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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

Pilgrim Village Sublot 3

JOB NUMBER

480-229175-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A- L low-level specifications.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-229175-1 Eurofins Buffalo

Job Narrative
480-229175-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/2/2025 5:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.7°C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-745260 recovered above the upper control limit for 2-Butanone (MEK). The samples associated with this CCV were non-detect above the reporting limit for the affected analyte; therefore, the data have been reported. The associated samples are:BH1 1-4' (480-229175-1), BH2 1-4' (480-229175-2), BH3 1-4' (480-229175-3), BH4 1-4' (480-229175-4), BH5 1-4' (480-229175-5), BH6 1-4' (480-229175-6), BH7 1-4' (480-229175-7), BH9 1-4' (480-229175-8) and BH10 1-4' (480-229175-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-745395 was outside the method criteria for the following analyte: Phenol-d5 (Surr). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated. The following associated sample is impacted: TW2 (480-229175-11).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-745395 recovered outside acceptance criteria, low biased, for 1,4-Dioxane, 3-Methylphenol, 4-Methylphenol and Phenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte, the data are reported. The following associated sample is impacted: TW2 (480-229175-11).

Method 8270D: The following samples were diluted due to color, appearance, and viscosity: BH4 1-4' (480-229175-4), BH7 1-4' (480-229175-7), (480-229175-A-4-C MS) and (480-229175-A-4-D MSD). Elevated reporting limits (RL) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-745353 is outside the acceptance criteria for the following analytes: total Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 7470A: Due to interference with the sample matrix, the standard mercury preparation procedure was inadequate for the following samples(s): TW1 (480-229175-10). This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample(s) was prepared and analyzed at a 30x dilution, which maintained the purple color during digestion.

Method 7470A: Due to interference with the sample matrix, the standard mercury preparation procedure was inadequate for the following samples(s): TW2 (480-229175-11). This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample(s) was prepared and analyzed at a 3x dilution, which maintained the purple color during digestion.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Buffalo

Job ID: 480-229175-1 (Continued) Eurofins Buffalo

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: BH1 1-4'
Lab Sample ID: 480-229175-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.1	J vs	29	2.1	ug/Kg	1	☼	8260C	Total/NA
Acetone	17	J vs	29	4.9	ug/Kg	1	☼	8260C	Total/NA
Chloroform	1.3	J B vs	5.8	0.36	ug/Kg	1	☼	8260C	Total/NA
Acenaphthene	180	J	200	29	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	69	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Anthracene	450		200	49	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	800		200	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	710		200	29	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	780		200	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	430		200	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	450		200	26	ug/Kg	1	☼	8270D	Total/NA
Chrysene	750		200	45	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	140	J	200	35	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	140	J	200	23	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1900		200	21	ug/Kg	1	☼	8270D	Total/NA
Fluorene	200		200	23	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	380		200	25	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	49	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	1700		200	29	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1500		200	23	ug/Kg	1	☼	8270D	Total/NA
Arsenic	3.8		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	65.2		0.62	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.33		0.25	0.049	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.16	J	0.25	0.087	mg/Kg	1	☼	6010D	Total/NA
Chromium	8.5		0.62	0.44	mg/Kg	1	☼	6010D	Total/NA
Copper	12.4		1.2	0.70	mg/Kg	1	☼	6010D	Total/NA
Manganese	317		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Nickel	7.8		6.2	0.31	mg/Kg	1	☼	6010D	Total/NA
Lead	67.3		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Zinc	59.3		2.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.21		0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH2 1-4'
Lab Sample ID: 480-229175-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.4	J B vs	5.9	0.36	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	130	J	200	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	140	J	200	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	180	J	200	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	100	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	78	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Chrysene	140	J	200	45	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	260		200	21	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	83	J	200	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	130	J	200	30	ug/Kg	1	☼	8270D	Total/NA
Pyrene	210		200	24	ug/Kg	1	☼	8270D	Total/NA
Silver	0.33	J ^5-	0.68	0.23	mg/Kg	1	☼	6010D	Total/NA
Arsenic	6.9		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	129		0.62	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.57		0.23	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.43		0.23	0.079	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: BH2 1-4' (Continued)
Lab Sample ID: 480-229175-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	15.3		0.57	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	29.3		1.1	0.65	mg/Kg	1	☼	6010D	Total/NA
Manganese	456		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	15.9		5.7	0.28	mg/Kg	1	☼	6010D	Total/NA
Lead	347		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Zinc	136		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	2.3		0.23	0.053	mg/Kg	10	☼	7471B	Total/NA

