G8009725.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
ETPH (Extractable Total Petroleum Hydrocarbons)		15			0.93872	**out**		LR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4A1907-SCV1		G8009735.D
Calibration Check	S4C2244-CCV1		G8010492.D
Calibration Check	S4C2244-CCV2		G8010503.D
Blank	BC41499-BLK1		G8010504.D
LCS	BC41499-BS1		G8010505.D
B-28 (1-5)	24C1260-33		G8010506.D
B-29 (1-5)	24C1260-34		G8010507.D
B-30 (0-2)	24C1260-36		G8010509.D
B-31 (1-5)	24C1260-38		G8010511.D
B-32 (0-2)	24C1260-40		G8010513.D
Calibration Check	S4C2244-CCV3		G8010514.D
B-33 (0-2)	24C1260-41		G8010515.D
B-34 (1-5)	24C1260-42		G8010516.D
B-35 (1-5)	24C1260-43		G8010517.D
B-36 (2-5)	24C1260-44		G8010518.D
B-37 (9-10)	24C1260-45		G8010519.D
Calibration Check	S4C2244-CCV4		G8010525.D
Blank	BC41545-BLK1		G8010532.D
LCS	BC41545-BS1		G8010533.D
B-17 (0-4)	24C1260-19		G8010534.D
B-18 (0-4)	24C1260-20		G8010535.D
Calibration Check	S4C2244-CCV5		G8010536.D
B-19 (0-4)	24C1260-21		G8010537.D
B-20 (0-4)	24C1260-22		G8010538.D
B-21 (0-4)	24C1260-23		G8010539.D
B-22 (1-5)	24C1260-25		G8010541.D
B-22 (5-9)	24C1260-26		G8010542.D
B-23 (1-5)	24C1260-27		G8010543.D
B-24 (4-6)	24C1260-28		G8010544.D
B-25 (1-5)	24C1260-29		G8010545.D
B-26 (1-5)	24C1260-30		G8010546.D
Calibration Check	S4C2244-CCV6		G8010547.D
B-26 (8-10)	24C1260-31		G8010548.D
B-27 (0-4)	24C1260-32		G8010549.D
Matrix Spike	BC41545-MS1	B-17 (0-4)	G8010556.D
Matrix Spike Dup	BC41545-MSD1	B-17 (0-4)	G8010557.D

4.0 Analysis Issues

Calibration Check	S4C2244-CCV7		G8010558.D
B-29 (9-10)	24C1260-35		G8010560.D
B-30 (9-10)	24C1260-37		G8010561.D
B-31 (9-10)	24C1260-39		G8010562.D
B-37 (13-15)	24C1260-46		G8010563.D
Blank	BC41631-BLK1		G8010567.D
LCS	BC41631-BS1		G8010568.D
Calibration Check	S4C2244-CCV8		G8010573.D
B-4 (0-4)	24C1260-04		G8010574.D
B-5 (0-3)	24C1260-05		G8010575.D
B-10 (0-3)	24C1260-12		G8010577.D
B-7 (0-2)	24C1260-07		G8010578.D
B-7 (8-10)	24C1260-08		G8010579.D
B-7 (8-10) D	24C1260-09		G8010580.D
B-8 (0-3)	24C1260-10		G8010581.D
B-9 (1-3)	24C1260-11		G8010582.D
Calibration Check	S4C2244-CCV9		G8010583.D
Calibration Check	S4C2635-CCV1		G8010590.D
B-11 (1-4)	24C1260-13		G8010591.D
B-12 (1-4)	24C1260-14		G8010592.D
B-13 (1-4)	24C1260-15		G8010593.D
B-14 (1-4)	24C1260-16		G8010594.D
B-15 (4-6)	24C1260-17		G8010595.D
B-16 (1-5)	24C1260-18		G8010596.D
Matrix Spike	BC41631-MS1	B-2 (1-3)	G8010597.D
Matrix Spike Dup	BC41631-MSD1	B-2 (1-3)	G8010598.D
Calibration Check	S4C2635-CCV2		G8010599.D
B-2 (1-3)	24C1260-02		G8010600.D
B-21 (9-10)	24C1260-24		G8010601.D
B-3 (0-2)	24C1260-03		G8010602.D
Calibration Check	S4C2635-CCV3		G8010607.D
Blank	BC41738-BLK1		G8010608.D
LCS	BC41738-BS1		G8010609.D
B-1 (1-3)	24C1260-01		G8010610.D
Calibration Check	S4C2635-CCV4		G8010618.D
Blank	BC41814-BLK1		G8010621.D
LCS	BC41814-BS1		G8010622.D
Calibration Check	S4C2635-CCV5		G8010629.D
Calibration Check	S4C2635-CCV6		G8010639.D
B-6 (0-3)	24C1260-06		G8010640.D
Calibration Check	S4C2635-CCV7		G8010650.D
B-38 (10-12)	24C1260-47		G8010658.D
B-39 (9-10)	24C1260-48		G8010659.D
Calibration Check	S4C2635-CCV8		G8010660.D
Calibration Check	S4C2635-CCV9		G8010671.D
Calibration Check	S4C2635-CCVA		G8010682.D

4.0 Analysis Issues

Calibration Check	S4C2635-CCVB	G8010685.D

CT DEP ETPH

Initial Calibration Verification-

The initial calibration verification for analytical method CT DEP ETPH

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA40030	S4C2244	S4C2244-CCV1	G8010492.D	03/21/24 10:41
SA40030	S4C2244	S4C2244-CCV2	G8010503.D	03/21/24 17:41
SA40030	S4C2244	S4C2244-CCV3	G8010514.D	03/22/24 00:42
SA40030	S4C2244	S4C2244-CCV4	G8010525.D	03/22/24 07:42
SA40030	S4C2244	S4C2244-CCV5	G8010536.D	03/22/24 14:43
SA40030	S4C2244	S4C2244-CCV6	G8010547.D	03/22/24 21:47
SA40030	S4C2244	S4C2244-CCV7	G8010558.D	03/23/24 04:48
SA40030	S4C2244	S4C2244-CCV8	G8010573.D	03/23/24 12:28
SA40030	S4C2244	S4C2244-CCV9	G8010583.D	03/23/24 18:53
SA40030	S4C2635	S4C2635-CCV1	G8010590.D	03/25/24 19:22
SA40030	S4C2635	S4C2635-CCV2	G8010599.D	03/26/24 01:06
SA40030	S4C2635	S4C2635-CCV3	G8010607.D	03/26/24 06:12
SA40030	S4C2635	S4C2635-CCV4	G8010618.D	03/26/24 13:24
SA40030	S4C2635	S4C2635-CCV5	G8010629.D	03/26/24 20:25
SA40030	S4C2635	S4C2635-CCV6	G8010639.D	03/27/24 02:48
SA40030	S4C2635	S4C2635-CCV7	G8010650.D	03/27/24 09:48
SA40030	S4C2635	S4C2635-CCV8	G8010660.D	03/27/24 16:11
SA40030	S4C2635	S4C2635-CCV9	G8010671.D	03/27/24 23:12
SA40030	S4C2635	S4C2635-CCVA	G8010682.D	03/28/24 06:13
SA40030	S4C2635	S4C2635-CCVB	G8010685.D	03/28/24 08:07

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

CT DEP ETPH

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
GC	BC41499	S4C2244	HP FID 3	BC41499-BLK1	G8010504.D
GC	BC41545	S4C2244	HP FID 3	BC41545-BLK1	G8010532.D
GC	BC41631	S4C2244	HP FID 3	BC41631-BLK1	G8010567.D
GC	BC41738	S4C2635	HP FID 3	BC41738-BLK1	G8010608.D
GC	BC41814	S4C2635	HP FID 3	BC41814-BLK1	G8010621.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA40030	4C2244	BC41499-BS1	LCS	G8010505.D
SA40030	4C2244	BC41545-BS1	LCS	G8010533.D
SA40030	4C2244	BC41631-BS1	LCS	G8010568.D
SA40030	4C2635	BC41738-BS1	LCS	G8010609.D
SA40030	4C2635	BC41814-BS1	LCS	G8010622.D

York Analytical Work Order Narrative

CT DEP ETPH

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
GC	**SA40030**	BC41545	S4C2244	B-17 (0-4)MS1	24C1260-19	B-17 (0-4)	BC41545-MS1
GC	**SA40030**	BC41545	S4C2244	B-17 (0-4)MSD1	24C1260-19	B-17 (0-4)	BC41545-MSD1
GC	**SA40030**	BC41631	S4C2635	B-2 (1-3)MS1	24C1260-02	B-2 (1-3)	BC41631-MS1
GC	**SA40030**	BC41631	S4C2635	B-2 (1-3)MSD1	24C1260-02	B-2 (1-3)	BC41631-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S4C2244	B-17 (0-4)	BC41545-MSD1	ETPH (Extractable Total Petroleum Hydrocarbons)	mg/kg dry	81.0	198	46.8	50 - 150	30
S4C2635	B-2 (1-3)	BC41631-MS1	ETPH (Extractable Total Petroleum Hydrocarbons)	mg/kg dry		36.4		50 - 150	
S4C2635	B-2 (1-3)	BC41631-MSD1	ETPH (Extractable Total Petroleum Hydrocarbons)	mg/kg dry	36.4	36.8	0.446	50 - 150	30

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S4C2244	B-17 (0-4)MSD1	24C1260-19	BC41545-MSD1	ETPH (Extractable Total Petroleum Hydrocarbons)	46.8	30	QM-05

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
CT DEP ETPH	BC41545	B-21 (9-10)	24C1260-24	20
CT DEP ETPH	BC41499	B-29 (9-10)	24C1260-35	50
CT DEP ETPH	BC41499	B-30 (9-10)	24C1260-37	50
CT DEP ETPH	BC41499	B-31 (9-10)	24C1260-39	10
CT DEP ETPH	BC41499	B-37 (13-15)	24C1260-46	20
CT DEP ETPH	BC41499	B-38 (10-12)	24C1260-47	20
CT DEP ETPH	BC41499	B-39 (9-10)	24C1260-48	50

CT DEP ETPH

Internal Standards / Surrogates

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 6010D

Arsenic by EPA 6010

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Arsenic by EPA 6010

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Arsenic by EPA 6010	S4C2807	S4C2807	Initial Cal Check	S4C2807-ICV1	AvioICP	QBICP2-032724ARE_1-001
Arsenic by EPA 6010	S4C2807	S4C2807	Initial Cal Blank	S4C2807-ICB1	AvioICP	QBICP2-032724ARE_1-002
Arsenic by EPA 6010	S4C2807	S4C2807	Instrument RL Check	S4C2807-CRL1	AvioICP	QBICP2-032724ARE_1-003
Arsenic by EPA 6010	S4C2807	S4C2807	Interference Check A	S4C2807-IFA1	AvioICP	QBICP2-032724ARE_1-005
Arsenic by EPA 6010	S4C2807	S4C2807	Interference Check B	S4C2807-IFB1	AvioICP	QBICP2-032724ARE_1-006
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCV1	AvioICP	QBICP2-032724ARE_1-007
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCB1	AvioICP	QBICP2-032724ARE_1-008
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVD	AvioICP	QBICP2-032724ARE_1-151
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBD	AvioICP	QBICP2-032724ARE_1-152
Arsenic by EPA 6010	BC41775	S4C2807	Blank	BC41775-BLK1	AvioICP	QBICP2-032724ARE_1-158
Arsenic by EPA 6010	BC41775	S4C2807	Reference	BC41775-SRM1	AvioICP	QBICP2-032724ARE_1-159
Arsenic by EPA 6010	BC41775	S4C2807	B-32 (0-2)	24C1260-40	AvioICP	QBICP2-032724ARE_1-160
Arsenic by EPA 6010	BC41775	S4C2807	B-33 (0-2)	24C1260-41	AvioICP	QBICP2-032724ARE_1-161
Arsenic by EPA 6010	BC41775	S4C2807	B-34 (1-5)	24C1260-42	AvioICP	QBICP2-032724ARE_1-162
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVE	AvioICP	QBICP2-032724ARE_1-163
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBE	AvioICP	QBICP2-032724ARE_1-164
Arsenic by EPA 6010	BC41775	S4C2807	B-35 (1-5)	24C1260-43	AvioICP	QBICP2-032724ARE_1-165
Arsenic by EPA 6010	BC41775	S4C2807	B-36 (2-5)	24C1260-44	AvioICP	QBICP2-032724ARE_1-166
Arsenic by EPA 6010	BC41775	S4C2807	B-37 (9-10)	24C1260-45	AvioICP	QBICP2-032724ARE_1-167
Arsenic by EPA 6010	BC41775	S4C2807	B-37 (13-15)	24C1260-46	AvioICP	QBICP2-032724ARE_1-168
Arsenic by EPA 6010	BC41775	S4C2807	B-38 (10-12)	24C1260-47	AvioICP	QBICP2-032724ARE_1-169
Arsenic by EPA 6010	BC41775	S4C2807	B-39 (9-10)	24C1260-48	AvioICP	QBICP2-032724ARE_1-170
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVF	AvioICP	QBICP2-032724ARE_1-175
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBF	AvioICP	QBICP2-032724ARE_1-176
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVG	AvioICP	QBICP2-032724ARE_1-187
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBG	AvioICP	QBICP2-032724ARE_1-188
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVH	AvioICP	QBICP2-032724ARE_1-199
Arsenic by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBH	AvioICP	QBICP2-032724ARE_1-200
Arsenic by EPA 6010	S4C2814	S4C2814	Initial Cal Check	S4C2814-ICV1	AvioICP	QBICP2-032724ARE_1-001
Arsenic by EPA 6010	S4C2814	S4C2814	Initial Cal Blank	S4C2814-ICB1	AvioICP	QBICP2-032724ARE_1-002
Arsenic by EPA 6010	S4C2814	S4C2814	Instrument RL Check	S4C2814-CRL1	AvioICP	QBICP2-032724ARE_1-003
Arsenic by EPA 6010	S4C2814	S4C2814	Interference Check A	S4C2814-IFA1	AvioICP	QBICP2-032724ARE_1-005

4.0 Analysis Issues

Arsenic by EPA 6010	S4C2814	S4C2814	Interference Check B	S4C2814-IFB1	AvioICP	QBICP2-032724ARE_1-006
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCV1	AvioICP	QBICP2-032724ARE_1-007
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCB1	AvioICP	QBICP2-032724ARE_1-008
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCVB	AvioICP	QBICP2-032724ARE_1-127
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCBB	AvioICP	QBICP2-032724ARE_1-128
Arsenic by EPA 6010	BC41860	S4C2814	Blank	BC41860-BLK1	AvioICP	QBICP2-032724ARE_1-129
Arsenic by EPA 6010	BC41860	S4C2814	Reference	BC41860-SRM1	AvioICP	QBICP2-032724ARE_1-130
Arsenic by EPA 6010	BC41860	S4C2814	B-20 (0-4)	24C1260-22	AvioICP	QBICP2-032724ARE_1-131
Arsenic by EPA 6010	BC41860	S4C2814	B-21 (0-4)	24C1260-23	AvioICP	QBICP2-032724ARE_1-132
Arsenic by EPA 6010	BC41860	S4C2814	B-21 (9-10)	24C1260-24	AvioICP	QBICP2-032724ARE_1-133
Arsenic by EPA 6010	BC41860	S4C2814	B-22 (1-5)	24C1260-25	AvioICP	QBICP2-032724ARE_1-134
Arsenic by EPA 6010	BC41860	S4C2814	B-22 (5-9)	24C1260-26	AvioICP	QBICP2-032724ARE_1-135
Arsenic by EPA 6010	BC41860	S4C2814	B-23 (1-5)	24C1260-27	AvioICP	QBICP2-032724ARE_1-136
Arsenic by EPA 6010	BC41860	S4C2814	B-24 (4-6)	24C1260-28	AvioICP	QBICP2-032724ARE_1-137
Arsenic by EPA 6010	BC41860	S4C2814	B-25 (1-5)	24C1260-29	AvioICP	QBICP2-032724ARE_1-138
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCVC	AvioICP	QBICP2-032724ARE_1-139
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCBC	AvioICP	QBICP2-032724ARE_1-140
Arsenic by EPA 6010	BC41860	S4C2814	B-26 (1-5)	24C1260-30	AvioICP	QBICP2-032724ARE_1-141
Arsenic by EPA 6010	BC41860	S4C2814	B-26 (8-10)	24C1260-31	AvioICP	QBICP2-032724ARE_1-142
Arsenic by EPA 6010	BC41860	S4C2814	B-27 (0-4)	24C1260-32	AvioICP	QBICP2-032724ARE_1-143
Arsenic by EPA 6010	BC41860	S4C2814	B-28 (1-5)	24C1260-33	AvioICP	QBICP2-032724ARE_1-144
Arsenic by EPA 6010	BC41860	S4C2814	B-29 (1-5)	24C1260-34	AvioICP	QBICP2-032724ARE_1-145
Arsenic by EPA 6010	BC41860	S4C2814	B-29 (9-10)	24C1260-35	AvioICP	QBICP2-032724ARE_1-146
Arsenic by EPA 6010	BC41860	S4C2814	B-30 (0-2)	24C1260-36	AvioICP	QBICP2-032724ARE_1-147
Arsenic by EPA 6010	BC41860	S4C2814	B-30 (9-10)	24C1260-37	AvioICP	QBICP2-032724ARE_1-148
Arsenic by EPA 6010	BC41860	S4C2814	B-31 (1-5)	24C1260-38	AvioICP	QBICP2-032724ARE_1-149
Arsenic by EPA 6010	BC41860	S4C2814	B-31 (9-10)	24C1260-39	AvioICP	QBICP2-032724ARE_1-150
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCVD	AvioICP	QBICP2-032724ARE_1-151
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCBD	AvioICP	QBICP2-032724ARE_1-152
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCVE	AvioICP	QBICP2-032724ARE_1-163
Arsenic by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCBE	AvioICP	QBICP2-032724ARE_1-164
Arsenic by EPA 6010	S4C2824	S4C2824	Initial Cal Check	S4C2824-ICV1	AvioICP	QBICP2-032824ARE_1-001
Arsenic by EPA 6010	S4C2824	S4C2824	Initial Cal Blank	S4C2824-ICB1	AvioICP	QBICP2-032824ARE_1-002
Arsenic by EPA 6010	S4C2824	S4C2824	Instrument RL Check	S4C2824-CRL1	AvioICP	QBICP2-032824ARE_1-003
Arsenic by EPA 6010	S4C2824	S4C2824	Interference Check A	S4C2824-IFA1	AvioICP	QBICP2-032824ARE_1-005
Arsenic by EPA 6010	S4C2824	S4C2824	Interference Check B	S4C2824-IFB1	AvioICP	QBICP2-032824ARE_1-006
Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV1	AvioICP	QBICP2-032824ARE_1-007
Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB1	AvioICP	QBICP2-032824ARE_1-008
Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV3	AvioICP	QBICP2-032824ARE_1-031

4.0 Analysis Issues

Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB3	AvioICP	QBICP2-032824ARE_1-032
Arsenic by EPA 6010	BC41954	S4C2824	Blank	BC41954-BLK1	AvioICP	QBICP2-032824ARE_1-035
Arsenic by EPA 6010	BC41954	S4C2824	Reference	BC41954-SRM1	AvioICP	QBICP2-032824ARE_1-036
Arsenic by EPA 6010	BC41954	S4C2824	B-5 (0-3)	24C1260-05	AvioICP	QBICP2-032824ARE_1-038
Arsenic by EPA 6010	BC41954	S4C2824	B-6 (0-3)	24C1260-06	AvioICP	QBICP2-032824ARE_1-039
Arsenic by EPA 6010	BC41954	S4C2824	B-7 (0-2)	24C1260-07	AvioICP	QBICP2-032824ARE_1-040
Arsenic by EPA 6010	BC41954	S4C2824	B-7 (8-10)	24C1260-08	AvioICP	QBICP2-032824ARE_1-041
Arsenic by EPA 6010	BC41954	S4C2824	B-7 (8-10) D	24C1260-09	AvioICP	QBICP2-032824ARE_1-042
Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV4	AvioICP	QBICP2-032824ARE_1-043
Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB4	AvioICP	QBICP2-032824ARE_1-044
Arsenic by EPA 6010	BC41954	S4C2824	B-8 (0-3)	24C1260-10	AvioICP	QBICP2-032824ARE_1-045
Arsenic by EPA 6010	BC41954	S4C2824	B-9 (1-3)	24C1260-11	AvioICP	QBICP2-032824ARE_1-046
Arsenic by EPA 6010	BC41954	S4C2824	B-10 (0-3)	24C1260-12	AvioICP	QBICP2-032824ARE_1-047
Arsenic by EPA 6010	BC41954	S4C2824	B-11 (1-4)	24C1260-13	AvioICP	QBICP2-032824ARE_1-048
Arsenic by EPA 6010	BC41954	S4C2824	B-12 (1-4)	24C1260-14	AvioICP	QBICP2-032824ARE_1-049
Arsenic by EPA 6010	BC41954	S4C2824	B-13 (1-4)	24C1260-15	AvioICP	QBICP2-032824ARE_1-050
Arsenic by EPA 6010	BC41954	S4C2824	B-14 (1-4)	24C1260-16	AvioICP	QBICP2-032824ARE_1-051
Arsenic by EPA 6010	BC41954	S4C2824	B-15 (4-6)	24C1260-17	AvioICP	QBICP2-032824ARE_1-052
Arsenic by EPA 6010	BC41954	S4C2824	B-16 (1-5)	24C1260-18	AvioICP	QBICP2-032824ARE_1-053
Arsenic by EPA 6010	BC41954	S4C2824	B-17 (0-4)	24C1260-19	AvioICP	QBICP2-032824ARE_1-054
Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV5	AvioICP	QBICP2-032824ARE_1-055
Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB5	AvioICP	QBICP2-032824ARE_1-056
Arsenic by EPA 6010	BC41954	S4C2824	B-18 (0-4)	24C1260-20	AvioICP	QBICP2-032824ARE_1-057
Arsenic by EPA 6010	BC41954	S4C2824	B-19 (0-4)	24C1260-21	AvioICP	QBICP2-032824ARE_1-058
Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV6	AvioICP	QBICP2-032824ARE_1-067
Arsenic by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB6	AvioICP	QBICP2-032824ARE_1-068
Arsenic by EPA 6010	S4C2839	S4C2839	Initial Cal Check	S4C2839-ICV1	AvioICP	QBICP2-032824ARE_1-001
Arsenic by EPA 6010	S4C2839	S4C2839	Initial Cal Blank	S4C2839-ICB1	AvioICP	QBICP2-032824ARE_1-002
Arsenic by EPA 6010	S4C2839	S4C2839	Instrument RL Check	S4C2839-CRL1	AvioICP	QBICP2-032824ARE_1-003
Arsenic by EPA 6010	S4C2839	S4C2839	Interference Check A	S4C2839-IFA1	AvioICP	QBICP2-032824ARE_1-005
Arsenic by EPA 6010	S4C2839	S4C2839	Interference Check B	S4C2839-IFB1	AvioICP	QBICP2-032824ARE_1-006
Arsenic by EPA 6010	S4C2839	S4C2839	Calibration Check	S4C2839-CCV1	AvioICP	QBICP2-032824ARE_1-007
Arsenic by EPA 6010	S4C2839	S4C2839	Calibration Blank	S4C2839-CCB1	AvioICP	QBICP2-032824ARE_1-008
Arsenic by EPA 6010	S4C2839	S4C2839	Calibration Check	S4C2839-CCV8	AvioICP	QBICP2-032824ARE_1-091
Arsenic by EPA 6010	S4C2839	S4C2839	Calibration Blank	S4C2839-CCB8	AvioICP	QBICP2-032824ARE_1-092
Arsenic by EPA 6010	BC41955	S4C2839	Blank	BC41955-BLK1	AvioICP	QBICP2-032824ARE_1-096
Arsenic by EPA 6010	BC41955	S4C2839	Reference	BC41955-SRM1	AvioICP	QBICP2-032824ARE_1-097
Arsenic by EPA 6010	BC41955	S4C2839	B-1 (1-3)	24C1260-01	AvioICP	QBICP2-032824ARE_1-099
Arsenic by EPA 6010	BC41955	S4C2839	B-2 (1-3)	24C1260-02	AvioICP	QBICP2-032824ARE_1-100

4.0 Analysis Issues

Arsenic by EPA 6010	BC41955	S4C2839	B-3 (0-2)	24C1260-03	AvioICP	QBICP2-032824ARE_1-101
Arsenic by EPA 6010	BC41955	S4C2839	B-4 (0-4)	24C1260-04	AvioICP	QBICP2-032824ARE_1-102
Arsenic by EPA 6010	S4C2839	S4C2839	Calibration Check	S4C2839-CCV9	AvioICP	QBICP2-032824ARE_1-103
Arsenic by EPA 6010	S4C2839	S4C2839	Calibration Blank	S4C2839-CCB9	AvioICP	QBICP2-032824ARE_1-104
Arsenic by EPA 6010	S4C2920	S4C2920	Initial Cal Check	S4C2920-ICV1	AvioICP	QBICP2-032824ARE_1-001
Arsenic by EPA 6010	S4C2920	S4C2920	Initial Cal Blank	S4C2920-ICB1	AvioICP	QBICP2-032824ARE_1-002
Arsenic by EPA 6010	S4C2920	S4C2920	Instrument RL Check	S4C2920-CRL1	AvioICP	QBICP2-032824ARE_1-003
Arsenic by EPA 6010	S4C2920	S4C2920	Interference Check A	S4C2920-IFA1	AvioICP	QBICP2-032824ARE_1-005
Arsenic by EPA 6010	S4C2920	S4C2920	Interference Check B	S4C2920-IFB1	AvioICP	QBICP2-032824ARE_1-006
Arsenic by EPA 6010	S4C2920	S4C2920	Calibration Check	S4C2920-CCV1	AvioICP	QBICP2-032824ARE_1-007
Arsenic by EPA 6010	S4C2920	S4C2920	Calibration Blank	S4C2920-CCB1	AvioICP	QBICP2-032824ARE_1-008
Arsenic by EPA 6010	S4C2920	S4C2920	Calibration Check	S4C2920-CCVE	AvioICP	QBICP2-032824ARE_1-163
Arsenic by EPA 6010	S4C2920	S4C2920	Calibration Blank	S4C2920-CCBE	AvioICP	QBICP2-032824ARE_1-164
Arsenic by EPA 6010	S4C2920	S4C2920	Calibration Check	S4C2920-CCVF	AvioICP	QBICP2-032824ARE_1-175
Arsenic by EPA 6010	S4C2920	S4C2920	Calibration Blank	S4C2920-CCBF	AvioICP	QBICP2-032824ARE_1-176
Arsenic by EPA 6010	S4C2920	S4C2920	Calibration Check	S4C2920-CCVG	AvioICP	QBICP2-032824ARE_1-187
Arsenic by EPA 6010	S4C2920	S4C2920	Calibration Blank	S4C2920-CCBG	AvioICP	QBICP2-032824ARE_1-188

Initial calibration for EPA 6010D met method guidelines.

York Analytical Work Order Narrative

EPA 6010D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6010D

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Arsenic by EPA 6010	S4C2807	S4C2807-CCV1	QBICP2-032724ARE_1-007	03/27/24 10:49
Arsenic by EPA 6010	S4C2807	S4C2807-CCVD	QBICP2-032724ARE_1-151	03/27/24 17:59
Arsenic by EPA 6010	S4C2807	S4C2807-CCVE	QBICP2-032724ARE_1-163	03/27/24 18:34
Arsenic by EPA 6010	S4C2807	S4C2807-CCVF	QBICP2-032724ARE_1-175	03/27/24 19:08
Arsenic by EPA 6010	S4C2807	S4C2807-CCVG	QBICP2-032724ARE_1-187	03/27/24 19:41
Arsenic by EPA 6010	S4C2807	S4C2807-CCVH	QBICP2-032724ARE_1-199	03/27/24 20:17
Arsenic by EPA 6010	S4C2807	S4C2807-ICV1	QBICP2-032724ARE_1-001	03/27/24 10:30
Arsenic by EPA 6010	S4C2814	S4C2814-CCV1	QBICP2-032724ARE_1-007	03/27/24 10:49
Arsenic by EPA 6010	S4C2814	S4C2814-CCVB	QBICP2-032724ARE_1-127	03/27/24 16:46
Arsenic by EPA 6010	S4C2814	S4C2814-CCVC	QBICP2-032724ARE_1-139	03/27/24 17:23
Arsenic by EPA 6010	S4C2814	S4C2814-CCVD	QBICP2-032724ARE_1-151	03/27/24 17:59
Arsenic by EPA 6010	S4C2814	S4C2814-CCVE	QBICP2-032724ARE_1-163	03/27/24 18:34
Arsenic by EPA 6010	S4C2814	S4C2814-ICV1	QBICP2-032724ARE_1-001	03/27/24 10:30
Arsenic by EPA 6010	S4C2824	S4C2824-CCV1	QBICP2-032824ARE_1-007	03/28/24 10:44
Arsenic by EPA 6010	S4C2824	S4C2824-CCV3	QBICP2-032824ARE_1-031	03/28/24 11:47
Arsenic by EPA 6010	S4C2824	S4C2824-CCV4	QBICP2-032824ARE_1-043	03/28/24 12:23
Arsenic by EPA 6010	S4C2824	S4C2824-CCV5	QBICP2-032824ARE_1-055	03/28/24 12:54
Arsenic by EPA 6010	S4C2824	S4C2824-CCV6	QBICP2-032824ARE_1-067	03/28/24 13:24
Arsenic by EPA 6010	S4C2824	S4C2824-ICV1	QBICP2-032824ARE_1-001	03/28/24 10:29
Arsenic by EPA 6010	S4C2839	S4C2839-CCV1	QBICP2-032824ARE_1-007	03/28/24 10:44
Arsenic by EPA 6010	S4C2839	S4C2839-CCV8	QBICP2-032824ARE_1-091	03/28/24 14:35
Arsenic by EPA 6010	S4C2839	S4C2839-CCV9	QBICP2-032824ARE_1-103	03/28/24 15:12
Arsenic by EPA 6010	S4C2839	S4C2839-ICV1	QBICP2-032824ARE_1-001	03/28/24 10:29
Arsenic by EPA 6010	S4C2920	S4C2920-CCV1	QBICP2-032824ARE_1-007	03/28/24 10:44
Arsenic by EPA 6010	S4C2920	S4C2920-CCVE	QBICP2-032824ARE_1-163	03/28/24 18:02
Arsenic by EPA 6010	S4C2920	S4C2920-CCVF	QBICP2-032824ARE_1-175	03/28/24 18:33
Arsenic by EPA 6010	S4C2920	S4C2920-CCVG	QBICP2-032824ARE_1-187	03/28/24 19:09
Arsenic by EPA 6010	S4C2920	S4C2920-ICV1	QBICP2-032824ARE_1-001	03/28/24 10:29

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 6010D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
METALS	BC41775	S4C2807	AvioICP	BC41775-BLK1	QBICP2-032724ARE_1-158
METALS	BC41860	S4C2814	AvioICP	BC41860-BLK1	QBICP2-032724ARE_1-129
METALS	BC41954	S4C2824	AvioICP	BC41954-BLK1	QBICP2-032824ARE_1-035
METALS	BC41955	S4C2839	AvioICP	BC41955-BLK1	QBICP2-032824ARE_1-096

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Arsenic by EPA 6010	4C2807	BC41775-SRM1	Reference	QBICP2-032724ARE_1-159
Arsenic by EPA 6010	4C2814	BC41860-SRM1	Reference	QBICP2-032724ARE_1-130
Arsenic by EPA 6010	4C2824	BC41954-SRM1	Reference	QBICP2-032824ARE_1-036
Arsenic by EPA 6010	4C2839	BC41955-SRM1	Reference	QBICP2-032824ARE_1-097

EPA 6010D

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 6010D

Lead by EPA 6010

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Lead by EPA 6010

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Lead by EPA 6010	S4C2807	S4C2807	Initial Cal Check	S4C2807-ICV1	AvioICP	QBICP2-032724ARE_1-001
Lead by EPA 6010	S4C2807	S4C2807	Initial Cal Blank	S4C2807-ICB1	AvioICP	QBICP2-032724ARE_1-002
Lead by EPA 6010	S4C2807	S4C2807	Instrument RL Check	S4C2807-CRL1	AvioICP	QBICP2-032724ARE_1-003
Lead by EPA 6010	S4C2807	S4C2807	Interference Check A	S4C2807-IFA1	AvioICP	QBICP2-032724ARE_1-005
Lead by EPA 6010	S4C2807	S4C2807	Interference Check B	S4C2807-IFB1	AvioICP	QBICP2-032724ARE_1-006
Lead by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCV1	AvioICP	QBICP2-032724ARE_1-007
Lead by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCB1	AvioICP	QBICP2-032724ARE_1-008
Lead by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVD	AvioICP	QBICP2-032724ARE_1-151
Lead by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBD	AvioICP	QBICP2-032724ARE_1-152
Lead by EPA 6010	BC41775	S4C2807	Blank	BC41775-BLK1	AvioICP	QBICP2-032724ARE_1-158
Lead by EPA 6010	BC41775	S4C2807	Reference	BC41775-SRM1	AvioICP	QBICP2-032724ARE_1-159
Lead by EPA 6010	BC41775	S4C2807	B-32 (0-2)	24C1260-40	AvioICP	QBICP2-032724ARE_1-160
Lead by EPA 6010	BC41775	S4C2807	B-33 (0-2)	24C1260-41	AvioICP	QBICP2-032724ARE_1-161
Lead by EPA 6010	BC41775	S4C2807	B-34 (1-5)	24C1260-42	AvioICP	QBICP2-032724ARE_1-162
Lead by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVE	AvioICP	QBICP2-032724ARE_1-163
Lead by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBE	AvioICP	QBICP2-032724ARE_1-164
Lead by EPA 6010	BC41775	S4C2807	B-35 (1-5)	24C1260-43	AvioICP	QBICP2-032724ARE_1-165
Lead by EPA 6010	BC41775	S4C2807	B-36 (2-5)	24C1260-44	AvioICP	QBICP2-032724ARE_1-166
Lead by EPA 6010	BC41775	S4C2807	B-37 (9-10)	24C1260-45	AvioICP	QBICP2-032724ARE_1-167
Lead by EPA 6010	BC41775	S4C2807	B-37 (13-15)	24C1260-46	AvioICP	QBICP2-032724ARE_1-168
Lead by EPA 6010	BC41775	S4C2807	B-38 (10-12)	24C1260-47	AvioICP	QBICP2-032724ARE_1-169
Lead by EPA 6010	BC41775	S4C2807	B-39 (9-10)	24C1260-48	AvioICP	QBICP2-032724ARE_1-170
Lead by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVF	AvioICP	QBICP2-032724ARE_1-175
Lead by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBF	AvioICP	QBICP2-032724ARE_1-176
Lead by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVG	AvioICP	QBICP2-032724ARE_1-187
Lead by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBG	AvioICP	QBICP2-032724ARE_1-188
Lead by EPA 6010	S4C2807	S4C2807	Calibration Check	S4C2807-CCVH	AvioICP	QBICP2-032724ARE_1-199
Lead by EPA 6010	S4C2807	S4C2807	Calibration Blank	S4C2807-CCBH	AvioICP	QBICP2-032724ARE_1-200
Lead by EPA 6010	S4C2814	S4C2814	Initial Cal Check	S4C2814-ICV1	AvioICP	QBICP2-032724ARE_1-001
Lead by EPA 6010	S4C2814	S4C2814	Initial Cal Blank	S4C2814-ICB1	AvioICP	QBICP2-032724ARE_1-002
Lead by EPA 6010	S4C2814	S4C2814	Instrument RL Check	S4C2814-CRL1	AvioICP	QBICP2-032724ARE_1-003
Lead by EPA 6010	S4C2814	S4C2814	Interference Check A	S4C2814-IFA1	AvioICP	QBICP2-032724ARE_1-005
Lead by EPA 6010	S4C2814	S4C2814	Interference Check B	S4C2814-IFB1	AvioICP	QBICP2-032724ARE_1-006
Lead by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCV1	AvioICP	QBICP2-032724ARE_1-007
Lead by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCB1	AvioICP	QBICP2-032724ARE_1-008
Lead by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCVB	AvioICP	QBICP2-032724ARE_1-127
Lead by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCBB	AvioICP	QBICP2-032724ARE_1-128
Lead by EPA 6010	BC41860	S4C2814	Blank	BC41860-BLK1	AvioICP	QBICP2-032724ARE_1-129

4.0 Analysis Issues

Lead by EPA 6010	BC41860	S4C2814	Reference	BC41860-SRM1	AvioICP	QBICP2-032724ARE_1-130
Lead by EPA 6010	BC41860	S4C2814	B-20 (0-4)	24C1260-22	AvioICP	QBICP2-032724ARE_1-131
Lead by EPA 6010	BC41860	S4C2814	B-21 (0-4)	24C1260-23	AvioICP	QBICP2-032724ARE_1-132
Lead by EPA 6010	BC41860	S4C2814	B-21 (9-10)	24C1260-24	AvioICP	QBICP2-032724ARE_1-133
Lead by EPA 6010	BC41860	S4C2814	B-22 (1-5)	24C1260-25	AvioICP	QBICP2-032724ARE_1-134
Lead by EPA 6010	BC41860	S4C2814	B-22 (5-9)	24C1260-26	AvioICP	QBICP2-032724ARE_1-135
Lead by EPA 6010	BC41860	S4C2814	B-23 (1-5)	24C1260-27	AvioICP	QBICP2-032724ARE_1-136
Lead by EPA 6010	BC41860	S4C2814	B-24 (4-6)	24C1260-28	AvioICP	QBICP2-032724ARE_1-137
Lead by EPA 6010	BC41860	S4C2814	B-25 (1-5)	24C1260-29	AvioICP	QBICP2-032724ARE_1-138
Lead by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCVC	AvioICP	QBICP2-032724ARE_1-139
Lead by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCBC	AvioICP	QBICP2-032724ARE_1-140
Lead by EPA 6010	BC41860	S4C2814	B-26 (1-5)	24C1260-30	AvioICP	QBICP2-032724ARE_1-141
Lead by EPA 6010	BC41860	S4C2814	B-26 (8-10)	24C1260-31	AvioICP	QBICP2-032724ARE_1-142
Lead by EPA 6010	BC41860	S4C2814	B-27 (0-4)	24C1260-32	AvioICP	QBICP2-032724ARE_1-143
Lead by EPA 6010	BC41860	S4C2814	B-28 (1-5)	24C1260-33	AvioICP	QBICP2-032724ARE_1-144
Lead by EPA 6010	BC41860	S4C2814	B-29 (1-5)	24C1260-34	AvioICP	QBICP2-032724ARE_1-145
Lead by EPA 6010	BC41860	S4C2814	B-29 (9-10)	24C1260-35	AvioICP	QBICP2-032724ARE_1-146
Lead by EPA 6010	BC41860	S4C2814	B-30 (0-2)	24C1260-36	AvioICP	QBICP2-032724ARE_1-147
Lead by EPA 6010	BC41860	S4C2814	B-30 (9-10)	24C1260-37	AvioICP	QBICP2-032724ARE_1-148
Lead by EPA 6010	BC41860	S4C2814	B-31 (1-5)	24C1260-38	AvioICP	QBICP2-032724ARE_1-149
Lead by EPA 6010	BC41860	S4C2814	B-31 (9-10)	24C1260-39	AvioICP	QBICP2-032724ARE_1-150
Lead by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCVD	AvioICP	QBICP2-032724ARE_1-151
Lead by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCBD	AvioICP	QBICP2-032724ARE_1-152
Lead by EPA 6010	S4C2814	S4C2814	Calibration Check	S4C2814-CCVE	AvioICP	QBICP2-032724ARE_1-163
Lead by EPA 6010	S4C2814	S4C2814	Calibration Blank	S4C2814-CCBE	AvioICP	QBICP2-032724ARE_1-164
Lead by EPA 6010	S4C2824	S4C2824	Initial Cal Check	S4C2824-ICV1	AvioICP	QBICP2-032824ARE_1-001
Lead by EPA 6010	S4C2824	S4C2824	Initial Cal Blank	S4C2824-ICB1	AvioICP	QBICP2-032824ARE_1-002
Lead by EPA 6010	S4C2824	S4C2824	Instrument RL Check	S4C2824-CRL1	AvioICP	QBICP2-032824ARE_1-003
Lead by EPA 6010	S4C2824	S4C2824	Interference Check A	S4C2824-IFA1	AvioICP	QBICP2-032824ARE_1-005
Lead by EPA 6010	S4C2824	S4C2824	Interference Check B	S4C2824-IFB1	AvioICP	QBICP2-032824ARE_1-006
Lead by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV1	AvioICP	QBICP2-032824ARE_1-007
Lead by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB1	AvioICP	QBICP2-032824ARE_1-008
Lead by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV3	AvioICP	QBICP2-032824ARE_1-031
Lead by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB3	AvioICP	QBICP2-032824ARE_1-032
Lead by EPA 6010	BC41954	S4C2824	Blank	BC41954-BLK1	AvioICP	QBICP2-032824ARE_1-035
Lead by EPA 6010	BC41954	S4C2824	Reference	BC41954-SRM1	AvioICP	QBICP2-032824ARE_1-036
Lead by EPA 6010	BC41954	S4C2824	B-5 (0-3)	24C1260-05	AvioICP	QBICP2-032824ARE_1-038
Lead by EPA 6010	BC41954	S4C2824	B-6 (0-3)	24C1260-06	AvioICP	QBICP2-032824ARE_1-039
Lead by EPA 6010	BC41954	S4C2824	B-7 (0-2)	24C1260-07	AvioICP	QBICP2-032824ARE_1-040
Lead by EPA 6010	BC41954	S4C2824	B-7 (8-10)	24C1260-08	AvioICP	QBICP2-032824ARE_1-041
Lead by EPA 6010	BC41954	S4C2824	B-7 (8-10) D	24C1260-09	AvioICP	QBICP2-032824ARE_1-042
Lead by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV4	AvioICP	QBICP2-032824ARE_1-043
Lead by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB4	AvioICP	QBICP2-032824ARE_1-044
Lead by EPA 6010	BC41954	S4C2824	B-8 (0-3)	24C1260-10	AvioICP	QBICP2-032824ARE_1-045
Lead by EPA 6010	BC41954	S4C2824	B-9 (1-3)	24C1260-11	AvioICP	QBICP2-032824ARE_1-046
Lead by EPA 6010	BC41954	S4C2824	B-10 (0-3)	24C1260-12	AvioICP	QBICP2-032824ARE_1-047