Client Sample ID: BH3 1-4'
Lab Sample ID: 480-229175-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.2	J vs	33	2.4	ug/Kg	1	☼	8260C	Total/NA
Acetone	42	vs	33	5.6	ug/Kg	1	☼	8260C	Total/NA
Chloroform	1.5	J B vs	6.7	0.41	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	43	J	230	23	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	39	J	230	34	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	56	J	230	37	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	28	J	230	25	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	89	J	230	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	48	J	230	34	ug/Kg	1	☼	8270D	Total/NA
Pyrene	68	J	230	27	ug/Kg	1	☼	8270D	Total/NA
Silver	0.32	J ^5-	0.85	0.28	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.8		2.8	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	179		0.70	0.20	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.67		0.28	0.056	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.49		0.28	0.099	mg/Kg	1	☼	6010D	Total/NA
Chromium	19.6		0.71	0.51	mg/Kg	1	☼	6010D	Total/NA
Copper	18.3		1.4	0.80	mg/Kg	1	☼	6010D	Total/NA
Manganese	256		1.4	0.40	mg/Kg	1	☼	6010D	Total/NA
Nickel	14.0		7.1	0.35	mg/Kg	1	☼	6010D	Total/NA
Lead	90.5		1.4	0.65	mg/Kg	1	☼	6010D	Total/NA
Zinc	112		2.8	1.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.46		0.027	0.0061	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH4 1-4'
Lab Sample ID: 480-229175-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3	J B vs	6.4	0.40	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	150	J	1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	180	J	1100	170	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	290	J	1100	120	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	200	J	1100	160	ug/Kg	5	☼	8270D	Total/NA
Pyrene	220	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Silver	0.34	J ^5-	0.76	0.25	mg/Kg	1	☼	6010D	Total/NA
Arsenic	9.1		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	93.2		0.62	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.75		0.25	0.051	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.22	J	0.25	0.089	mg/Kg	1	☼	6010D	Total/NA
Chromium	18.5		0.64	0.46	mg/Kg	1	☼	6010D	Total/NA
Copper	21.2		1.3	0.72	mg/Kg	1	☼	6010D	Total/NA
Manganese	416		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Nickel	20.9		6.4	0.32	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH4 1-4' (Continued)
Lab Sample ID: 480-229175-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	85.9		1.3	0.58	mg/Kg	1	☼	6010D	Total/NA
Zinc	86.5		2.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.098		0.026	0.0059	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH5 1-4'
Lab Sample ID: 480-229175-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3	J B vs	5.7	0.35	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	86	J	200	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	69	J	200	29	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	94	J	200	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	46	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	38	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Chrysene	81	J	200	44	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	170	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	38	J	200	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	150	J	200	29	ug/Kg	1	☼	8270D	Total/NA
Pyrene	130	J	200	23	ug/Kg	1	☼	8270D	Total/NA
Arsenic	3.0		2.3	0.99	mg/Kg	1	☼	6010D	Total/NA
Barium	211		0.58	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.39		0.23	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25		0.23	0.079	mg/Kg	1	☼	6010D	Total/NA
Chromium	10.1		0.56	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	13.2		1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Manganese	268		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	9.0		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Lead	83.4		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Zinc	112		2.3	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.079		0.024	0.0054	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH6 1-4'
Lab Sample ID: 480-229175-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3	J B vs	5.9	0.36	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	130	J	200	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	120	J	200	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	150	J	200	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	75	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	70	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Chrysene	130	J	200	45	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	250		200	21	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	63	J	200	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	140	J	200	30	ug/Kg	1	☼	8270D	Total/NA
Pyrene	210		200	24	ug/Kg	1	☼	8270D	Total/NA
Silver	0.34	J ^5-	0.69	0.23	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.0		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	101		0.61	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.50		0.23	0.046	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.23		0.23	0.081	mg/Kg	1	☼	6010D	Total/NA
Chromium	14.0		0.58	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	15.8		1.2	0.66	mg/Kg	1	☼	6010D	Total/NA
Manganese	371		1.2	0.32	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH6 1-4' (Continued) — Lab Sample ID: 480-229175-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	12.4		5.8	0.29	mg/Kg	1	☼	6010D	Total/NA
Lead	116		1.2	0.53	mg/Kg	1	☼	6010D	Total/NA