4.0 Analysis Issues

Lead by EPA 6010	BC41954	S4C2824	B-11 (1-4)	24C1260-13	AvioICP	QBICP2-032824ARE_1-048
Lead by EPA 6010	BC41954	S4C2824	B-12 (1-4)	24C1260-14	AvioICP	QBICP2-032824ARE_1-049
Lead by EPA 6010	BC41954	S4C2824	B-13 (1-4)	24C1260-15	AvioICP	QBICP2-032824ARE_1-050
Lead by EPA 6010	BC41954	S4C2824	B-14 (1-4)	24C1260-16	AvioICP	QBICP2-032824ARE_1-051
Lead by EPA 6010	BC41954	S4C2824	B-15 (4-6)	24C1260-17	AvioICP	QBICP2-032824ARE_1-052
Lead by EPA 6010	BC41954	S4C2824	B-16 (1-5)	24C1260-18	AvioICP	QBICP2-032824ARE_1-053
Lead by EPA 6010	BC41954	S4C2824	B-17 (0-4)	24C1260-19	AvioICP	QBICP2-032824ARE_1-054
Lead by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV5	AvioICP	QBICP2-032824ARE_1-055
Lead by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB5	AvioICP	QBICP2-032824ARE_1-056
Lead by EPA 6010	BC41954	S4C2824	B-18 (0-4)	24C1260-20	AvioICP	QBICP2-032824ARE_1-057
Lead by EPA 6010	BC41954	S4C2824	B-19 (0-4)	24C1260-21	AvioICP	QBICP2-032824ARE_1-058
Lead by EPA 6010	S4C2824	S4C2824	Calibration Check	S4C2824-CCV6	AvioICP	QBICP2-032824ARE_1-067
Lead by EPA 6010	S4C2824	S4C2824	Calibration Blank	S4C2824-CCB6	AvioICP	QBICP2-032824ARE_1-068
Lead by EPA 6010	S4C2839	S4C2839	Initial Cal Check	S4C2839-ICV1	AvioICP	QBICP2-032824ARE_1-001
Lead by EPA 6010	S4C2839	S4C2839	Initial Cal Blank	S4C2839-ICB1	AvioICP	QBICP2-032824ARE_1-002
Lead by EPA 6010	S4C2839	S4C2839	Instrument RL Check	S4C2839-CRL1	AvioICP	QBICP2-032824ARE_1-003
Lead by EPA 6010	S4C2839	S4C2839	Interference Check A	S4C2839-IFA1	AvioICP	QBICP2-032824ARE_1-005
Lead by EPA 6010	S4C2839	S4C2839	Interference Check B	S4C2839-IFB1	AvioICP	QBICP2-032824ARE_1-006
Lead by EPA 6010	S4C2839	S4C2839	Calibration Check	S4C2839-CCV1	AvioICP	QBICP2-032824ARE_1-007
Lead by EPA 6010	S4C2839	S4C2839	Calibration Blank	S4C2839-CCB1	AvioICP	QBICP2-032824ARE_1-008
Lead by EPA 6010	S4C2839	S4C2839	Calibration Check	S4C2839-CCV8	AvioICP	QBICP2-032824ARE_1-091
Lead by EPA 6010	S4C2839	S4C2839	Calibration Blank	S4C2839-CCB8	AvioICP	QBICP2-032824ARE_1-092
Lead by EPA 6010	BC41955	S4C2839	Blank	BC41955-BLK1	AvioICP	QBICP2-032824ARE_1-096
Lead by EPA 6010	BC41955	S4C2839	Reference	BC41955-SRM1	AvioICP	QBICP2-032824ARE_1-097
Lead by EPA 6010	BC41955	S4C2839	B-1 (1-3)	24C1260-01	AvioICP	QBICP2-032824ARE_1-099
Lead by EPA 6010	BC41955	S4C2839	B-2 (1-3)	24C1260-02	AvioICP	QBICP2-032824ARE_1-100
Lead by EPA 6010	BC41955	S4C2839	B-3 (0-2)	24C1260-03	AvioICP	QBICP2-032824ARE_1-101
Lead by EPA 6010	BC41955	S4C2839	B-4 (0-4)	24C1260-04	AvioICP	QBICP2-032824ARE_1-102
Lead by EPA 6010	S4C2839	S4C2839	Calibration Check	S4C2839-CCV9	AvioICP	QBICP2-032824ARE_1-103
Lead by EPA 6010	S4C2839	S4C2839	Calibration Blank	S4C2839-CCB9	AvioICP	QBICP2-032824ARE_1-104
Lead by EPA 6010	S4C2920	S4C2920	Initial Cal Check	S4C2920-ICV1	AvioICP	QBICP2-032824ARE_1-001
Lead by EPA 6010	S4C2920	S4C2920	Initial Cal Blank	S4C2920-ICB1	AvioICP	QBICP2-032824ARE_1-002
Lead by EPA 6010	S4C2920	S4C2920	Instrument RL Check	S4C2920-CRL1	AvioICP	QBICP2-032824ARE_1-003
Lead by EPA 6010	S4C2920	S4C2920	Interference Check A	S4C2920-IFA1	AvioICP	QBICP2-032824ARE_1-005
Lead by EPA 6010	S4C2920	S4C2920	Interference Check B	S4C2920-IFB1	AvioICP	QBICP2-032824ARE_1-006
Lead by EPA 6010	S4C2920	S4C2920	Calibration Check	S4C2920-CCV1	AvioICP	QBICP2-032824ARE_1-007
Lead by EPA 6010	S4C2920	S4C2920	Calibration Blank	S4C2920-CCB1	AvioICP	QBICP2-032824ARE_1-008
Lead by EPA 6010	S4C2920	S4C2920	Calibration Check	S4C2920-CCVE	AvioICP	QBICP2-032824ARE_1-163
Lead by EPA 6010	S4C2920	S4C2920	Calibration Blank	S4C2920-CCBE	AvioICP	QBICP2-032824ARE_1-164
Lead by EPA 6010	S4C2920	S4C2920	Calibration Check	S4C2920-CCVF	AvioICP	QBICP2-032824ARE_1-175
Lead by EPA 6010	S4C2920	S4C2920	Calibration Blank	S4C2920-CCBF	AvioICP	QBICP2-032824ARE_1-176
Lead by EPA 6010	S4C2920	S4C2920	Calibration Check	S4C2920-CCVG	AvioICP	QBICP2-032824ARE_1-187
Lead by EPA 6010	S4C2920	S4C2920	Calibration Blank	S4C2920-CCBG	AvioICP	QBICP2-032824ARE_1-188

4.0 Analysis Issues

Initial calibration for EPA 6010D met method guidelines.

EPA 6010D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6010D
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Lead by EPA 6010	S4C2807	S4C2807-CCV1	QBICP2-032724ARE_1-007	03/27/24 10:49
Lead by EPA 6010	S4C2807	S4C2807-CCVD	QBICP2-032724ARE_1-151	03/27/24 17:59
Lead by EPA 6010	S4C2807	S4C2807-CCVE	QBICP2-032724ARE_1-163	03/27/24 18:34
Lead by EPA 6010	S4C2807	S4C2807-CCVF	QBICP2-032724ARE_1-175	03/27/24 19:08
Lead by EPA 6010	S4C2807	S4C2807-CCVG	QBICP2-032724ARE_1-187	03/27/24 19:41
Lead by EPA 6010	S4C2807	S4C2807-CCVH	QBICP2-032724ARE_1-199	03/27/24 20:17
Lead by EPA 6010	S4C2807	S4C2807-ICV1	QBICP2-032724ARE_1-001	03/27/24 10:30
Lead by EPA 6010	S4C2814	S4C2814-CCV1	QBICP2-032724ARE_1-007	03/27/24 10:49
Lead by EPA 6010	S4C2814	S4C2814-CCVB	QBICP2-032724ARE_1-127	03/27/24 16:46
Lead by EPA 6010	S4C2814	S4C2814-CCVC	QBICP2-032724ARE_1-139	03/27/24 17:23
Lead by EPA 6010	S4C2814	S4C2814-CCVD	QBICP2-032724ARE_1-151	03/27/24 17:59
Lead by EPA 6010	S4C2814	S4C2814-CCVE	QBICP2-032724ARE_1-163	03/27/24 18:34
Lead by EPA 6010	S4C2814	S4C2814-ICV1	QBICP2-032724ARE_1-001	03/27/24 10:30
Lead by EPA 6010	S4C2824	S4C2824-CCV1	QBICP2-032824ARE_1-007	03/28/24 10:44
Lead by EPA 6010	S4C2824	S4C2824-CCV3	QBICP2-032824ARE_1-031	03/28/24 11:47
Lead by EPA 6010	S4C2824	S4C2824-CCV4	QBICP2-032824ARE_1-043	03/28/24 12:23
Lead by EPA 6010	S4C2824	S4C2824-CCV5	QBICP2-032824ARE_1-055	03/28/24 12:54
Lead by EPA 6010	S4C2824	S4C2824-CCV6	QBICP2-032824ARE_1-067	03/28/24 13:24
Lead by EPA 6010	S4C2824	S4C2824-ICV1	QBICP2-032824ARE_1-001	03/28/24 10:29
Lead by EPA 6010	S4C2839	S4C2839-CCV1	QBICP2-032824ARE_1-007	03/28/24 10:44
Lead by EPA 6010	S4C2839	S4C2839-CCV8	QBICP2-032824ARE_1-091	03/28/24 14:35
Lead by EPA 6010	S4C2839	S4C2839-CCV9	QBICP2-032824ARE_1-103	03/28/24 15:12
Lead by EPA 6010	S4C2839	S4C2839-ICV1	QBICP2-032824ARE_1-001	03/28/24 10:29
Lead by EPA 6010	S4C2920	S4C2920-CCV1	QBICP2-032824ARE_1-007	03/28/24 10:44
Lead by EPA 6010	S4C2920	S4C2920-CCVE	QBICP2-032824ARE_1-163	03/28/24 18:02
Lead by EPA 6010	S4C2920	S4C2920-CCVF	QBICP2-032824ARE_1-175	03/28/24 18:33
Lead by EPA 6010	S4C2920	S4C2920-CCVG	QBICP2-032824ARE_1-187	03/28/24 19:09
Lead by EPA 6010	S4C2920	S4C2920-ICV1	QBICP2-032824ARE_1-001	03/28/24 10:29

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 6010D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
METALS	BC41775	S4C2807	AvioICP	BC41775-BLK1	QBICP2-032724ARE_1-158
METALS	BC41860	S4C2814	AvioICP	BC41860-BLK1	QBICP2-032724ARE_1-129
METALS	BC41954	S4C2824	AvioICP	BC41954-BLK1	QBICP2-032824ARE_1-035
METALS	BC41955	S4C2839	AvioICP	BC41955-BLK1	QBICP2-032824ARE_1-096

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S4C2814	Blank	BC41860-BLK1	Soil	Lead	0.467	0.417	mg/kg wet

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BC41860	24C1260-22	B-20 (0-4)	QBICP2-032724ARE_1-131
BC41860	24C1260-23	B-21 (0-4)	QBICP2-032724ARE_1-132
BC41860	24C1260-24	B-21 (9-10)	QBICP2-032724ARE_1-133
BC41860	24C1260-25	B-22 (1-5)	QBICP2-032724ARE_1-134
BC41860	24C1260-26	B-22 (5-9)	QBICP2-032724ARE_1-135
BC41860	24C1260-27	B-23 (1-5)	QBICP2-032724ARE_1-136
BC41860	24C1260-28	B-24 (4-6)	QBICP2-032724ARE_1-137
BC41860	24C1260-29	B-25 (1-5)	QBICP2-032724ARE_1-138
BC41860	24C1260-30	B-26 (1-5)	QBICP2-032724ARE_1-141
BC41860	24C1260-31	B-26 (8-10)	QBICP2-032724ARE_1-142
BC41860	24C1260-32	B-27 (0-4)	QBICP2-032724ARE_1-143
BC41860	24C1260-33	B-28 (1-5)	QBICP2-032724ARE_1-144
BC41860	24C1260-34	B-29 (1-5)	QBICP2-032724ARE_1-145
BC41860	24C1260-35	B-29 (9-10)	QBICP2-032724ARE_1-146
BC41860	24C1260-36	B-30 (0-2)	QBICP2-032724ARE_1-147
BC41860	24C1260-37	B-30 (9-10)	QBICP2-032724ARE_1-148
BC41860	24C1260-38	B-31 (1-5)	QBICP2-032724ARE_1-149
BC41860	24C1260-39	B-31 (9-10)	QBICP2-032724ARE_1-150
BC41860	BC41860-SRM1	Reference	QBICP2-032724ARE_1-130

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Lead by EPA 6010	4C2807	BC41775-SRM1	Reference	QBICP2-032724ARE_1-159
Lead by EPA 6010	4C2814	BC41860-SRM1	Reference	QBICP2-032724ARE_1-130
Lead by EPA 6010	4C2824	BC41954-SRM1	Reference	QBICP2-032824ARE_1-036
Lead by EPA 6010	4C2839	BC41955-SRM1	Reference	QBICP2-032824ARE_1-097

York Analytical Work Order Narrative

EPA 6010D

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 6020B/1312

Lead, SPLP by EPA 6020

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Lead, SPLP by EPA 6020

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Initial Cal Check	S4D1636-ICV1	Nexion2000C	QBIMX041624B-019
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Initial Cal Blank	S4D1636-ICB1	Nexion2000C	QBIMX041624B-020
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Check	S4D1636-CCV1	Nexion2000C	QBIMX041624B-021
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Blank	S4D1636-CCB1	Nexion2000C	QBIMX041624B-022
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Instrument RL Check	S4D1636-CRL1	Nexion2000C	QBIMX041624B-023
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Interference Check A	S4D1636-IFA1	Nexion2000C	QBIMX041624B-025
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Interference Check B	S4D1636-IFB1	Nexion2000C	QBIMX041624B-026
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Check	S4D1636-CCV2	Nexion2000C	QBIMX041624B-027
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Blank	S4D1636-CCB2	Nexion2000C	QBIMX041624B-028
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Check	S4D1636-CCV3	Nexion2000C	QBIMX041624B-039
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Blank	S4D1636-CCB3	Nexion2000C	QBIMX041624B-040
Lead, SPLP by EPA 6020	BD41238	S4D1636	Blank	BD41238-BLK1	Nexion2000C	QBIMX041624B-048
Lead, SPLP by EPA 6020	BD41238	S4D1636	Leach Fluid Blank	BD41238-LBK1	Nexion2000C	QBIMX041624B-049
Lead, SPLP by EPA 6020	BD41238	S4D1636	LCS	BD41238-BS1	Nexion2000C	QBIMX041624B-050
Lead, SPLP by EPA 6020	BD41238	S4D1636	B-4 (0-4)	24C1260-04	Nexion2000C	QBIMX041624B-051
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Check	S4D1636-CCV4	Nexion2000C	QBIMX041624B-052
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Blank	S4D1636-CCB4	Nexion2000C	QBIMX041624B-053
Lead, SPLP by EPA 6020	BD41238	S4D1636	B-9 (1-3)	24C1260-11	Nexion2000C	QBIMX041624B-054
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Check	S4D1636-CCV5	Nexion2000C	QBIMX041624B-068
Lead, SPLP by EPA 6020	S4D1636	S4D1636	Calibration Blank	S4D1636-CCB5	Nexion2000C	QBIMX041624B-070

Initial calibration for EPA 6020B/1312 met method guidelines.

York Analytical Work Order Narrative

EPA 6020B/1312

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6020B/1312

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Lead, SPLP by EPA 6020	S4D1636	S4D1636-CCV1	QBIMX041624B-021	04/16/24 12:38
Lead, SPLP by EPA 6020	S4D1636	S4D1636-CCV2	QBIMX041624B-027	04/16/24 12:58
Lead, SPLP by EPA 6020	S4D1636	S4D1636-CCV3	QBIMX041624B-039	04/16/24 13:42
Lead, SPLP by EPA 6020	S4D1636	S4D1636-CCV4	QBIMX041624B-052	04/16/24 14:28
Lead, SPLP by EPA 6020	S4D1636	S4D1636-CCV5	QBIMX041624B-068	04/16/24 15:35
Lead, SPLP by EPA 6020	S4D1636	S4D1636-ICV1	QBIMX041624B-019	04/16/24 12:31

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
Lead, SPLP by EPA 6020	S4D1636-CCV3	Lead	ug/L	62.1	50.0	**124**	90	110	QBIMX041624B-039
Lead, SPLP by EPA 6020	S4D1636-CCV4	Lead	ug/L	58.4	50.0	**117**	90	110	QBIMX041624B-052
Lead, SPLP by EPA 6020	S4D1636-CCV5	Lead	ug/L	57.9	50.0	**116**	90	110	QBIMX041624B-068

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
Lead, SPLP by EPA	S4D1636	S4D1636-ICB1	Initial Cal Blank		QBIMX041624B-020
Lead, SPLP by EPA	S4D1636	S4D1636-CCB1	Calibration Blank		QBIMX041624B-022
Lead, SPLP by EPA	S4D1636	S4D1636-IFA1	Interference Check A		QBIMX041624B-025
Lead, SPLP by EPA	S4D1636	S4D1636-IFB1	Interference Check B		QBIMX041624B-026
Lead, SPLP by EPA	S4D1636	S4D1636-CCB2	Calibration Blank		QBIMX041624B-028
Lead, SPLP by EPA	S4D1636	S4D1636-CCB3	Calibration Blank		QBIMX041624B-040
Lead, SPLP by EPA	S4D1636	BD41238-BS1	LCS		QBIMX041624B-050
Lead, SPLP by EPA	S4D1636	24C1260-04	B-4 (0-4)		QBIMX041624B-051
Lead, SPLP by EPA	S4D1636	S4D1636-CCB4	Calibration Blank		QBIMX041624B-053
Lead, SPLP by EPA	S4D1636	24C1260-11	B-9 (1-3)		QBIMX041624B-054

York Analytical Work Order Narrative

EPA 6020B/1312

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
METALS	BD41238	S4D1636	Nexion2000C	BD41238-BLK1	QBIMX041624B-048

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Lead, SPLP by EPA 6020	4D1636	BD41238-BS1	LCS	QBIMX041624B-050

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S4D1636	LCS	BD41238-BS1	Lead		**121**		80 - 120	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BD41238	24C1260-04	B-4 (0-4)	
BD41238	24C1260-11	B-9 (1-3)	
S4D1636	S4D1636-ICB1	Initial Cal Blank	
S4D1636	S4D1636-IFA1	Interference Check A	
S4D1636	S4D1636-IFB1	Interference Check B	

EPA 6020B/1312

Dilutions: No sample dilutions were required.

York Analytical Laboratories, Inc.

Formulae Used for Sample Calculations

1. Volatiles in Air-ppbv

Cx (ppbv) = Compound concentration, ppbv (parts per billion by volume)

$$Cx = \frac{(Ax)(Cis)(DF)}{(Ais)(RRF)}$$

2. Volatiles in Air-ug/m³

Cx (ug/m³)= Compound concentration in ug/m³

$$Cx\ (ug/m^3) = \frac{(ppbv \times Molecular\ wt.)}{(24.040)}$$

3. Volatile Organics (water and soil), ug/L or ug/kg

Soils/Waters

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%\ solids)}$$

Medium Level Soils

$$Cx = \frac{(Ax)(IS)(VT)(1000)(DF)}{(Ais)(RRF)(VA)(V)(\%\ solids)}$$

4. Semi-Volatiles (waters and soils)

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

5. Pesticides/PCB (waters and soils), DRO, CTETPH

$$Cx = \frac{(Ax)(VE)(DF)}{(CF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

WHERE:
Cx = concentration of analyte as ug/L or ug/kg
Ax = Area of the characteristic ion for the compound to be measured, counts.
Ais = Area of the characteristic ion for the specific internal standard, counts.
IS = Concentration of the internal standard spiking mixture, ng
RRF = Mean relative response factor from the initial calibration.
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V = Volume for liquids in mL, weight for soils/solids in grams.
VA = volume of MeOH aliquot for medium level soils
VE = final volume of concentrated extract
VT = volume of MeOH for volatiles medium level soils
CF = calibration factor for external calibration used in GC pest/pcb
Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: [none] **Preparation Method:** SW846-%Solid **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-24	B-21 (9-10)	03/19/24

Batch ID: 727053A **Preparation Method:** SW3540C **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-24	B-21 (9-10)	04/16/24
CQ51805-BLK	BLK	04/16/24
CQ51805-LCS	LCS	04/16/24
CQ51805-LCSD	LCSD	04/16/24
CQ51805-MS	MS	04/16/24
CQ51805-MSD	MSD	04/16/24

Batch ID: BC41499 **Preparation Method:** EPA 3546 ETPH **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-33	B-28 (1-5)	03/21/24
24C1260-34	B-29 (1-5)	03/21/24
24C1260-35	B-29 (9-10)	03/21/24
24C1260-36	B-30 (0-2)	03/21/24
24C1260-37	B-30 (9-10)	03/21/24
24C1260-38	B-31 (1-5)	03/21/24
24C1260-39	B-31 (9-10)	03/21/24
24C1260-40	B-32 (0-2)	03/21/24
24C1260-41	B-33 (0-2)	03/21/24
24C1260-42	B-34 (1-5)	03/21/24
24C1260-43	B-35 (1-5)	03/21/24
24C1260-44	B-36 (2-5)	03/21/24
24C1260-45	B-37 (9-10)	03/21/24
24C1260-46	B-37 (13-15)	03/21/24
24C1260-47	B-38 (10-12)	03/21/24
24C1260-48	B-39 (9-10)	03/21/24
BC41499-BLK1	Blank	03/21/24
BC41499-BS1	LCS	03/21/24

Batch ID: BC41501 **Preparation Method:** EPA 3546- SVOA RCP **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-33	B-28 (1-5)	03/21/24
24C1260-34	B-29 (1-5)	03/21/24
24C1260-35	B-29 (9-10)	03/21/24
24C1260-36	B-30 (0-2)	03/21/24
24C1260-37	B-30 (9-10)	03/21/24
24C1260-38	B-31 (1-5)	03/21/24
24C1260-39	B-31 (9-10)	03/21/24

24C1260-40	B-32 (0-2)	03/21/24
24C1260-41	B-33 (0-2)	03/21/24
24C1260-42	B-34 (1-5)	03/21/24
24C1260-44RE1	B-36 (2-5)	03/21/24
24C1260-46	B-37 (13-15)	03/21/24
24C1260-47	B-38 (10-12)	03/21/24
24C1260-48	B-39 (9-10)	03/21/24
BC41501-BLK1	Blank	03/21/24
BC41501-BS1	LCS	03/21/24
BC41501-MS1	Matrix Spike	03/21/24
BC41501-MSD1	Matrix Spike Dup	03/21/24

Batch ID: BC41545 **Preparation Method:** EPA 3546 ETPH **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-19	B-17 (0-4)	03/21/24
24C1260-20	B-18 (0-4)	03/21/24
24C1260-21	B-19 (0-4)	03/21/24
24C1260-22	B-20 (0-4)	03/21/24
24C1260-23	B-21 (0-4)	03/21/24
24C1260-24	B-21 (9-10)	03/21/24
24C1260-25	B-22 (1-5)	03/21/24
24C1260-26	B-22 (5-9)	03/21/24
24C1260-27	B-23 (1-5)	03/21/24
24C1260-28	B-24 (4-6)	03/21/24
24C1260-29	B-25 (1-5)	03/21/24
24C1260-30	B-26 (1-5)	03/21/24
24C1260-31	B-26 (8-10)	03/21/24
24C1260-32	B-27 (0-4)	03/21/24
BC41545-BLK1	Blank	03/21/24
BC41545-BS1	LCS	03/21/24
BC41545-MS1	Matrix Spike	03/21/24
BC41545-MSD1	Matrix Spike Dup	03/21/24

Batch ID: BC41549 **Preparation Method:** EPA 3546- SVOA RCP **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-19	B-17 (0-4)	03/21/24
24C1260-20	B-18 (0-4)	03/21/24
24C1260-21	B-19 (0-4)	03/21/24
24C1260-22	B-20 (0-4)	03/21/24
24C1260-23	B-21 (0-4)	03/21/24
24C1260-24	B-21 (9-10)	03/21/24
24C1260-24RE1	B-21 (9-10)	03/21/24
24C1260-25	B-22 (1-5)	03/21/24
24C1260-26	B-22 (5-9)	03/21/24
24C1260-27	B-23 (1-5)	03/21/24
24C1260-28	B-24 (4-6)	03/21/24
24C1260-29	B-25 (1-5)	03/21/24
24C1260-30	B-26 (1-5)	03/21/24
24C1260-31	B-26 (8-10)	03/21/24

24C1260-32	B-27 (0-4)	03/21/24
BC41549-BLK1	Blank	03/21/24
BC41549-BS1	LCS	03/21/24
BC41549-MS1	Matrix Spike	03/21/24
BC41549-MSD1	Matrix Spike Dup	03/21/24

Batch ID: BC41603 **Preparation Method:** EPA 3546- SVOA RCP **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-01	B-1 (1-3)	03/22/24
24C1260-02	B-2 (1-3)	03/22/24
24C1260-03	B-3 (0-2)	03/22/24
24C1260-04	B-4 (0-4)	03/22/24
24C1260-04RE1	B-4 (0-4)	03/22/24
24C1260-05	B-5 (0-3)	03/22/24
24C1260-05RE1	B-5 (0-3)	03/22/24
24C1260-06	B-6 (0-3)	03/22/24
24C1260-07	B-7 (0-2)	03/22/24
24C1260-08	B-7 (8-10)	03/22/24
24C1260-09	B-7 (8-10) D	03/22/24
24C1260-10	B-8 (0-3)	03/22/24
24C1260-11	B-9 (1-3)	03/22/24
24C1260-12	B-10 (0-3)	03/22/24
24C1260-13	B-11 (1-4)	03/22/24
24C1260-14	B-12 (1-4)	03/22/24
24C1260-14RE1	B-12 (1-4)	03/22/24
24C1260-15	B-13 (1-4)	03/22/24
24C1260-16	B-14 (1-4)	03/22/24
24C1260-17	B-15 (4-6)	03/22/24
24C1260-18	B-16 (1-5)	03/22/24
BC41603-BLK1	Blank	03/22/24
BC41603-BS1	LCS	03/22/24

Batch ID: BC41631 **Preparation Method:** EPA 3546 ETPH **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-02	B-2 (1-3)	03/22/24
24C1260-03	B-3 (0-2)	03/22/24
24C1260-04	B-4 (0-4)	03/22/24
24C1260-05	B-5 (0-3)	03/22/24
24C1260-07	B-7 (0-2)	03/22/24
24C1260-08	B-7 (8-10)	03/22/24
24C1260-09	B-7 (8-10) D	03/22/24
24C1260-10	B-8 (0-3)	03/22/24
24C1260-11	B-9 (1-3)	03/22/24
24C1260-12	B-10 (0-3)	03/22/24
24C1260-13	B-11 (1-4)	03/22/24
24C1260-14	B-12 (1-4)	03/22/24
24C1260-15	B-13 (1-4)	03/22/24
24C1260-16	B-14 (1-4)	03/22/24
24C1260-17	B-15 (4-6)	03/22/24

24C1260-18	B-16 (1-5)	03/22/24
BC41631-BLK1	Blank	03/22/24
BC41631-BS1	LCS	03/22/24
BC41631-MS1	Matrix Spike	03/22/24
BC41631-MSD1	Matrix Spike Dup	03/22/24

Batch ID: BC41636 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-02	B-2 (1-3)	03/22/24
24C1260-03	B-3 (0-2)	03/22/24
24C1260-04	B-4 (0-4)	03/22/24
24C1260-05	B-5 (0-3)	03/22/24
24C1260-06	B-6 (0-3)	03/22/24
24C1260-07	B-7 (0-2)	03/22/24
24C1260-08	B-7 (8-10)	03/22/24
24C1260-09	B-7 (8-10) D	03/22/24
24C1260-10	B-8 (0-3)	03/22/24
24C1260-11	B-9 (1-3)	03/22/24
24C1260-12	B-10 (0-3)	03/22/24
24C1260-13	B-11 (1-4)	03/22/24
24C1260-14	B-12 (1-4)	03/22/24
24C1260-15	B-13 (1-4)	03/22/24
24C1260-16	B-14 (1-4)	03/22/24
24C1260-17	B-15 (4-6)	03/22/24
24C1260-18	B-16 (1-5)	03/22/24
24C1260-19	B-17 (0-4)	03/22/24
24C1260-20	B-18 (0-4)	03/22/24
BC41636-DUP1	Duplicate	03/22/24

Batch ID: BC41728 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-01	B-1 (1-3)	03/25/24
24C1260-21	B-19 (0-4)	03/25/24
24C1260-22	B-20 (0-4)	03/25/24
24C1260-23	B-21 (0-4)	03/25/24
24C1260-24	B-21 (9-10)	03/25/24
24C1260-25	B-22 (1-5)	03/25/24
24C1260-26	B-22 (5-9)	03/25/24
BC41728-DUP1	Duplicate	03/25/24

Batch ID: BC41738 **Preparation Method:** EPA 3546 ETPH **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-01	B-1 (1-3)	03/25/24
BC41738-BLK1	Blank	03/25/24
BC41738-BS1	LCS	03/25/24

Batch ID: BC41759 **Preparation Method:** EPA 5035A **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-24	B-21 (9-10)	03/25/24
24C1260-31	B-26 (8-10)	03/25/24
24C1260-35	B-29 (9-10)	03/25/24
24C1260-37	B-30 (9-10)	03/25/24
24C1260-46	B-37 (13-15)	03/25/24
BC41759-BLK1	Blank	03/25/24
BC41759-BS1	LCS	03/25/24
BC41759-BSD1	LCS Dup	03/25/24

Batch ID: BC41762 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-27	B-23 (1-5)	03/25/24
24C1260-28	B-24 (4-6)	03/25/24
24C1260-29	B-25 (1-5)	03/25/24
24C1260-30	B-26 (1-5)	03/25/24
24C1260-31	B-26 (8-10)	03/25/24
24C1260-32	B-27 (0-4)	03/25/24
24C1260-33	B-28 (1-5)	03/25/24
24C1260-34	B-29 (1-5)	03/25/24
24C1260-35	B-29 (9-10)	03/25/24
24C1260-36	B-30 (0-2)	03/25/24
24C1260-37	B-30 (9-10)	03/25/24
24C1260-38	B-31 (1-5)	03/25/24
24C1260-39	B-31 (9-10)	03/25/24
24C1260-40	B-32 (0-2)	03/25/24
24C1260-41	B-33 (0-2)	03/25/24
24C1260-42	B-34 (1-5)	03/25/24
24C1260-43	B-35 (1-5)	03/25/24
24C1260-44	B-36 (2-5)	03/25/24
24C1260-45	B-37 (9-10)	03/25/24
24C1260-46	B-37 (13-15)	03/25/24
BC41762-DUP1	Duplicate	03/25/24

Batch ID: BC41765 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-47	B-38 (10-12)	03/25/24
24C1260-48	B-39 (9-10)	03/25/24

Batch ID: BC41775 **Preparation Method:** EPA 3050B **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-40	B-32 (0-2)	03/25/24
24C1260-40	B-32 (0-2)	03/25/24
24C1260-41	B-33 (0-2)	03/25/24
24C1260-42	B-34 (1-5)	03/25/24

24C1260-43	B-35 (1-5)	03/25/24
24C1260-44	B-36 (2-5)	03/25/24
24C1260-45	B-37 (9-10)	03/25/24
24C1260-46	B-37 (13-15)	03/25/24
24C1260-47	B-38 (10-12)	03/25/24
24C1260-48	B-39 (9-10)	03/25/24
BC41775-BLK1	Blank	03/25/24
BC41775-SRM1	Reference	03/25/24

Batch ID: BC41814 **Preparation Method:** EPA 3546 ETPH **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-06	B-6 (0-3)	03/26/24
BC41814-BLK1	Blank	03/26/24
BC41814-BS1	LCS	03/26/24

Batch ID: BC41860 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-22	B-20 (0-4)	03/26/24
24C1260-23	B-21 (0-4)	03/26/24
24C1260-24	B-21 (9-10)	03/26/24
24C1260-25	B-22 (1-5)	03/26/24
24C1260-26	B-22 (5-9)	03/26/24
24C1260-27	B-23 (1-5)	03/26/24
24C1260-28	B-24 (4-6)	03/26/24
24C1260-29	B-25 (1-5)	03/26/24
24C1260-30	B-26 (1-5)	03/26/24
24C1260-31	B-26 (8-10)	03/26/24
24C1260-32	B-27 (0-4)	03/26/24
24C1260-33	B-28 (1-5)	03/26/24
24C1260-34	B-29 (1-5)	03/26/24
24C1260-35	B-29 (9-10)	03/26/24
24C1260-36	B-30 (0-2)	03/26/24
24C1260-37	B-30 (9-10)	03/26/24
24C1260-38	B-31 (1-5)	03/26/24
24C1260-39	B-31 (9-10)	03/26/24
BC41860-BLK1	Blank	03/26/24
BC41860-SRM1	Reference	03/26/24

Batch ID: BC41917 **Preparation Method:** EPA 3546- SVOA RCP **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-43	B-35 (1-5)	03/27/24
24C1260-44	B-36 (2-5)	03/27/24
24C1260-45	B-37 (9-10)	03/27/24
BC41917-BLK1	Blank	03/27/24
BC41917-BS1	LCS	03/27/24
BC41917-MS1	Matrix Spike	03/27/24
BC41917-MSD1	Matrix Spike Dup	03/27/24

Batch ID: BC41954 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-05	B-5 (0-3)	03/27/24
24C1260-06	B-6 (0-3)	03/27/24
24C1260-07	B-7 (0-2)	03/27/24
24C1260-08	B-7 (8-10)	03/27/24
24C1260-09	B-7 (8-10) D	03/27/24
24C1260-10	B-8 (0-3)	03/27/24
24C1260-11	B-9 (1-3)	03/27/24
24C1260-12	B-10 (0-3)	03/27/24
24C1260-13	B-11 (1-4)	03/27/24
24C1260-14	B-12 (1-4)	03/27/24
24C1260-15	B-13 (1-4)	03/27/24
24C1260-16	B-14 (1-4)	03/27/24
24C1260-17	B-15 (4-6)	03/27/24
24C1260-18	B-16 (1-5)	03/27/24
24C1260-19	B-17 (0-4)	03/27/24
24C1260-20	B-18 (0-4)	03/27/24
24C1260-21	B-19 (0-4)	03/27/24
BC41954-BLK1	Blank	03/27/24
BC41954-SRM1	Reference	03/27/24

Batch ID: BC41955 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-01	B-1 (1-3)	03/27/24
24C1260-02	B-2 (1-3)	03/27/24
24C1260-03	B-3 (0-2)	03/27/24
24C1260-04	B-4 (0-4)	03/27/24
BC41955-BLK1	Blank	03/27/24
BC41955-SRM1	Reference	03/27/24

Batch ID: BD40370 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-49	B-21 (9-10)	04/04/24
24C1260-50	B-29 (9-10)	04/04/24
24C1260-51	B-37 (13-15)	04/04/24
24C1260-52	B-38 (10-12)	04/04/24
BD40370-BLK1	Blank	04/04/24

Batch ID: BD40945 **Preparation Method:** EPA SW 846-1312 SPLP for Extr. for **Prepared By:** LRS

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-04	B-4 (0-4)	04/11/24
24C1260-11	B-9 (1-3)	04/11/24
BD40945-BLK1	Blank	04/11/24