Zinc	95.6		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.44		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH7 1-4' — Lab Sample ID: 480-229175-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3	J B vs	6.0	0.37	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	2700		2000	200	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	3200		2000	300	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	4000		2000	320	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	2100		2000	210	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	1900	J	2000	260	ug/Kg	10	☼	8270D	Total/NA
Chrysene	3100		2000	450	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	650	J	2000	360	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	5700		2000	210	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1800	J	2000	250	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	2300		2000	300	ug/Kg	10	☼	8270D	Total/NA
Pyrene	4100		2000	240	ug/Kg	10	☼	8270D	Total/NA
Silver	0.33	J ^5-	0.70	0.23	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.3		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	92.4		0.58	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.47		0.23	0.046	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.14	J	0.23	0.081	mg/Kg	1	☼	6010D	Total/NA
Chromium	13.6		0.58	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	16.5		1.2	0.66	mg/Kg	1	☼	6010D	Total/NA
Manganese	235		1.2	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	12.8		5.8	0.29	mg/Kg	1	☼	6010D	Total/NA
Lead	154		1.2	0.53	mg/Kg	1	☼	6010D	Total/NA
Zinc	152		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.39		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH9 1-4' — Lab Sample ID: 480-229175-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3	J B vs	5.9	0.37	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	110	J	210	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	110	J	210	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	140	J	210	33	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	81	J	210	22	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	63	J	210	27	ug/Kg	1	☼	8270D	Total/NA
Chrysene	120	J	210	46	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	210		210	22	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	69	J	210	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	120	J	210	30	ug/Kg	1	☼	8270D	Total/NA
Pyrene	170	J	210	24	ug/Kg	1	☼	8270D	Total/NA
Arsenic	5.5		2.6	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	127		0.58	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.47		0.26	0.051	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.32		0.26	0.090	mg/Kg	1	☼	6010D	Total/NA
Chromium	13.0		0.64	0.46	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH9 1-4' (Continued)
Lab Sample ID: 480-229175-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	18.1		1.3	0.73	mg/Kg	1	☼	6010D	Total/NA
Manganese	208		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Nickel	11.0		6.4	0.32	mg/Kg	1	☼	6010D	Total/NA
Lead	529		1.3	0.59	mg/Kg	1	☼	6010D	Total/NA
Zinc	123		2.6	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.17		0.025	0.0058	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH10 1-4'
Lab Sample ID: 480-229175-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	16	J F1 vs	29	2.1	ug/Kg	1	☼	8260C	Total/NA
Acetone	110	F1 vs	29	4.9	ug/Kg	1	☼	8260C	Total/NA
Chloroform	1.2	J B vs	5.8	0.36	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	82	J	200	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	80	J	200	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	94	J	200	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	55	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	45	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Chrysene	79	J	200	45	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	170	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	44	J	200	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	100	J	200	30	ug/Kg	1	☼	8270D	Total/NA
Pyrene	130	J	200	24	ug/Kg	1	☼	8270D	Total/NA
Silver	0.35	J ^5-	0.71	0.24	mg/Kg	1	☼	6010D	Total/NA
Arsenic	6.9		2.4	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	120		0.59	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.59		0.24	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.33		0.24	0.083	mg/Kg	1	☼	6010D	Total/NA
Chromium	16.0		0.59	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	35.3		1.2	0.67	mg/Kg	1	☼	6010D	Total/NA
Manganese	244		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	15.4		5.9	0.29	mg/Kg	1	☼	6010D	Total/NA
Lead	410		1.2	0.54	mg/Kg	1	☼	6010D	Total/NA
Zinc	250		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.23		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TW1
Lab Sample ID: 480-229175-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.9	J	10	3.0	ug/L	1		8260C	Total/NA
Silver	0.0052	J ^5-	0.0060	0.0017	mg/L	1		6010D	Total/NA
Arsenic	0.16		0.015	0.0056	mg/L	1		6010D	Total/NA
Barium	3.8		0.0020	0.00070	mg/L	1		6010D	Total/NA
Beryllium	0.012		0.0020	0.00030	mg/L	1		6010D	Total/NA
Cadmium	0.0090		0.0020	0.00050	mg/L	1		6010D	Total/NA
Chromium	0.56		0.0040	0.0010	mg/L	1		6010D	Total/NA
Copper	0.53		0.010	0.0016	mg/L	1		6010D	Total/NA
Manganese	12.2		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.71		0.010	0.0013	mg/L	1		6010D	Total/NA
Lead	2.5		0.010	0.0030	mg/L	1		6010D	Total/NA
Selenium	0.011	J	0.025	0.0087	mg/L	1		6010D	Total/NA
Zinc	2.6		0.010	0.0015	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TW1 (Continued)
Lab Sample ID: 480-229175-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0025	J	0.0060	0.0013	mg/L	1		7470A	Total/NA