Batch ID: BD41238 **Preparation Method:** EPA 3015A/1312 **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24C1260-04	B-4 (0-4)	04/16/24
24C1260-11	B-9 (1-3)	04/16/24
BD41238-BLK1	Blank	04/16/24
BD41238-BS1	LCS	04/16/24
BD41238-LBK1	Leach Fluid Blank	04/16/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41759 - EPA 5035A											
Blank (BC41759-BLK1)									Prepared & Analyzed: 03/25/2024		
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41759 - EPA 5035A											
Blank (BC41759-BLK1)									Prepared & Analyzed: 03/25/2024		
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/kg wet								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.6*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*70-130*				
LCS (BC41759-BS1)									Prepared & Analyzed: 03/25/2024		
1,1,1,2-Tetrachloroethane	46.6		ug/L	50.0		93.3	70-130				
1,1,1-Trichloroethane	47.6		"	50.0		95.3	70-130				
1,1,2,2-Tetrachloroethane	49.1		"	50.0		98.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.5		"	50.0		91.0	70-130				
1,1,2-Trichloroethane	44.9		"	50.0		89.9	70-130				
1,1-Dichloroethane	46.4		"	50.0		92.8	70-130				
1,1-Dichloroethylene	46.8		"	50.0		93.7	70-130				
1,1-Dichloropropylene	47.5		"	50.0		95.1	70-130				
1,2,3-Trichlorobenzene	44.8		"	50.0		89.7	70-130				
1,2,3-Trichloropropane	45.7		"	50.0		91.4	70-130				
1,2,4-Trichlorobenzene	45.9		"	50.0		91.7	70-130				
1,2,4-Trimethylbenzene	47.0		"	50.0		94.0	70-130				
1,2-Dibromo-3-chloropropane	46.4		"	50.0		92.7	70-130				
1,2-Dibromoethane	46.5		"	50.0		93.1	70-130				
1,2-Dichlorobenzene	45.1		"	50.0		90.2	70-130				
1,2-Dichloroethane	48.5		"	50.0		97.0	70-130				
1,2-Dichloropropane	44.4		"	50.0		88.9	70-130				
1,3,5-Trimethylbenzene	46.2		"	50.0		92.5	70-130				
1,3-Dichlorobenzene	44.8		"	50.0		89.6	70-130				
1,3-Dichloropropane	44.9		"	50.0		89.8	70-130				
1,4-Dichlorobenzene	44.2		"	50.0		88.4	70-130				
2,2-Dichloropropane	47.8		"	50.0		95.6	70-130				
2-Butanone	47.0		"	50.0		94.1	70-130				
2-Chlorotoluene	44.8		"	50.0		89.6	70-130				
2-Hexanone	43.4		"	50.0		86.9	70-130				
4-Chlorotoluene	46.0		"	50.0		92.1	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41759 - EPA 5035A											
LCS (BC41759-BS1)								Prepared & Analyzed: 03/25/2024			
4-Methyl-2-pentanone	43.8		ug/L	50.0		87.6	70-130				
Acetone	36.4		"	50.0		72.7	70-130				
Acrylonitrile	51.5		"	50.0		103	70-130				
Benzene	49.1		"	50.0		98.2	70-130				
Bromobenzene	46.4		"	50.0		92.7	70-130				
Bromochloromethane	48.8		"	50.0		97.6	70-130				
Bromodichloromethane	45.4		"	50.0		90.8	70-130				
Bromoform	47.3		"	50.0		94.7	70-130				
Bromomethane	50.6		"	50.0		101	70-130				
Carbon disulfide	43.6		"	50.0		87.2	70-130				
Carbon tetrachloride	49.5		"	50.0		99.0	70-130				
Chlorobenzene	46.0		"	50.0		92.0	70-130				
Chloroethane	49.1		"	50.0		98.1	70-130				
Chloroform	47.9		"	50.0		95.7	70-130				
Chloromethane	50.3		"	50.0		101	70-130				
cis-1,2-Dichloroethylene	47.8		"	50.0		95.6	70-130				
cis-1,3-Dichloropropylene	43.7		"	50.0		87.4	70-130				
Dibromochloromethane	47.3		"	50.0		94.5	70-130				
Dibromomethane	43.8		"	50.0		87.7	70-130				
Dichlorodifluoromethane	52.2		"	50.0		104	70-130				
Ethyl Benzene	46.6		"	50.0		93.3	70-130				
Hexachlorobutadiene	45.4		"	50.0		90.8	70-130				
Isopropylbenzene	46.5		"	50.0		93.0	70-130				
Methyl Methacrylate	46.8		"	50.0		93.5	70-130				
Methyl tert-butyl ether (MTBE)	46.0		"	50.0		92.0	70-130				
Methylene chloride	49.3		"	50.0		98.5	70-130				
Naphthalene	45.6		"	50.0		91.2	70-130				
n-Butylbenzene	44.6		"	50.0		89.3	70-130				
n-Propylbenzene	46.0		"	50.0		92.1	70-130				
o-Xylene	46.5		"	50.0		93.1	70-130				
p- & m- Xylenes	91.0		"	100		91.0	70-130				
p-Isopropyltoluene	45.8		"	50.0		91.7	70-130				
sec-Butylbenzene	45.4		"	50.0		90.9	70-130				
Styrene	46.5		"	50.0		93.0	70-130				
tert-Butylbenzene	44.9		"	50.0		89.8	70-130				
Tetrachloroethylene	30.8		"	50.0		61.6	70-130	Low Bias			
Tetrahydrofuran	46.7		"	50.0		93.3	70-130				
Toluene	45.3		"	50.0		90.7	70-130				
trans-1,2-Dichloroethylene	46.3		"	50.0		92.6	70-130				
trans-1,3-Dichloropropylene	44.6		"	50.0		89.2	70-130				
trans-1,4-dichloro-2-butene	47.1		"	50.0		94.2	70-130				
Trichloroethylene	43.5		"	50.0		87.1	70-130				
Trichlorofluoromethane	50.6		"	50.0		101	70-130				
Vinyl Chloride	49.9		"	50.0		99.7	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*46.9*		*"*	*50.0*		*93.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41759 - EPA 5035A											
LCS Dup (BC41759-BSD1)								Prepared & Analyzed: 03/25/2024			
1,1,1,2-Tetrachloroethane	47.4		ug/L	50.0		94.9	70-130		1.72	30	
1,1,1-Trichloroethane	47.4		"	50.0		94.8	70-130		0.547	30	
1,1,2,2-Tetrachloroethane	48.7		"	50.0		97.4	70-130		0.920	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.0		"	50.0		91.9	70-130		0.962	30	
1,1,2-Trichloroethane	45.6		"	50.0		91.2	70-130		1.44	30	
1,1-Dichloroethane	46.4		"	50.0		92.8	70-130		0.0216	30	
1,1-Dichloroethylene	46.8		"	50.0		93.5	70-130		0.150	30	
1,1-Dichloropropylene	46.9		"	50.0		93.9	70-130		1.29	30	
1,2,3-Trichlorobenzene	45.0		"	50.0		90.0	70-130		0.356	30	
1,2,3-Trichloropropane	45.3		"	50.0		90.5	70-130		0.967	30	
1,2,4-Trichlorobenzene	45.9		"	50.0		91.7	70-130		0.0218	30	
1,2,4-Trimethylbenzene	46.2		"	50.0		92.5	70-130		1.61	30	
1,2-Dibromo-3-chloropropane	45.8		"	50.0		91.7	70-130		1.17	30	
1,2-Dibromoethane	46.8		"	50.0		93.6	70-130		0.557	30	
1,2-Dichlorobenzene	45.0		"	50.0		90.0	70-130		0.178	30	
1,2-Dichloroethane	48.6		"	50.0		97.2	70-130		0.247	30	
1,2-Dichloropropane	44.4		"	50.0		88.7	70-130		0.203	30	
1,3,5-Trimethylbenzene	46.4		"	50.0		92.7	70-130		0.259	30	
1,3-Dichlorobenzene	44.2		"	50.0		88.4	70-130		1.42	30	
1,3-Dichloropropane	45.6		"	50.0		91.2	70-130		1.50	30	
1,4-Dichlorobenzene	43.4		"	50.0		86.9	70-130		1.69	30	
2,2-Dichloropropane	47.6		"	50.0		95.2	70-130		0.440	30	
2-Butanone	47.9		"	50.0		95.8	70-130		1.87	30	
2-Chlorotoluene	44.1		"	50.0		88.2	70-130		1.53	30	
2-Hexanone	43.3		"	50.0		86.7	70-130		0.231	30	
4-Chlorotoluene	45.1		"	50.0		90.2	70-130		2.08	30	
4-Methyl-2-pentanone	43.8		"	50.0		87.6	70-130		0.00	30	
Acetone	35.7		"	50.0		71.4	70-130		1.78	30	
Acrylonitrile	49.3		"	50.0		98.6	70-130		4.42	30	
Benzene	49.6		"	50.0		99.2	70-130		1.01	30	
Bromobenzene	45.8		"	50.0		91.7	70-130		1.15	30	
Bromochloromethane	48.4		"	50.0		96.9	70-130		0.699	30	
Bromodichloromethane	44.8		"	50.0		89.7	70-130		1.26	30	
Bromoform	49.0		"	50.0		97.9	70-130		3.39	30	
Bromomethane	52.9		"	50.0		106	70-130		4.46	30	
Carbon disulfide	44.1		"	50.0		88.3	70-130		1.21	30	
Carbon tetrachloride	50.1		"	50.0		100	70-130		1.25	30	
Chlorobenzene	46.2		"	50.0		92.3	70-130		0.347	30	
Chloroethane	50.0		"	50.0		100	70-130		1.94	30	
Chloroform	48.4		"	50.0		96.7	70-130		1.06	30	
Chloromethane	51.2		"	50.0		102	70-130		1.75	30	
cis-1,2-Dichloroethylene	48.0		"	50.0		96.1	70-130		0.501	30	
cis-1,3-Dichloropropylene	43.9		"	50.0		87.8	70-130		0.525	30	
Dibromochloromethane	48.0		"	50.0		96.1	70-130		1.62	30	
Dibromomethane	43.6		"	50.0		87.2	70-130		0.595	30	
Dichlorodifluoromethane	51.8		"	50.0		104	70-130		0.885	30	
Ethyl Benzene	46.6		"	50.0		93.2	70-130		0.0429	30	
Hexachlorobutadiene	44.4		"	50.0		88.7	70-130		2.34	30	
Isopropylbenzene	45.5		"	50.0		91.0	70-130		2.20	30	
Methyl Methacrylate	47.2		"	50.0		94.3	70-130		0.852	30	
Methyl tert-butyl ether (MTBE)	47.0		"	50.0		94.0	70-130		2.09	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41759 - EPA 5035A											
LCS Dup (BC41759-BSD1)								Prepared & Analyzed: 03/25/2024			
Methylene chloride	49.8		ug/L	50.0		99.7	70-130		1.19	30	
Naphthalene	45.1		"	50.0		90.1	70-130		1.15	30	
n-Butylbenzene	43.9		"	50.0		87.7	70-130		1.79	30	
n-Propylbenzene	45.0		"	50.0		90.0	70-130		2.26	30	
o-Xylene	46.7		"	50.0		93.3	70-130		0.300	30	
p- & m- Xylenes	91.4		"	100		91.4	70-130		0.406	30	
p-Isopropyltoluene	45.3		"	50.0		90.6	70-130		1.25	30	
sec-Butylbenzene	44.4		"	50.0		88.7	70-130		2.38	30	
Styrene	47.1		"	50.0		94.3	70-130		1.30	30	
tert-Butylbenzene	44.4		"	50.0		88.8	70-130		1.14	30	
Tetrachloroethylene	30.8		"	50.0		61.6	70-130	Low Bias	0.0325	30	
Tetrahydrofuran	47.2		"	50.0		94.4	70-130		1.15	30	
Toluene	45.6		"	50.0		91.1	70-130		0.506	30	
trans-1,2-Dichloroethylene	46.6		"	50.0		93.1	70-130		0.539	30	
trans-1,3-Dichloropropylene	45.1		"	50.0		90.2	70-130		1.14	30	
trans-1,4-dichloro-2-butene	47.1		"	50.0		94.2	70-130		0.00	30	
Trichloroethylene	43.6		"	50.0		87.2	70-130		0.138	30	
Trichlorofluoromethane	51.0		"	50.0		102	70-130		0.905	30	
Vinyl Chloride	51.0		"	50.0		102	70-130		2.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*46.9*		*"*	*50.0*		*93.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41501 - EPA 3546- SVOA RCP											
Blank (BC41501-BLK1)									Prepared: 03/21/2024 Analyzed: 03/22/2024		
2-Methylnaphthalene	ND	249	ug/kg wet								
Acenaphthene	ND	249	"								
Acenaphthylene	ND	249	"								
Anthracene	ND	249	"								
Benzo(a)anthracene	ND	249	"								
Benzo(a)pyrene	ND	249	"								
Benzo(b)fluoranthene	ND	249	"								
Benzo(g,h,i)perylene	ND	249	"								
Benzo(k)fluoranthene	ND	249	"								
Chrysene	ND	249	"								
Dibenzo(a,h)anthracene	ND	249	"								
Fluoranthene	ND	249	"								
Fluorene	ND	249	"								
Indeno(1,2,3-cd)pyrene	ND	249	"								
Naphthalene	ND	249	"								
Phenanthrene	ND	249	"								
Pyrene	ND	249	"								
Surrogate: SURR: Nitrobenzene-d5	*1430*		*"*	*1240*		*115*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*1280*		*"*	*1240*		*103*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*1290*		*"*	*1240*		*104*	*30-130*				
LCS (BC41501-BS1)									Prepared: 03/21/2024 Analyzed: 03/22/2024		
2-Methylnaphthalene	1320	249	ug/kg wet	1240		106	40-140				
Acenaphthene	1110	249	"	1240		89.1	40-140				
Acenaphthylene	1060	249	"	1240		85.6	40-140				
Anthracene	1100	249	"	1240		88.4	40-140				
Benzo(a)anthracene	1150	249	"	1240		92.1	40-140				
Benzo(a)pyrene	1280	249	"	1240		103	40-140				
Benzo(b)fluoranthene	1280	249	"	1240		103	40-140				
Benzo(g,h,i)perylene	1550	249	"	1240		124	40-140				
Benzo(k)fluoranthene	1220	249	"	1240		98.4	40-140				
Chrysene	1070	249	"	1240		86.0	40-140				
Dibenzo(a,h)anthracene	1330	249	"	1240		107	40-140				
Fluoranthene	1160	249	"	1240		92.9	40-140				
Fluorene	1180	249	"	1240		94.8	40-140				
Indeno(1,2,3-cd)pyrene	1740	249	"	1240		140	40-140				
Naphthalene	1190	249	"	1240		95.6	40-140				
Phenanthrene	1090	249	"	1240		87.2	40-140				
Pyrene	1050	249	"	1240		84.1	40-140				
Surrogate: SURR: Nitrobenzene-d5	*1030*		*"*	*1240*		*82.8*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*927*		*"*	*1240*		*74.5*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*943*		*"*	*1240*		*75.8*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41501 - EPA 3546- SVOA RCP											
Matrix Spike (BC41501-MS1)	*Source sample: 24C1260-44 (B-36 (2-5))								Prepared: 03/21/2024 Analyzed: 03/22/2024		
2-Methylnaphthalene	1390	519	ug/kg dry	1300	ND	107	40-140				
Acenaphthene	1230	519	"	1300	ND	95.0	40-140				
Acenaphthylene	1420	519	"	1300	272	88.5	40-140				
Anthracene	1370	519	"	1300	170	92.5	40-140				
Benzo(a)anthracene	2190	519	"	1300	918	98.1	40-140				
Benzo(a)pyrene	2540	519	"	1300	1200	104	40-140				
Benzo(b)fluoranthene	2380	519	"	1300	1070	101	40-140				
Benzo(g,h,i)perylene	2650	519	"	1300	952	131	40-140				
Benzo(k)fluoranthene	2360	519	"	1300	1020	103	40-140				
Chrysene	2110	519	"	1300	921	91.8	40-140				
Dibenzo(a,h)anthracene	ND	519	"	1300	ND		40-140	Low Bias			
Fluoranthene	3270	519	"	1300	1970	99.8	40-140				
Fluorene	1350	519	"	1300	ND	104	40-140				
Indeno(1,2,3-cd)pyrene	2970	519	"	1300	1020	150	40-140	High Bias			
Naphthalene	1240	519	"	1300	ND	95.4	40-140				
Phenanthrene	1820	519	"	1300	639	91.0	40-140				
Pyrene	2670	519	"	1300	1410	96.6	40-140				
Surrogate: SURR: Nitrobenzene-d5	*1050*		*"*	*1300*		*81.0*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*1010*		*"*	*1300*		*78.1*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*1060*		*"*	*1300*		*81.4*	*30-130*				
Matrix Spike Dup (BC41501-MSD1)	*Source sample: 24C1260-44 (B-36 (2-5))								Prepared: 03/21/2024 Analyzed: 03/22/2024		
2-Methylnaphthalene	1430	514	ug/kg dry	1280	ND	111	40-140		2.23	30	
Acenaphthene	1270	514	"	1280	ND	98.9	40-140		2.97	30	
Acenaphthylene	1500	514	"	1280	272	95.8	40-140		5.58	30	
Anthracene	1390	514	"	1280	170	95.4	40-140		1.85	30	
Benzo(a)anthracene	2360	514	"	1280	918	112	40-140		7.28	30	
Benzo(a)pyrene	2700	514	"	1280	1200	117	40-140		6.02	30	
Benzo(b)fluoranthene	2620	514	"	1280	1070	120	40-140		9.26	30	
Benzo(g,h,i)perylene	2440	514	"	1280	952	116	40-140		8.29	30	
Benzo(k)fluoranthene	2470	514	"	1280	1020	112	40-140		4.45	30	
Chrysene	2190	514	"	1280	921	99.0	40-140		3.71	30	
Dibenzo(a,h)anthracene	175	514	"	1280	ND	13.6	40-140	Low Bias		30	
Fluoranthene	3480	514	"	1280	1970	118	40-140		6.42	30	
Fluorene	1380	514	"	1280	ND	108	40-140		2.65	30	
Indeno(1,2,3-cd)pyrene	3040	514	"	1280	1020	157	40-140	High Bias	2.48	30	
Naphthalene	1300	514	"	1280	ND	101	40-140		4.72	30	
Phenanthrene	1950	514	"	1280	639	102	40-140		7.01	30	
Pyrene	2690	514	"	1280	1410	99.5	40-140		0.938	30	
Surrogate: SURR: Nitrobenzene-d5	*1100*		*"*	*1280*		*85.7*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*1030*		*"*	*1280*		*80.3*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*1070*		*"*	*1280*		*83.1*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41549 - EPA 3546- SVOA RCP											
Blank (BC41549-BLK1)									Prepared: 03/21/2024 Analyzed: 03/22/2024		
2-Methylnaphthalene	ND	250	ug/kg wet								
Acenaphthene	ND	250	"								
Acenaphthylene	ND	250	"								
Anthracene	ND	250	"								
Benzo(a)anthracene	ND	250	"								
Benzo(a)pyrene	ND	250	"								
Benzo(b)fluoranthene	ND	250	"								
Benzo(g,h,i)perylene	ND	250	"								
Benzo(k)fluoranthene	ND	250	"								
Chrysene	ND	250	"								
Dibenzo(a,h)anthracene	ND	250	"								
Fluoranthene	ND	250	"								
Fluorene	ND	250	"								
Indeno(1,2,3-cd)pyrene	ND	250	"								
Naphthalene	ND	250	"								
Phenanthrene	ND	250	"								
Pyrene	ND	250	"								
Surrogate: SURR: Nitrobenzene-d5	*737*		*"*	*1250*		*59.0*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*799*		*"*	*1250*		*63.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*826*		*"*	*1250*		*66.1*	*30-130*				
LCS (BC41549-BS1)									Prepared: 03/21/2024 Analyzed: 03/22/2024		
2-Methylnaphthalene	768	250	ug/kg wet	1250		61.4	40-140				
Acenaphthene	736	250	"	1250		58.9	40-140				
Acenaphthylene	690	250	"	1250		55.2	40-140				
Anthracene	758	250	"	1250		60.7	40-140				
Benzo(a)anthracene	789	250	"	1250		63.1	40-140				
Benzo(a)pyrene	907	250	"	1250		72.6	40-140				
Benzo(b)fluoranthene	866	250	"	1250		69.2	40-140				
Benzo(g,h,i)perylene	876	250	"	1250		70.1	40-140				
Benzo(k)fluoranthene	894	250	"	1250		71.5	40-140				
Chrysene	774	250	"	1250		62.0	40-140				
Dibenzo(a,h)anthracene	930	250	"	1250		74.4	40-140				
Fluoranthene	763	250	"	1250		61.0	40-140				
Fluorene	733	250	"	1250		58.6	40-140				
Indeno(1,2,3-cd)pyrene	932	250	"	1250		74.6	40-140				
Naphthalene	730	250	"	1250		58.4	40-140				
Phenanthrene	742	250	"	1250		59.4	40-140				
Pyrene	728	250	"	1250		58.2	40-140				
Surrogate: SURR: Nitrobenzene-d5	*672*		*"*	*1250*		*53.8*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*736*		*"*	*1250*		*58.8*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*758*		*"*	*1250*		*60.7*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41549 - EPA 3546- SVOA RCP											
Matrix Spike (BC41549-MS1)	*Source sample: 24C1260-20 (B-18 (0-4))								Prepared: 03/21/2024 Analyzed: 03/22/2024		
2-Methylnaphthalene	1160	554	ug/kg dry	1380	ND	83.5	40-140				
Acenaphthene	1090	554	"	1380	ND	79.0	40-140				
Acenaphthylene	1000	554	"	1380	ND	72.3	40-140				
Anthracene	1230	554	"	1380	ND	88.9	40-140				
Benzo(a)anthracene	1750	554	"	1380	464	93.1	40-140				
Benzo(a)pyrene	1750	554	"	1380	426	95.8	40-140				
Benzo(b)fluoranthene	1770	554	"	1380	405	98.5	40-140				
Benzo(g,h,i)perylene	1580	554	"	1380	296	92.5	40-140				
Benzo(k)fluoranthene	1640	554	"	1380	386	90.3	40-140				
Chrysene	1700	554	"	1380	446	90.9	40-140				
Dibenzo(a,h)anthracene	1400	554	"	1380	ND	101	40-140				
Fluoranthene	2270	554	"	1380	814	105	40-140				
Fluorene	1080	554	"	1380	ND	78.4	40-140				
Indeno(1,2,3-cd)pyrene	1620	554	"	1380	261	98.4	40-140				
Naphthalene	1090	554	"	1380	ND	78.6	40-140				
Phenanthrene	1540	554	"	1380	343	86.4	40-140				
Pyrene	2090	554	"	1380	778	94.6	40-140				
Surrogate: SURR: Nitrobenzene-d5	*978*		*"*	*1380*		*70.6*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*1040*		*"*	*1380*		*75.0*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*1130*		*"*	*1380*		*81.7*	*30-130*				
Matrix Spike Dup (BC41549-MSD1)	*Source sample: 24C1260-20 (B-18 (0-4))								Prepared: 03/21/2024 Analyzed: 03/22/2024		
2-Methylnaphthalene	993	554	ug/kg dry	1380	ND	71.8	40-140		15.1	30	
Acenaphthene	975	554	"	1380	ND	70.5	40-140		11.4	30	
Acenaphthylene	889	554	"	1380	ND	64.2	40-140		11.8	30	
Anthracene	1090	554	"	1380	ND	79.1	40-140		11.6	30	
Benzo(a)anthracene	1570	554	"	1380	464	80.2	40-140		10.8	30	
Benzo(a)pyrene	1550	554	"	1380	426	81.2	40-140		12.2	30	
Benzo(b)fluoranthene	1560	554	"	1380	405	83.1	40-140		12.9	30	
Benzo(g,h,i)perylene	1380	554	"	1380	296	78.4	40-140		13.2	30	
Benzo(k)fluoranthene	1470	554	"	1380	386	78.5	40-140		10.5	30	
Chrysene	1530	554	"	1380	446	78.5	40-140		10.6	30	
Dibenzo(a,h)anthracene	1240	554	"	1380	ND	89.4	40-140		12.2	30	
Fluoranthene	1980	554	"	1380	814	84.4	40-140		13.6	30	
Fluorene	968	554	"	1380	ND	69.9	40-140		11.4	30	
Indeno(1,2,3-cd)pyrene	1440	554	"	1380	261	85.5	40-140		11.7	30	
Naphthalene	937	554	"	1380	ND	67.7	40-140		14.9	30	
Phenanthrene	1370	554	"	1380	343	74.1	40-140		11.7	30	
Pyrene	1870	554	"	1380	778	78.8	40-140		11.1	30	
Surrogate: SURR: Nitrobenzene-d5	*830*		*"*	*1380*		*60.0*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*919*		*"*	*1380*		*66.4*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*1020*		*"*	*1380*		*73.6*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41603 - EPA 3546- SVOA RCP											
Blank (BC41603-BLK1)									Prepared: 03/22/2024 Analyzed: 03/25/2024		
2-Methylnaphthalene	ND	244	ug/kg wet								
Acenaphthene	ND	244	"								
Acenaphthylene	ND	244	"								
Anthracene	ND	244	"								
Benzo(a)anthracene	ND	244	"								
Benzo(a)pyrene	ND	244	"								
Benzo(b)fluoranthene	ND	244	"								
Benzo(g,h,i)perylene	ND	244	"								
Benzo(k)fluoranthene	ND	244	"								
Chrysene	ND	244	"								
Dibenzo(a,h)anthracene	ND	244	"								
Fluoranthene	ND	244	"								
Fluorene	ND	244	"								
Indeno(1,2,3-cd)pyrene	ND	244	"								
Naphthalene	ND	244	"								
Phenanthrene	ND	244	"								
Pyrene	ND	244	"								
Surrogate: SURR: Nitrobenzene-d5	*1010*		*"*	*1220*		*82.9*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*1050*		*"*	*1220*		*85.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*800*		*"*	*1220*		*65.6*	*30-130*				
LCS (BC41603-BS1)									Prepared: 03/22/2024 Analyzed: 03/25/2024		
2-Methylnaphthalene	953	244	ug/kg wet	1220		78.2	40-140				
Acenaphthene	1010	244	"	1220		83.0	40-140				
Acenaphthylene	928	244	"	1220		76.1	40-140				
Anthracene	1010	244	"	1220		82.6	40-140				
Benzo(a)anthracene	1050	244	"	1220		85.9	40-140				
Benzo(a)pyrene	1130	244	"	1220		92.4	40-140				
Benzo(b)fluoranthene	1090	244	"	1220		89.6	40-140				
Benzo(g,h,i)perylene	984	244	"	1220		80.7	40-140				
Benzo(k)fluoranthene	1000	244	"	1220		82.1	40-140				
Chrysene	912	244	"	1220		74.8	40-140				
Dibenzo(a,h)anthracene	1080	244	"	1220		88.9	40-140				
Fluoranthene	816	244	"	1220		66.9	40-140				
Fluorene	989	244	"	1220		81.1	40-140				
Indeno(1,2,3-cd)pyrene	1070	244	"	1220		88.0	40-140				
Naphthalene	1010	244	"	1220		82.9	40-140				
Phenanthrene	1010	244	"	1220		83.2	40-140				
Pyrene	958	244	"	1220		78.6	40-140				
Surrogate: SURR: Nitrobenzene-d5	*1020*		*"*	*1220*		*83.4*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*987*		*"*	*1220*		*81.0*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*1040*		*"*	*1220*		*85.2*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41917 - EPA 3546- SVOA RCP											
Blank (BC41917-BLK1)									Prepared: 03/27/2024 Analyzed: 03/28/2024		
2-Methylnaphthalene	ND	249	ug/kg wet								
Acenaphthene	ND	249	"								
Acenaphthylene	ND	249	"								
Anthracene	ND	249	"								
Benzo(a)anthracene	ND	249	"								
Benzo(a)pyrene	ND	249	"								
Benzo(b)fluoranthene	ND	249	"								
Benzo(g,h,i)perylene	ND	249	"								
Benzo(k)fluoranthene	ND	249	"								
Chrysene	ND	249	"								
Dibenzo(a,h)anthracene	ND	249	"								
Fluoranthene	ND	249	"								
Fluorene	ND	249	"								
Indeno(1,2,3-cd)pyrene	ND	249	"								
Naphthalene	ND	249	"								
Phenanthrene	ND	249	"								
Pyrene	ND	249	"								
Surrogate: SURR: Nitrobenzene-d5	*837*		*"*	*1240*		*67.3*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*642*		*"*	*1240*		*51.6*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*800*		*"*	*1240*		*64.4*	*30-130*				
LCS (BC41917-BS1)									Prepared: 03/27/2024 Analyzed: 03/28/2024		
2-Methylnaphthalene	729	249	ug/kg wet	1240		58.6	40-140				
Acenaphthene	693	249	"	1240		55.7	40-140				
Acenaphthylene	648	249	"	1240		52.1	40-140				
Anthracene	683	249	"	1240		54.9	40-140				
Benzo(a)anthracene	707	249	"	1240		56.9	40-140				
Benzo(a)pyrene	652	249	"	1240		52.4	40-140				
Benzo(b)fluoranthene	668	249	"	1240		53.7	40-140				
Benzo(g,h,i)perylene	652	249	"	1240		52.4	40-140				
Benzo(k)fluoranthene	615	249	"	1240		49.4	40-140				
Chrysene	658	249	"	1240		52.9	40-140				
Dibenzo(a,h)anthracene	775	249	"	1240		62.3	40-140				
Fluoranthene	651	249	"	1240		52.3	40-140				
Fluorene	685	249	"	1240		55.0	40-140				
Indeno(1,2,3-cd)pyrene	1020	249	"	1240		82.3	40-140				
Naphthalene	702	249	"	1240		56.4	40-140				
Phenanthrene	664	249	"	1240		53.4	40-140				
Pyrene	828	249	"	1240		66.6	40-140				
Surrogate: SURR: Nitrobenzene-d5	*984*		*"*	*1240*		*79.1*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*748*		*"*	*1240*		*60.1*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*868*		*"*	*1240*		*69.8*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41917 - EPA 3546- SVOA RCP											
Matrix Spike (BC41917-MS1)	*Source sample: 24C1260-44 (B-36 (2-5))								Prepared: 03/27/2024 Analyzed: 03/28/2024		
2-Methylnaphthalene	911	519	ug/kg dry	1300	ND	70.2	40-140				
Acenaphthene	688	519	"	1300	ND	53.0	40-140				
Acenaphthylene	891	519	"	1300	272	47.6	40-140				
Anthracene	982	519	"	1300	170	62.6	40-140				
Benzo(a)anthracene	1550	519	"	1300	918	48.5	40-140				
Benzo(a)pyrene	1720	519	"	1300	1200	40.6	40-140				
Benzo(b)fluoranthene	1670	519	"	1300	1070	46.0	40-140				
Benzo(g,h,i)perylene	1820	519	"	1300	952	66.8	40-140				
Benzo(k)fluoranthene	1470	519	"	1300	1020	34.8	40-140	Low Bias			
Chrysene	1500	519	"	1300	921	44.6	40-140				
Dibenzo(a,h)anthracene	1170	519	"	1300	ND	90.6	40-140				
Fluoranthene	2300	519	"	1300	1970	25.2	40-140	Low Bias			
Fluorene	686	519	"	1300	ND	52.9	40-140				
Indeno(1,2,3-cd)pyrene	2110	519	"	1300	1020	84.1	40-140				
Naphthalene	915	519	"	1300	ND	70.6	40-140				
Phenanthrene	1390	519	"	1300	639	57.5	40-140				
Pyrene	2400	519	"	1300	1410	75.9	40-140				
Surrogate: SURR: Nitrobenzene-d5	*1230*		*"*	*1300*		*94.5*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*747*		*"*	*1300*		*57.6*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*815*		*"*	*1300*		*62.8*	*30-130*				
Matrix Spike Dup (BC41917-MSD1)	*Source sample: 24C1260-44 (B-36 (2-5))								Prepared: 03/27/2024 Analyzed: 03/28/2024		
2-Methylnaphthalene	810	506	ug/kg dry	1270	ND	64.0	40-140		11.7	30	
Acenaphthene	734	506	"	1270	ND	58.0	40-140		6.48	30	
Acenaphthylene	981	506	"	1270	272	56.0	40-140		9.70	30	
Anthracene	873	506	"	1270	170	55.6	40-140		11.7	30	
Benzo(a)anthracene	1570	506	"	1270	918	51.7	40-140		1.62	30	
Benzo(a)pyrene	1710	506	"	1270	1200	40.2	40-140		1.02	30	
Benzo(b)fluoranthene	1540	506	"	1270	1070	37.2	40-140	Low Bias	7.88	30	
Benzo(g,h,i)perylene	1680	506	"	1270	952	57.5	40-140		7.97	30	
Benzo(k)fluoranthene	1430	506	"	1270	1020	31.9	40-140	Low Bias	3.24	30	
Chrysene	1530	506	"	1270	921	47.7	40-140		1.68	30	
Dibenzo(a,h)anthracene	1220	506	"	1270	ND	96.0	40-140		3.38	30	
Fluoranthene	2010	506	"	1270	1970	2.69	40-140	Low Bias	13.6	30	
Fluorene	767	506	"	1270	ND	60.6	40-140		11.1	30	
Indeno(1,2,3-cd)pyrene	2180	506	"	1270	1020	91.5	40-140		3.18	30	
Naphthalene	801	506	"	1270	ND	63.3	40-140		13.3	30	
Phenanthrene	1130	506	"	1270	639	38.5	40-140	Low Bias	20.6	30	
Pyrene	2440	506	"	1270	1410	81.0	40-140		1.70	30	
Surrogate: SURR: Nitrobenzene-d5	*1100*		*"*	*1270*		*86.8*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*794*		*"*	*1270*		*62.7*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*941*		*"*	*1270*		*74.3*	*30-130*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41499 - EPA 3546 ETPH											
Blank (BC41499-BLK1)								Prepared & Analyzed: 03/21/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	40.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*7.67*		"	*10.0*		*76.7*	*50-150*				
LCS (BC41499-BS1)								Prepared & Analyzed: 03/21/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	45.3	40.0	mg/kg wet	75.0		60.3	39.8-123				
Surrogate: 1-Chlorooctadecane	*6.31*		"	*10.0*		*63.1*	*50-150*				
Batch BC41545 - EPA 3546 ETPH											
Blank (BC41545-BLK1)								Prepared: 03/21/2024 Analyzed: 03/22/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	39.6	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*7.86*		"	*9.90*		*79.4*	*50-150*				
LCS (BC41545-BS1)								Prepared: 03/21/2024 Analyzed: 03/22/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	65.4	39.6	mg/kg wet	74.3		88.0	39.8-123				
Surrogate: 1-Chlorooctadecane	*7.00*		"	*9.90*		*70.7*	*50-150*				
Matrix Spike (BC41545-MS1)	*Source sample: 24C1260-19 (B-17 (0-4))							Prepared: 03/21/2024 Analyzed: 03/23/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	155	43.7	mg/kg dry	81.9	88.5	81.0	50-150				
Surrogate: 1-Chlorooctadecane	*7.14*		"	*10.9*		*65.5*	*50-150*				
Matrix Spike Dup (BC41545-MSD1)	*Source sample: 24C1260-19 (B-17 (0-4))							Prepared: 03/21/2024 Analyzed: 03/23/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	249	43.2	mg/kg dry	81.1	88.5	198	50-150	High Bias	46.8	30	Non-dir.
Surrogate: 1-Chlorooctadecane	*7.94*		"	*10.8*		*73.4*	*50-150*				
Batch BC41631 - EPA 3546 ETPH											
Blank (BC41631-BLK1)								Prepared: 03/22/2024 Analyzed: 03/23/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	39.6	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*5.71*		"	*9.90*		*57.7*	*50-150*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41631 - EPA 3546 ETPH											
LCS (BC41631-BS1)								Prepared: 03/22/2024 Analyzed: 03/23/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	52.1	39.6	mg/kg wet	74.3		70.2	39.8-123				
Surrogate: 1-Chlorooctadecane	*5.86*		"	*9.90*		*59.2*	*50-150*				
Matrix Spike (BC41631-MS1)	*Source sample: 24C1260-02 (B-2 (1-3))							Prepared: 03/22/2024 Analyzed: 03/25/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	81.7	44.0	mg/kg dry	82.5	51.7	36.4	50-150	Low Bias			
Surrogate: 1-Chlorooctadecane	*7.04*		"	*11.0*		*64.0*	*50-150*				
Matrix Spike Dup (BC41631-MSD1)	*Source sample: 24C1260-02 (B-2 (1-3))							Prepared: 03/22/2024 Analyzed: 03/26/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	82.0	44.0	mg/kg dry	82.5	51.7	36.8	50-150	Low Bias	0.446	30	
Surrogate: 1-Chlorooctadecane	*6.80*		"	*11.0*		*61.8*	*50-150*				
Batch BC41738 - EPA 3546 ETPH											
Blank (BC41738-BLK1)								Prepared: 03/25/2024 Analyzed: 03/26/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	39.6	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*8.19*		"	*9.90*		*82.7*	*50-150*				
LCS (BC41738-BS1)								Prepared: 03/25/2024 Analyzed: 03/26/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	55.5	39.6	mg/kg wet	74.3		74.7	39.8-123				
Surrogate: 1-Chlorooctadecane	*6.04*		"	*9.90*		*61.0*	*50-150*				
Batch BC41814 - EPA 3546 ETPH											
Blank (BC41814-BLK1)								Prepared & Analyzed: 03/26/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	39.6	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*7.61*		"	*9.90*		*76.9*	*50-150*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41814 - EPA 3546 ETPH											
LCS (BC41814-BS1)								Prepared & Analyzed: 03/26/2024			
ETPH (Extractable Total Petroleum Hydrocarbons)	63.4	39.6	mg/kg wet	74.3		85.3	39.8-123				
Surrogate: 1-Chlorooctadecane	*7.88*		*"*	*9.90*		*79.6*	*50-150*				
Batch BD40370 - EPA 3550C											
Blank (BD40370-BLK1)								Prepared & Analyzed: 04/04/2024			
Petroleum Identification	ND	1.00	ID only								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41775 - EPA 3050B											
Blank (BC41775-BLK1)										Prepared: 03/25/2024 Analyzed: 03/27/2024	
Arsenic	ND	1.04	mg/kg wet								
Lead	ND	0.417	"								
Reference (BC41775-SRM1)										Prepared: 03/25/2024 Analyzed: 03/27/2024	
Arsenic	174	1.04	mg/kg wet	223		78.2	70.4-102.2				
Lead	226	0.417	"	275		82.1	74.2-108				
Batch BC41860 - EPA 3050B											
Blank (BC41860-BLK1)										Prepared: 03/26/2024 Analyzed: 03/27/2024	
Arsenic	ND	1.04	mg/kg wet								
Lead	0.467	0.417	"								
Reference (BC41860-SRM1)										Prepared: 03/26/2024 Analyzed: 03/27/2024	
Arsenic	182	1.04	mg/kg wet	223		81.4	70.4-102.2				
Lead	234	0.417	"	275		85.1	74.2-108				
Batch BC41954 - EPA 3050B											
Blank (BC41954-BLK1)										Prepared: 03/27/2024 Analyzed: 03/28/2024	
Arsenic	ND	1.04	mg/kg wet								
Lead	ND	0.417	"								
Reference (BC41954-SRM1)										Prepared: 03/27/2024 Analyzed: 03/28/2024	
Arsenic	186	1.04	mg/kg wet	223		83.6	70.4-102.2				
Lead	237	0.417	"	275		86.2	74.2-108				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41955 - EPA 3050B											
Blank (BC41955-BLK1)											Prepared: 03/27/2024 Analyzed: 03/28/2024
Arsenic	ND	1.04	mg/kg wet								
Lead	ND	0.417	"								
Reference (BC41955-SRM1)											Prepared: 03/27/2024 Analyzed: 03/28/2024
Arsenic	174	1.04	mg/kg wet	223		78.1	70.4-102.2				
Lead	221	0.417	"	275		80.5	74.2-108				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41238 - EPA 3015A/1312											
Blank (BD41238-BLK1)									Prepared & Analyzed: 04/16/2024		
Lead	ND	0.00111	mg/L								
LCS (BD41238-BS1)									Prepared & Analyzed: 04/16/2024		
Lead	60.5		ug/L	50.0		121	80-120	High Bias			
Leach Fluid Blank (BD41238-LBK1)									Prepared & Analyzed: 04/16/2024		
Lead	ND	0.00111	mg/L								

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41636 - % Solids Prep											
Duplicate (BC41636-DUP1)	*Source sample: 24C1260-20 (B-18 (0-4))								Prepared & Analyzed: 03/22/2024		
% Solids	89.4	0.100	%		90.3				1.03	20	
Batch BC41728 - % Solids Prep											
Duplicate (BC41728-DUP1)	*Source sample: 24C1260-22 (B-20 (0-4))								Prepared & Analyzed: 03/25/2024		
% Solids	92.7	0.100	%		92.7				0.0103	20	
Batch BC41762 - % Solids Prep											
Duplicate (BC41762-DUP1)	*Source sample: 24C1260-44 (B-36 (2-5))								Prepared & Analyzed: 03/25/2024		
% Solids	95.9	0.100	%		95.9				0.00736	20	

Leachate Preparations - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD40945 - EPA SW 846-1312 SPLP for Extr. for Metals											
Blank (BD40945-BLK1)											Prepared: 04/11/2024 Analyzed: 04/12/2024
SPLP Extraction	Completed	1.00	N/A								

SW8082A - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 727053A - SW3540C											
BLK (CQ51805-BLK)								Prepared: 04/16/2024 Analyzed: 04/17/2024			
PCB-1016	ND	0.17	mg/Kg			ND	-				
PCB-1221	ND	0.17	"			ND	-				
PCB-1232	ND	0.17	"			ND	-				
PCB-1242	ND	0.17	"			ND	-				
PCB-1248	ND	0.17	"			ND	-				
PCB-1254	ND	0.17	"			ND	-				
PCB-1260	ND	0.17	"			ND	-				
PCB-1262	ND	0.17	"			ND	-				
PCB-1268	ND	0.17	"			ND	-				
LCS (CQ51805-LCS)								Prepared: 04/16/2024 Analyzed: 04/17/2024			
PCB-1016	533.6	0.17	mg/Kg	500		107	40-140			30	
PCB-1221	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1232	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1242	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1248	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1254	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1260	571.0	0.17	"	500		114	40-140			30	
PCB-1262	ND	0.17	"				40-140	Low Bias		30	
PCB-1268	ND	0.17	"	500			40-140	Low Bias		30	
LCSD (CQ51805-LCSD)								Prepared: 04/16/2024 Analyzed: 04/17/2024			
PCB-1016	477.0	0.17	mg/Kg	500		95	40-140		11.9	30	
PCB-1221	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1232	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1242	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1248	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1254	ND	0.17	"	500			40-140	Low Bias		30	
PCB-1260	440.0	0.17	"	500		88	40-140		25.7	30	
PCB-1262	ND	0.17	"				40-140	Low Bias		30	
PCB-1268	ND	0.17	"	500			40-140	Low Bias		30	

SW8082A - Quality Control Data

Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 727053A - SW3540C											
MS (CQ51805-MS)									Prepared: 04/16/2024 Analyzed: 04/17/2024		
PCB-1016	392.3	0.17	mg/Kg	500		78	40-140			30	
PCB-1221	ND	0.17	"				40-140	Low Bias		30	
PCB-1232	ND	0.17	"				40-140	Low Bias		30	
PCB-1242	ND	0.17	"				40-140	Low Bias		30	
PCB-1248	ND	0.17	"				40-140	Low Bias		30	
PCB-1254	ND	0.17	"				40-140	Low Bias		30	
PCB-1260	380.4	0.17	"	500		76	40-140			30	
PCB-1262	ND	0.17	"				40-140	Low Bias		30	
PCB-1268	ND	0.17	"				40-140	Low Bias		30	
MSD (CQ51805-MSD)									Prepared: 04/16/2024 Analyzed: 04/17/2024		
PCB-1016	372.8	0.17	mg/Kg	500		75	40-140		3.9	30	
PCB-1221	ND	0.17	"				40-140	Low Bias		30	
PCB-1232	ND	0.17	"				40-140	Low Bias		30	
PCB-1242	ND	0.17	"				40-140	Low Bias		30	
PCB-1248	ND	0.17	"				40-140	Low Bias		30	
PCB-1254	ND	0.17	"				40-140	Low Bias		30	
PCB-1260	349.7	0.17	"	500		70	40-140		8.2	30	
PCB-1262	ND	0.17	"				40-140	Low Bias		30	
PCB-1268	ND	0.17	"				40-140	Low Bias		30	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24C1260-24	B-21 (9-10)	40mL 01_Clear Vial Cool to 4° C
24C1260-31	B-26 (8-10)	40mL 01_Clear Vial Cool to 4° C
24C1260-35	B-29 (9-10)	40mL 01_Clear Vial Cool to 4° C
24C1260-37	B-30 (9-10)	40mL 01_Clear Vial Cool to 4° C
24C1260-46	B-37 (13-15)	40mL 01_Clear Vial Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
GC-15	No. 2 Fuel oil/Diesel
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1260

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME
Address: 83 WILLOW ST NEW HAVEN, CT	Address:	Address:
Phone: 203.627.8303	Phone.:	Phone.:
Contact: N. PAYNE	Contact:	Contact:
E-mail: npayne@payneenv.com	E-mail:	E-mail:

YOUR Project Number: 24.100/001

YOUR Project Name: CHURCH STREET SOUTH

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Neil G. Payne

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

- New York
- New Jersey
- Connecticut ✓
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

CT RSRs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-1 (1-3)	SOIL	3/18/24 0810	CT-ETPH, As, Pb, PAHs	GLASS	1
B-2 (1-3)		0830			1
B-3 (0-2)		0850			1
B-4 (0-4)		0915			1
B-5 (0-3)		0950			1
B-6 (0-3)		1000			1
B-7 (0-2)		1020			1
B-7 (8-10)		1025			1
B-7 (8-10) D		1025			1
B-8 (0-3)		1050			1

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ICE

Special Instruction
Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Neil G. Payne / Payne Env	3/20/24 13:50	CH	3/20/24 13:50	CH	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				JR	3/20/24 14:30 1.5 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1260

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME
Address: 85 WILLOW ST. NEW HAVEN, CT	Address:	Address:
Phone.: 203.627.8303	Phone.:	Phone.:
Contact: N. PAYNE	Contact:	Contact:
E-mail: npayne@payneco.com	E-mail:	E-mail:

YOUR Project Number: 24.100/001

YOUR Project Name: CHURCH STREET SOUTH

YOUR PO#:

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- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
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- Standard (6-9 Day) ✓

PFAS Standard is 7-10 Days

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Neil G. Payne

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York
- New Jersey
- Connecticut ✓
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

CT RSRs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-9 (1-3)	SOIL	3/18/24 1135	CT-ETPH, RCS, PB, PAHS	GLASS JAR	1
B-10 (0-3)		1205			1
B-11 (1-4)		1245			1
B-12 (1-4)		1255			1
B-13 (1-4)		1315			1
B-14 (1-4)		1400			1
B-15 (4-6)		1415			1
B-16 (1-5)		3/19/24 0725			1
B-17 (0-4)		0735			1
B-18 (0-4)		0745			1

Comments:

Preservation: (check all that apply)

HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other: ICE

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Neil G. Payne PAYNE ENV.	3/20/24 13:50	CH	3/20/24 13:50	CH	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				JR	3/20/24 14:30 1.5 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24C1260

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME
Address: 85 WILLOW ST NEW HAVEN CT	Address	Address
Phone: 203.627.8303	Phone	Phone
Contact: N. PAYNE	Contact	Contact
E-mail: npayne@payneenvironmental.com	E-mail	E-mail

YOUR Project Number: 24.106/101

YOUR Project Name: CHURCH STREET SOUTH

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Neil M. Payne

NEIL PAYNE

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York
- New Jersey
- Connecticut ✓
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

CT RSR

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-19 (0-4)	SOIL	3/19/24 0935	CT-ETPH, As, Pb, Pahs	GLASS	1
B-20 (0-4)		0815		GLASS	1
B-21 (0-4		0830		GLASS	1
B-21 (9-10) *		0835		GLASS, VOAs	5
B-22 (1-5)		0855	VOCs	GLASS	1
B-22 (5-9)		0900			
B-23 (1-5)		0915			1
B-24 (5-6) (4-6)		0925			1
B-25 (1-5)		0945			1
B-26 (1-5)		0955			1

Comments:

* PETROLEUM ODOR

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___

ZnAc ___ Ascorbic Acid ___ Other: ICE, MEOH, N2

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Neil M Payne PAYNE ENV	3/20/24 13:50	CH	3/20/24 13:50	CH	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	3/20/24 14:30 / 1.5 Degrees C

Field Chain-of-Custody Record

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YOUR Information	Report To:	Invoice To:
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME
Address: 85 WILLOW ST NEW HAVEN, CT	Address:	Address:
Phone.: 203.627.8303	Phone.:	Phone.:
Contact: N. PAYNE	Contact:	Contact:
E-mail: npayne@payneenvironmental.com	E-mail:	E-mail:

YOUR Project Number: 24.100/001

YOUR Project Name: CHURCH STREET SOUTH

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
RUSH - Five Day	
Standard (6-9 Day)	✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) — Neil Payne

Matrix Codes

S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From

New York; New Jersey; Connecticut ✓; Pennsylvania; Other:

Report / EDD Type (circle selections)

Summary Report; CT RCP; EQuIS (Standard); QA Report; CT RCP DQA/DUE; NYSDEC EQuIS; CMDP; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; NJDEP SRP HazSite; NY ASP B Package; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in) CT-RSRs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
* B-26 (8-10)	SOIL	3/19/24 1000	CT-ETPH, As, Pb, PAHs, VOCs	GLASS, VOAs	5
B-27 (0-4)		1015		GLASS	1
B-28 (1-5)		1025			1
B-29 (1-5)		1035			1
* B-29 (9-10)		1040	VOCs	GLASS, VOAs	5
B-30 (0-2)		1050		GLASS	1
* B-30 (9-10)		1055	VOCs	GLASS, VOA	5
B-31 (1-5)		1110		GLASS	1
* B-31 (9-10)		1115		"	1
B-32 (0-2)		1150		"	1

Comments: * PETROLEUM ODOR

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply) HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ICE, MeOH, ICE

Special Instruction: Field Filtered ___ Lab to Filter ___

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Neil Payne PAYNE ENV.	3/20/24 13:50	CH	3/20/24 13:50	CH	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by: JR	Date/Time: 3/20/24 14:30 Temperature: 1.5 Degrees C

Field Chain-of-Custody Record

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YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME	24.100 / 001	RUSH - Next Day
Address: 85 WILLOW ST NEW HAVEN, CT	Address:	Address:	YOUR Project Name: CHURCH STREET SOUTH	RUSH - Two Day
Phone: 203-627-8303	Phone:	Phone:		RUSH - Three Day
Contact: N. PAYNE	Contact:	Contact:		RUSH - Four Day
E-mail: npayne@payneenvironmental.com	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) ✓
				PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) — Nell Payne

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York; New Jersey; Connecticut ✓; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; CT RCP; EQuIS (Standard); QA Report; CT RCP DQA/DUE; NYSDEC EQuIS; CMDP; NJDEP Reduced; NJDKQP; Standard Excel EDD; Deliverables; NJDEP SRP HazSite; NY ASP B Package; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)
CT-RSRs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-33 (0-2)	Soil	3/19/24 1200	CT-ETPH, As, Pb, PAHs	Glass	1
B-34 (1-5)		1210			1
B-35 (1-5)		1215			1
B-36 (2-5)		1225			1
* B-37 (9-10)		1300			1
* B-37 (12-15) (13-15)		1310			1
* B-38 (10-12)		1330	VOCs	VOAs	5
* B-39 (9-10)		1405			1
					1

Comments: * PETROLEUM ODOR

Preservation: (check all that apply) HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ICE, H2O

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction: Field Filtered ___ Lab to Filter ___

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Nell Payne PAYNE ENV	3/20/24 13:50	CH	3/20/24 13:50	CH	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by: JR	Date/Time: 3/20/24 14:30

Temperature: 1.5 Degrees C

Field Chain-of-Custody Record

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YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME	24.100/001	RUSH - Next Day
Address: 83 WILLOW ST NEW HAVEN, CT	Address:	Address:	YOUR Project Name: CHURCH STREET SOUTH	RUSH - Two Day
Phone: 203.627.8303	Phone.:	Phone.:		RUSH - Three Day
Contact: N. Payne	Contact:	Contact:		RUSH - Four Day
E-mail: npayne@payneenv.com	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) ✓
				PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Neil G. Payne

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York; New Jersey; Connecticut ✓; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; Other:; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in) CT RSRs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-1 (1-3)	SOIL	3/18/24 0810	CT-ETPH, As, Pb, PAHs	GLASS	1
B-2 (1-3)		0830			1
B-3 (0-2)		0850			1
B-4 (0-4)		0915	SPLP Pb		1
B-5 (0-3)		0950			1
B-6 (0-3)		1000			1
B-7 (0-2)		1020			1
B-7 (8-10)		1025			1
B-7 (8-10) D		1025			1
B-8 (0-3)		1050			1

Comments: Add SPLP Pb B-4 (0-4)

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ICE

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Payne Env	3/20/24 13:50	CH	3/20/24 13:50	CH	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	3/20/24 14:30 / 1.5 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24C1260

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YOUR Information	Report To:	Invoice To:
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME
Address: 85 WILLOW ST. NEW HAVEN, CT	Address:	Address:
Phone.: 203.627.8303	Phone.:	Phone.:
Contact: N. PAYNE	Contact:	Contact:
E-mail: npayne@payneenv.com	E-mail:	E-mail:

YOUR Project Number: 24.100/001

YOUR Project Name: CHURCH STREET SOUTH

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Neil G. Payne

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York
- New Jersey
- Connecticut ✓
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

CT RSRs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-9 (1-3)	SOIL	3/18/24 1135	CT-ETPH, RCS, Pb, PAHs SPLP Pb	GLASS JAR	1
B-10 (0-3)		1205			1
B-11 (1-4)		1245			1
B-12 (1-4)		1255			1
B-13 (1-4)		1315			1
B-14 (1-4)		1400			1
B-15 (4-6)		1415			1
B-16 (1-5)		3/19/24 0725			1
B-17 (0-4)		0735			1
B-18 (0-4)		0745			1

Comments:

Add SPLP Pb B-9 (1-3)

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ICE

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Neil G. Payne PAYNE ENV.	3/20/24 13:50	CH	3/20/24 13:50	CH	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				JR	3/20/24 14:30 1.5 Degrees C

Field Chain-of-Custody Record

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YOUR Information	Report To:	Invoice To:
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME
Address: 85 WILLOW ST NEW HAVEN CT	Address	Address
Phone: 203.627.8303	Phone	Phone
Contact: N. PAYNE	Contact	Contact
E-mail: npayne@payneenvironmental.com	E-mail	E-mail

YOUR Project Number: 24.106/101

YOUR Project Name: CHURCH STREET SOUTH

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Neil M. Payne

NEIL PAYNE

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York
- New Jersey
- Connecticut ✓
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

CT RSR

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-19 (0-4)	SOIL	3/19/24 0935	CT-ETPH, As, Pb, Pahs	GLASS	1
B-20 (0-4)		0815		GLASS	1
B-21 (0-4		0830		GLASS	1
B-21 (9-10) *		0835	VOCs	GLASS, VOAs	5
B-22 (1-5)		0855		GLASS	1
B-22 (5-9)		0900			
B-23 (1-5)		0915			1
B-24 (5-6) (4-6)		0925			1
B-25 (1-5)		0945			1
B-26 (1-5)		0955			1

Comments:

* PETROLEUM ODOR

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___

ZnAc ___ Ascorbic Acid ___ Other: ICE, MEOH, N2

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Neil M Payne PAYNE ENV	3/20/24 13:50	CH	3/20/24 13:50	CH	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	3/20/24 14:30 / 1.5 Degrees C

Field Chain-of-Custody Record

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YOUR Information	Report To:	Invoice To:
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME
Address: 85 WILLOW ST NEW HAVEN, CT	Address:	Address:
Phone.: 203.627.8303	Phone.:	Phone.:
Contact: N. PAYNE	Contact:	Contact:
E-mail: npayne@payneenvironmental.com	E-mail:	E-mail:

YOUR Project Number: 24.100 | 001

YOUR Project Name: CHURCH STREET SOUTH

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Neil Payne

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York
New Jersey
Connecticut ✓
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

CT-RSRs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
* B-26 (8-10)	SOIL	3/19/24 1000	CT-ETPH, As, Pb, PAHs VOCs	GLASS, VOAs	5
B-27 (0-4)		1015		GLASS	1
B-28 (1-5)		1025			1
B-29 (1-5)		1035			1
* B-29 (9-10)		1040	VOCs	GLASS, VOAs	5
B-30 (0-2)		1050		GLASS	1
* B-30 (9-10)		1055	VOCs	GLASS, VOA	5
B-31 (1-5)		1110		GLASS	1
* B-31 (9-10)		1115		"	1
B-32 (0-2)		1150		"	1

Comments:

* PETROLEUM ODOR

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ICE, MeOH, ICE

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Payne ENV.	3/20/24 13:50	CT	3/20/24 13:50	CT	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				JR	3/20/24 14:30 / 1.5 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24C1260

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

Page 5 of 5

YOUR Information	Report To:	Invoice To:
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME
Address: 85 WILLOW ST NEW HAVEN, CT	Address:	Address:
Phone: 203-627-8303	Phone:	Phone:
Contact: N. PAYNE	Contact:	Contact:
E-mail: npayne@payneenvironmental.com	E-mail:	E-mail:

YOUR Project Number: 24-100 / 001

YOUR Project Name: CHURCH STREET SOUTH

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) — Neil Payne

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York; New Jersey; Connecticut ✓; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; CT RCP; EQuIS (Standard); QA Report; CT RCP DQA/DUE; NYSDEC EQuIS; CMDP; NJDEP Reduced; NJDKQP; Standard Excel EDD; Deliverables; NJDEP SRP HazSite; NY ASP B Package; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

CT-RSRs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-33 (0-2)	Soil	3/19/24 1200	CT-ETPH, As, Pb, PAHs	Glass	1
B-34 (1-5)		1210			1
B-35 (1-5)		1215			1
B-36 (2-5)		1225			1
* B-37 (9-10)		1300			1
* B-37 (12-15) (13-15)		1310			1
* B-38 (10-12)		1330	VOCs	VOAs	5
* B-39 (9-10)		1405			1
					1

Comments: * PETROLEUM ODOR

Preservation: (check all that apply) HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ICE, H2O

Special Instruction: Field Filtered; Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Neil Payne PAYNE ENV	3/20/24 13:50	CH	3/20/24 13:50	CH	3/20/24 14:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by: JR	Date/Time: 3/20/24 14:30

Temperature: 1.5 Degrees C

Technical Report

prepared for:

Payne Environmental LLC
85 Willow Street, #40
New Haven CT, 06511
Attention: Neil Payne

Report Date: 05/20/2024
Client Project ID: 24.1001001 CHURCH STREET SOUTH
York Project (SDG) No.: 24E0549

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/20/2024
Client Project ID: 24.1001001 CHURCH STREET SOUTH
York Project (SDG) No.: 24E0549

Payne Environmental LLC
85 Willow Street, #40
New Haven CT, 06511
Attention: Neil Payne

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 09, 2024 and listed below. The project was identified as your project: **24.1001001 CHURCH STREET SOUTH**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24E0549-01	B-40 (8-10)	Soil	05/08/2024	05/09/2024
24E0549-02	B-41 (8-10)	Soil	05/08/2024	05/09/2024
24E0549-03	B-42 (8-10)	Soil	05/08/2024	05/09/2024
24E0549-04	B-42 (10-12)	Soil	05/08/2024	05/09/2024
24E0549-05	B-43 (10-12)	Soil	05/08/2024	05/09/2024
24E0549-06	B-44 (9-11)	Soil	05/08/2024	05/09/2024
24E0549-07	B-45 (8-10)	Soil	05/08/2024	05/09/2024
24E0549-08	B-46 (8-10)	Soil	05/08/2024	05/09/2024
24E0549-09	B-47 (8-10)	Soil	05/08/2024	05/09/2024
24E0549-10	B-48 (9-11)	Soil	05/08/2024	05/09/2024
24E0549-11	B-49 (8-10)	Soil	05/08/2024	05/09/2024
24E0549-12	B-50 (10-12)	Soil	05/08/2024	05/09/2024
24E0549-13	B-51 (10-12)	Soil	05/08/2024	05/09/2024
24E0549-14	B-52 (10-12)	Soil	05/08/2024	05/09/2024
24E0549-15	B-53 (10-12)	Soil	05/08/2024	05/09/2024
24E0549-16	B-54 (10-12)	Soil	05/08/2024	05/09/2024
24E0549-17	B-55 (10-12)	Soil	05/08/2024	05/09/2024
24E0549-18	B-56 (10-12)	Soil	05/08/2024	05/09/2024

General Notes for York Project (SDG) No.: 24E0549

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:  **Date:** 05/20/2024

Cassie L Mosher
Laboratory Manager

Sample Information

Client Sample ID: **B-40 (8-10)** | **York Sample ID:** **24E0549-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 8:20 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	47.2	1	CT DEP ETPH	05/13/2024 11:55	05/14/2024 14:50	GXB
	Surrogate Recoveries	**Result**		**Acceptance Range**						
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*63.9 %*		*50-150*						

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**79.9**		%	0.100	1	SM 2540G	05/14/2024 13:25	05/14/2024 15:31	HLY

Sample Information

Client Sample ID: **B-41 (8-10)** | **York Sample ID:** **24E0549-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 8:30 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	48.7	1	CT DEP ETPH	05/13/2024 11:55	05/14/2024 15:28	GXB
	Surrogate Recoveries	**Result**		**Acceptance Range**						
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*69.4 %*		*50-150*						

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**80.5**		%	0.100	1	SM 2540G	05/14/2024 13:25	05/14/2024 15:31	HLY

Sample Information

Client Sample ID: B-42 (8-10) **York Sample ID:** 24E0549-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 9:10 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**53.8**		mg/kg dry	43.0	1	CT DEP ETPH	05/13/2024 11:55	05/14/2024 16:06	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*60.2 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**87.8**		%	0.100	1	SM 2540G	05/14/2024 13:25	05/14/2024 15:31	HLY

Sample Information

Client Sample ID: B-42 (10-12) **York Sample ID:** 24E0549-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 9:15 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**4070**		mg/kg dry	922	20	CT DEP ETPH	05/13/2024 11:55	05/15/2024 20:53	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*90.4 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**81.1**		%	0.100	1	SM 2540G	05/14/2024 13:25	05/14/2024 15:31	HLY

Sample Information

Client Sample ID: B-43 (10-12) **York Sample ID:** 24E0549-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 9:20 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	46.7	1	CT DEP ETPH	05/13/2024 11:55	05/14/2024 17:24	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*62.1 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**78.5**		%	0.100	1	SM 2540G	05/14/2024 07:40	05/14/2024 12:35	HLY

Sample Information

Client Sample ID: B-44 (9-11) **York Sample ID:** 24E0549-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 9:40 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**91.6**		mg/kg dry	60.1	1	CT DEP ETPH	05/13/2024 11:55	05/14/2024 18:02	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*55.8 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**65.9**		%	0.100	1	SM 2540G	05/14/2024 07:42	05/14/2024 14:59	HLY

Sample Information

Client Sample ID: B-45 (8-10) **York Sample ID:** 24E0549-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 9:50 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	48.6	1	CT DEP ETPH	05/10/2024 08:55	05/11/2024 12:57	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*64.0 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**81.4**		%	0.100	1	SM 2540G	05/15/2024 07:41	05/15/2024 11:52	HLY

Sample Information

Client Sample ID: B-46 (8-10) **York Sample ID:** 24E0549-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 10:10 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**48.2**		mg/kg dry	45.9	1	CT DEP ETPH	05/10/2024 08:55	05/11/2024 13:35	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*87.5 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**86.2**		%	0.100	1	SM 2540G	05/15/2024 07:41	05/15/2024 11:52	HLY

Sample Information

Client Sample ID: B-47 (8-10) **York Sample ID:** 24E0549-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 10:20 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	44.0	1	CT DEP ETPH	05/10/2024 08:55	05/11/2024 14:14	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*93.9 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.1**		%	0.100	1	SM 2540G	05/15/2024 07:41	05/15/2024 11:52	HLY

Sample Information

Client Sample ID: B-48 (9-11) **York Sample ID:** 24E0549-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 10:45 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**10300**		mg/kg dry	4320	100	CT DEP ETPH	05/10/2024 08:55	05/12/2024 04:16	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*102 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**87.4**		%	0.100	1	SM 2540G	05/15/2024 07:41	05/15/2024 11:52	HLY

Sample Information

Client Sample ID: B-49 (8-10) **York Sample ID:** 24E0549-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 11:00 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**7210**		mg/kg dry	2550	50	CT DEP ETPH	05/10/2024 08:55	05/12/2024 04:54	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*75.0 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**77.7**		%	0.100	1	SM 2540G	05/15/2024 07:43	05/15/2024 15:16	HLY

Sample Information

Client Sample ID: B-50 (10-12) **York Sample ID:** 24E0549-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 11:50 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**3480**		mg/kg dry	876	20	CT DEP ETPH	05/10/2024 08:55	05/12/2024 16:25	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*127 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**85.3**		%	0.100	1	SM 2540G	05/15/2024 07:43	05/15/2024 15:16	HLY

Sample Information

Client Sample ID: B-51 (10-12) **York Sample ID:** 24E0549-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 11:50 am	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**11700**		mg/kg dry	2340	50	CT DEP ETPH	05/10/2024 08:55	05/12/2024 17:03	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*110 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**82.9**		%	0.100	1	SM 2540G	05/15/2024 07:43	05/15/2024 15:16	HLY

Sample Information

Client Sample ID: B-52 (10-12) **York Sample ID:** 24E0549-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 12:15 pm	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**6450**		mg/kg dry	2420	50	CT DEP ETPH	05/10/2024 08:55	05/14/2024 11:02	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*54.6 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**77.2**		%	0.100	1	SM 2540G	05/15/2024 07:43	05/15/2024 15:16	HLY

Sample Information

Client Sample ID: B-53 (10-12) **York Sample ID:** 24E0549-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 12:40 pm	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**3200**		mg/kg dry	970	20	CT DEP ETPH	05/10/2024 08:55	05/14/2024 11:40	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*83.0 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**81.7**		%	0.100	1	SM 2540G	05/15/2024 07:43	05/15/2024 15:16	HLY

Sample Information

Client Sample ID: B-54 (10-12) **York Sample ID:** 24E0549-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 12:55 pm	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	47.5	1	CT DEP ETPH	05/10/2024 08:55	05/11/2024 19:20	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*85.7 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**83.4**		%	0.100	1	SM 2540G	05/15/2024 07:43	05/15/2024 15:16	HLY

Sample Information

Client Sample ID: B-55 (10-12) **York Sample ID:** 24E0549-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 1:10 pm	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	50.3	1	CT DEP ETPH	05/10/2024 08:55	05/11/2024 19:59	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*63.1 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**78.8**		%	0.100	1	SM 2540G	05/15/2024 07:43	05/15/2024 15:16	HLY

Sample Information

Client Sample ID: B-56 (10-12) **York Sample ID:** 24E0549-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E0549	24.1001001 CHURCH STREET SOUTH	Soil	May 8, 2024 1:20 pm	05/09/2024

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	47.2	1	CT DEP ETPH	05/10/2024 08:55	05/11/2024 20:37	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*74.7 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**83.9**		%	0.100	1	SM 2540G	05/15/2024 07:43	05/15/2024 15:16	HLY

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

RCP Methods Used: See Narrative and Method Reference Section of this Technical Report

	Yes / No / NA /NR
1) For each analytical method referenced in this laboratory, report package, were all sepcified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP RCPs)?	YES
1A) Were the method specified preservation, and holding time requirements met?	YES
1B) VPH and EPH Methods only: Was the method conducted without significant modifications (See section 11.3 of respective RCP methods)	NR
2) Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of custody document(s)?	YES
3) Were samples received at an appropriate temperature (< or = 6°C)?	YES
4) Were all QA/QC performance criteria specified in theCTDEP Reasonable Confidence Protocol documents achieved ?	YES
5 a) Were reporting limits specified or referenced on the chain-of-custody?	YES
5 b) Were these reporting limits met?	YES
6) For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	YES
7) Are project-specific matrix spikes and laboratory duplicates included in this data set?	NO

Notes: For all questions to which the response was No (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for Reasonable Confidence". This form may not be altered and all question should be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and
based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: 

Position: Laboratory Manager

Printed name: Cassie L. Mosher

Date: 5/20/2024

York Narrative- CTDEEP RCP Introduction

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - BIAS Summary Report-Multiple Lines of Evidence
    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 24E0549

Client : Payne Environmental LLC

Client Project ID : 24.1001001 CHURCH STREET SOUTH

Prepared for : Neil Payne

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 05/09/2024 8:50 AM

18 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{2.3}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
B-40 (8-10)	24E0549-01	Soil	05/08/2024 8:20 AM	05/09/2024 8:50 AM
B-41 (8-10)	24E0549-02	Soil	05/08/2024 8:30 AM	05/09/2024 8:50 AM
B-42 (8-10)	24E0549-03	Soil	05/08/2024 9:10 AM	05/09/2024 8:50 AM
B-42 (10-12)	24E0549-04	Soil	05/08/2024 9:15 AM	05/09/2024 8:50 AM
B-43 (10-12)	24E0549-05	Soil	05/08/2024 9:20 AM	05/09/2024 8:50 AM
B-44 (9-11)	24E0549-06	Soil	05/08/2024 9:40 AM	05/09/2024 8:50 AM
B-45 (8-10)	24E0549-07	Soil	05/08/2024 9:50 AM	05/09/2024 8:50 AM
B-46 (8-10)	24E0549-08	Soil	05/08/2024 10:10 AM	05/09/2024 8:50 AM
B-47 (8-10)	24E0549-09	Soil	05/08/2024 10:20 AM	05/09/2024 8:50 AM
B-48 (9-11)	24E0549-10	Soil	05/08/2024 10:45 AM	05/09/2024 8:50 AM
B-49 (8-10)	24E0549-11	Soil	05/08/2024 11:00 AM	05/09/2024 8:50 AM
B-50 (10-12)	24E0549-12	Soil	05/08/2024 11:50 AM	05/09/2024 8:50 AM
B-51 (10-12)	24E0549-13	Soil	05/08/2024 11:50 AM	05/09/2024 8:50 AM
B-52 (10-12)	24E0549-14	Soil	05/08/2024 12:15 PM	05/09/2024 8:50 AM
B-53 (10-12)	24E0549-15	Soil	05/08/2024 12:40 PM	05/09/2024 8:50 AM
B-54 (10-12)	24E0549-16	Soil	05/08/2024 12:55 PM	05/09/2024 8:50 AM
B-55 (10-12)	24E0549-17	Soil	05/08/2024 1:10 PM	05/09/2024 8:50 AM
B-56 (10-12)	24E0549-18	Soil	05/08/2024 1:20 PM	05/09/2024 8:50 AM

WorkOrder Comments

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
GC	EPA 3545A	CT DEP ETPH
GC	EPA SW846-3510C Low Level	CT DEP ETPH
WET	% Solids Prep	SM 2540G

Analyte List

Method	Analyte
CT DEP ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)
SM 2540G	% Solids

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

4.0 Analysis Issues

CT DEP ETPH

Extractable Total Petroleum Hydrocarbons (ETPH)

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA40030

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA40030	S4A1907	S4A1907	Secondary Cal Check	S4A1907-SCV1	HP FID 3	G8009735.D
SA40030	S4E1408	S4E1408	Calibration Check	S4E1408-CCV1	HP FID 3	G8011154.D
SA40030	BE40720	S4E1408	Blank	BE40720-BLK1	HP FID 3	G8011155.D
SA40030	BE40720	S4E1408	LCS	BE40720-BS1	HP FID 3	G8011156.D
SA40030	BE40720	S4E1408	B-45 (8-10)	24E0549-07	HP FID 3	G8011157.D
SA40030	BE40720	S4E1408	B-46 (8-10)	24E0549-08	HP FID 3	G8011158.D
SA40030	BE40720	S4E1408	B-47 (8-10)	24E0549-09	HP FID 3	G8011159.D
SA40030	S4E1408	S4E1408	Calibration Check	S4E1408-CCV2	HP FID 3	G8011165.D
SA40030	BE40720	S4E1408	B-54 (10-12)	24E0549-16	HP FID 3	G8011167.D
SA40030	BE40720	S4E1408	B-55 (10-12)	24E0549-17	HP FID 3	G8011168.D
SA40030	BE40720	S4E1408	B-56 (10-12)	24E0549-18	HP FID 3	G8011169.D
SA40030	S4E1408	S4E1408	Calibration Check	S4E1408-CCV3	HP FID 3	G8011176.D
SA40030	BE40720	S4E1408	B-48 (9-11)	24E0549-10	HP FID 3	G8011181.D
SA40030	BE40720	S4E1408	B-49 (8-10)	24E0549-11	HP FID 3	G8011182.D
SA40030	S4E1408	S4E1408	Calibration Check	S4E1408-CCV4	HP FID 3	G8011183.D
SA40030	S4E1408	S4E1408	Calibration Check	S4E1408-CCV5	HP FID 3	G8011194.D
SA40030	BE40720	S4E1408	B-50 (10-12)	24E0549-12	HP FID 3	G8011200.D
SA40030	BE40720	S4E1408	B-51 (10-12)	24E0549-13	HP FID 3	G8011201.D
SA40030	S4E1408	S4E1408	Calibration Check	S4E1408-CCV6	HP FID 3	G8011202.D
SA40030	S4E1432	S4E1432	Calibration Check	S4E1432-CCV1	HP FID 3	G8011204.D
SA40030	BE40720	S4E1432	B-52 (10-12)	24E0549-14	HP FID 3	G8011207.D
SA40030	BE40720	S4E1432	B-53 (10-12)	24E0549-15	HP FID 3	G8011208.D
SA40030	S4E1432	S4E1432	Calibration Check	S4E1432-CCV2	HP FID 3	G8011210.D
SA40030	BE40864	S4E1432	Blank	BE40864-BLK1	HP FID 3	G8011211.D
SA40030	BE40864	S4E1432	LCS	BE40864-BS1	HP FID 3	G8011212.D
SA40030	BE40864	S4E1432	B-40 (8-10)	24E0549-01	HP FID 3	G8011213.D
SA40030	BE40864	S4E1432	B-41 (8-10)	24E0549-02	HP FID 3	G8011214.D
SA40030	BE40864	S4E1432	B-42 (8-10)	24E0549-03	HP FID 3	G8011215.D
SA40030	BE40864	S4E1432	B-43 (10-12)	24E0549-05	HP FID 3	G8011217.D
SA40030	BE40864	S4E1432	B-44 (9-11)	24E0549-06	HP FID 3	G8011218.D
SA40030	S4E1432	S4E1432	Calibration Check	S4E1432-CCV3	HP FID 3	G8011221.D
SA40030	S4E1432	S4E1432	Calibration Check	S4E1432-CCV4	HP FID 3	G8011232.D
SA40030	S4E1432	S4E1432	Calibration Check	S4E1432-CCV5	HP FID 3	G8011237.D
SA40030	S4E1543	S4E1543	Calibration Check	S4E1543-CCV1	HP FID 3	G8011239.D
SA40030	S4E1543	S4E1543	Calibration Check	S4E1543-CCV2	HP FID 3	G8011249.D
SA40030	BE40864	S4E1543	B-42 (10-12)	24E0549-04	HP FID 3	G8011258.D

4.0 Analysis Issues

SA40030	S4E1543	S4E1543	Calibration Check	S4E1543-CCV3	HP FID 3	G8011259.D

4.0 Analysis Issues

Initial calibration for CT DEP ETPH exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA40030	HP FID 3	1/18/2024 7:03:11 AM	G8009725.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
ETPH (Extractable Total Petroleum Hydrocarbons)		15			0.93872	**out**		LR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4A1907-SCV1		G8009735.D
Calibration Check	S4E1408-CCV1		G8011154.D
Blank	BE40720-BLK1		G8011155.D
LCS	BE40720-BS1		G8011156.D
B-45 (8-10)	24E0549-07		G8011157.D
B-46 (8-10)	24E0549-08		G8011158.D
B-47 (8-10)	24E0549-09		G8011159.D
Calibration Check	S4E1408-CCV2		G8011165.D
B-54 (10-12)	24E0549-16		G8011167.D
B-55 (10-12)	24E0549-17		G8011168.D
B-56 (10-12)	24E0549-18		G8011169.D
Calibration Check	S4E1408-CCV3		G8011176.D
B-48 (9-11)	24E0549-10		G8011181.D
B-49 (8-10)	24E0549-11		G8011182.D
Calibration Check	S4E1408-CCV4		G8011183.D
Calibration Check	S4E1408-CCV5		G8011194.D
B-50 (10-12)	24E0549-12		G8011200.D
B-51 (10-12)	24E0549-13		G8011201.D
Calibration Check	S4E1408-CCV6		G8011202.D
Calibration Check	S4E1432-CCV1		G8011204.D
B-52 (10-12)	24E0549-14		G8011207.D
B-53 (10-12)	24E0549-15		G8011208.D
Calibration Check	S4E1432-CCV2		G8011210.D
Blank	BE40864-BLK1		G8011211.D
LCS	BE40864-BS1		G8011212.D
B-40 (8-10)	24E0549-01		G8011213.D
B-41 (8-10)	24E0549-02		G8011214.D
B-42 (8-10)	24E0549-03		G8011215.D
B-43 (10-12)	24E0549-05		G8011217.D
B-44 (9-11)	24E0549-06		G8011218.D
Calibration Check	S4E1432-CCV3		G8011221.D
Calibration Check	S4E1432-CCV4		G8011232.D
Calibration Check	S4E1432-CCV5		G8011237.D
Calibration Check	S4E1543-CCV1		G8011239.D

4.0 Analysis Issues

Calibration Check	S4E1543-CCV2	G8011249.D
B-42 (10-12)	24E0549-04	G8011258.D
Calibration Check	S4E1543-CCV3	G8011259.D

CT DEP ETPH

Initial Calibration Verification-

The initial calibration verification for analytical method CT DEP ETPH
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA40030	S4E1408	S4E1408-CCV1	G8011154.D	05/11/24 11:02
SA40030	S4E1408	S4E1408-CCV2	G8011165.D	05/11/24 18:04
SA40030	S4E1408	S4E1408-CCV3	G8011176.D	05/12/24 01:05
SA40030	S4E1408	S4E1408-CCV4	G8011183.D	05/12/24 05:32
SA40030	S4E1408	S4E1408-CCV5	G8011194.D	05/12/24 12:33
SA40030	S4E1408	S4E1408-CCV6	G8011202.D	05/12/24 17:42
SA40030	S4E1432	S4E1432-CCV1	G8011204.D	05/14/24 09:07
SA40030	S4E1432	S4E1432-CCV2	G8011210.D	05/14/24 12:56
SA40030	S4E1432	S4E1432-CCV3	G8011221.D	05/14/24 19:57
SA40030	S4E1432	S4E1432-CCV4	G8011232.D	05/15/24 02:58
SA40030	S4E1432	S4E1432-CCV5	G8011237.D	05/15/24 06:10
SA40030	S4E1543	S4E1543-CCV1	G8011239.D	05/15/24 08:48
SA40030	S4E1543	S4E1543-CCV2	G8011249.D	05/15/24 15:10
SA40030	S4E1543	S4E1543-CCV3	G8011259.D	05/15/24 21:31

The continuing calibration verification recovered within method limits.

CT DEP ETPH

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
GC	BE40720	S4E1408	HP FID 3	BE40720-BLK1	G8011155.D
GC	BE40864	S4E1432	HP FID 3	BE40864-BLK1	G8011211.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA40030	4E1408	BE40720-BS1	LCS	G8011156.D
SA40030	4E1432	BE40864-BS1	LCS	G8011212.D

CT DEP ETPH

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
CT DEP ETPH	BE40864	B-42 (10-12)	24E0549-04	20
CT DEP ETPH	BE40720	B-48 (9-11)	24E0549-10	100
CT DEP ETPH	BE40720	B-49 (8-10)	24E0549-11	50
CT DEP ETPH	BE40720	B-50 (10-12)	24E0549-12	20
CT DEP ETPH	BE40720	B-51 (10-12)	24E0549-13	50
CT DEP ETPH	BE40720	B-52 (10-12)	24E0549-14	50
CT DEP ETPH	BE40720	B-53 (10-12)	24E0549-15	20

CT DEP ETPH

Internal Standards / Surrogates

Surrogate Issues: No issues were encountered.

York Analytical Laboratories, Inc.

Formulae Used for Sample Calculations

1. Volatiles in Air-ppbv

Cx (ppbv) = Compound concentration, ppbv (parts per billion by volume)

$$Cx = \frac{(Ax)(Cis)(DF)}{(Ais)(RRF)}$$

2. Volatiles in Air-ug/m³

Cx (ug/m³)= Compound concentration in ug/m³

$$Cx\ (ug/m^3) = \frac{(ppbv \times Molecular\ wt.)}{(24.040)}$$

3. Volatile Organics (water and soil), ug/L or ug/kg

Soils/Waters

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%\ solids)}$$

Medium Level Soils

$$Cx = \frac{(Ax)(IS)(VT)(1000)(DF)}{(Ais)(RRF)(VA)(V)(\%\ solids)}$$

4. Semi-Volatiles (waters and soils)

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

5. Pesticides/PCB (waters and soils), DRO, CTETPH

$$Cx = \frac{(Ax)(VE)(DF)}{(CF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

WHERE:

Cx = concentration of analyte as ug/L or ug/kg

Ax = Area of the characteristic ion for the compound to be measured, counts.

Ais = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF = Mean relative response factor from the initial calibration.

DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1

V = Volume for liquids in mL, weight for soils/solids in grams.

VA = volume of MeOH aliquot for medium level soils

VE = final volume of concentrated extract

VT = volume of MeOH for volatiles medium level soils

CF = calibration factor for external calibration used in GC pest/pcb

Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: BE40720 **Preparation Method:** EPA 3546 ETPH **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24E0549-07	B-45 (8-10)	05/10/24
24E0549-08	B-46 (8-10)	05/10/24
24E0549-09	B-47 (8-10)	05/10/24
24E0549-10	B-48 (9-11)	05/10/24
24E0549-11	B-49 (8-10)	05/10/24
24E0549-12	B-50 (10-12)	05/10/24
24E0549-13	B-51 (10-12)	05/10/24
24E0549-14	B-52 (10-12)	05/10/24
24E0549-15	B-53 (10-12)	05/10/24
24E0549-16	B-54 (10-12)	05/10/24
24E0549-17	B-55 (10-12)	05/10/24
24E0549-18	B-56 (10-12)	05/10/24
BE40720-BLK1	Blank	05/10/24
BE40720-BS1	LCS	05/10/24

Batch ID: BE40864 **Preparation Method:** EPA 3546 ETPH **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24E0549-01	B-40 (8-10)	05/13/24
24E0549-02	B-41 (8-10)	05/13/24
24E0549-03	B-42 (8-10)	05/13/24
24E0549-04	B-42 (10-12)	05/13/24
24E0549-05	B-43 (10-12)	05/13/24
24E0549-06	B-44 (9-11)	05/13/24
BE40864-BLK1	Blank	05/13/24
BE40864-BS1	LCS	05/13/24

Batch ID: BE40893 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24E0549-05	B-43 (10-12)	05/14/24

Batch ID: BE40894 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24E0549-06	B-44 (9-11)	05/14/24

Batch ID: BE40898 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24E0549-01	B-40 (8-10)	05/14/24
24E0549-02	B-41 (8-10)	05/14/24
24E0549-03	B-42 (8-10)	05/14/24

24E0549-04	B-42 (10-12)	05/14/24

Batch ID: BE40984 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24E0549-07	B-45 (8-10)	05/15/24
24E0549-08	B-46 (8-10)	05/15/24
24E0549-09	B-47 (8-10)	05/15/24
24E0549-10	B-48 (9-11)	05/15/24
BE40984-DUP1	Duplicate	05/15/24

Batch ID: BE40986 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24E0549-11	B-49 (8-10)	05/15/24
24E0549-12	B-50 (10-12)	05/15/24
24E0549-13	B-51 (10-12)	05/15/24
24E0549-14	B-52 (10-12)	05/15/24
24E0549-15	B-53 (10-12)	05/15/24
24E0549-16	B-54 (10-12)	05/15/24
24E0549-17	B-55 (10-12)	05/15/24
24E0549-18	B-56 (10-12)	05/15/24

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40720 - EPA 3546 ETPH											
Blank (BE40720-BLK1)									Prepared: 05/10/2024 Analyzed: 05/11/2024		
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	39.6	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*8.43*		"	*9.90*		*85.1*	*50-150*				
LCS (BE40720-BS1)									Prepared: 05/10/2024 Analyzed: 05/11/2024		
ETPH (Extractable Total Petroleum Hydrocarbons)	68.7	39.6	mg/kg wet	74.3		92.5	39.8-123				
Surrogate: 1-Chlorooctadecane	*8.97*		"	*9.90*		*90.6*	*50-150*				
Batch BE40864 - EPA 3546 ETPH											
Blank (BE40864-BLK1)									Prepared: 05/13/2024 Analyzed: 05/14/2024		
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	39.6	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*7.72*		"	*9.90*		*78.0*	*50-150*				
LCS (BE40864-BS1)									Prepared: 05/13/2024 Analyzed: 05/14/2024		
ETPH (Extractable Total Petroleum Hydrocarbons)	56.3	39.6	mg/kg wet	74.3		75.9	39.8-123				
Surrogate: 1-Chlorooctadecane	*6.14*		"	*9.90*		*62.1*	*50-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40984 - % Solids Prep											
Duplicate (BE40984-DUP1)	*Source sample: 24E0549-09 (B-47 (8-10))								Prepared & Analyzed: 05/15/2024		
% Solids	90.1	0.100	%		90.1				0.00777	20	

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24E0549

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME
Address: 85 WILLOW ST NEW HAVEN, CT 06511	Address:	Address:
Phone.: 203.627.8303	Phone.:	Phone.:
Contact: N. PAYNE	Contact:	Contact:
E-mail: npayne@payneenv.com	E-mail:	E-mail:

YOUR Project Number: 24.100/001

YOUR Project Name: CHURCH STREET SOUTH

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Neil G. Payne

Samples Collected by: (print AND sign your name)

Matrix Codes

- S soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York
- New Jersey
- Connecticut ✓
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

Summary Report	CT RCP	EQuIS (Standard)
QA Report	CT RCP DQA/DUE	NYSDEC EQuIS
CMDP	NJDEP Reduced	NJDKQP
Standard Excel EDD	Deliverables	NJDEP SRP HazSite
NY ASP B Package	Other:	

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

CT-RSRs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-40 (8-10)	SOIL	5/8/24 0820	CT-ETPH	8oz GLASS	1
B-41 (8-10)		0830			1
B-42 (8-10)		0910			1
B-42 (10-12)		0915			1
B-43 (10-12)		0920			1
B-44 (9-11)		0940			1
B-45 (8-10)		0950			1
B-46 (8-10)		1010			1
B-47 (8-10)		1020			1
B-48 (9-11)		1045			1

Comments:

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ICE

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Neil G. Payne PAYNE ENV	5/9/24 0850				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	5/9/24 8:50 / 2.3 Degrees C

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24E0549

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

Page 2 of 2

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PAYNE ENVIRONMENTAL	Company: SAME	Company: SAME	24,100/001	RUSH - Next Day
Address: 85 WILLOW ST NEW HAVEN, CT 06511	Address:	Address:	YOUR Project Name	RUSH - Two Day / RUSH - Three Day
Phone: 203.627.8303	Phone.:	Phone.:	CHURCH STREET SOUTH	RUSH - Four Day
Contact: N. PAYNE	Contact:	Contact:		RUSH - Five Day
E-mail: npayne@paynecorp.com	E-mail:	E-mail:	YOUR PO#:	Standard (6-9 Day) ✓ PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

[signature] NEIL G. PAYNE
Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
(S) - soil / solid	New York	Summary Report	CT RCP	EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	(CT RCP DQA/DUE)	NYSDEC EQuIS	CT - RSRS
DW - drinking water	Connecticut ✓	CMDP	NJDEP Reduced Deliverables	NJDKQP	
WW - wastewater	Pennsylvania	(Standard Excel EDD) ✓		NJDEP SRP HazSite	
O - Oil / Other	Other:	NY ASP B Package	Other:		

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
B-49 (8-10)	SOIL	5/8/24 1100	CT-ETPH	8oz GLASS	1
B-50 (10-12)	↓	↓ 1150	↓	↓	1
B-51 (10-12)		1215			1
B-52 (10-12)		1225			1
B-53 (10-12)		1240			1
B-54 (10-12)		1255			1
B-55 (10-12)		1310			1
B-56 (10-12)		1320			1

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ICE

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature] PAYNE ENV	5/9/24 0850	—			
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[signature]	5/9/24 8:50

Temperature 2.3 Degrees C