Client Sample ID: TW2
Lab Sample ID: 480-229175-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.4	J	10	3.0	ug/L	1		8260C	Total/NA
Arsenic	0.089		0.015	0.0056	mg/L	1		6010D	Total/NA
Barium	1.3		0.0020	0.00070	mg/L	1		6010D	Total/NA
Beryllium	0.0052		0.0020	0.00030	mg/L	1		6010D	Total/NA
Cadmium	0.0064		0.0020	0.00050	mg/L	1		6010D	Total/NA
Chromium	0.23		0.0040	0.0010	mg/L	1		6010D	Total/NA
Copper	0.35		0.010	0.0016	mg/L	1		6010D	Total/NA
Manganese	3.0		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.20		0.010	0.0013	mg/L	1		6010D	Total/NA
Lead	2.9		0.010	0.0030	mg/L	1		6010D	Total/NA
Zinc	2.7		0.010	0.0015	mg/L	1		6010D	Total/NA
Mercury	0.0022		0.00060	0.00013	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Client Sample ID: BH1 1-4'
Lab Sample ID: 480-229175-1
Date Collected: 05/02/25 09:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 84.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
1,1-Dichloroethene	ND	vs	5.8	0.72	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
1,2,4-Trimethylbenzene	ND	vs	5.8	1.1	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
1,2-Dichlorobenzene	ND	vs	5.8	0.46	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
1,3,5-Trimethylbenzene	ND	vs	5.8	0.38	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
1,4-Dichlorobenzene	ND	vs	5.8	0.82	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
1,4-Dioxane	ND	vs	120	26	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
2-Butanone (MEK)	**2.1**	**J vs**	29	2.1	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Acetone	**17**	**J vs**	29	4.9	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Benzene	ND	vs	5.8	0.29	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Carbon tetrachloride	ND	vs	5.8	0.57	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Chlorobenzene	ND	vs	5.8	0.77	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Chloroform	**1.3**	**J B vs**	5.8	0.36	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.75	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
n-Butylbenzene	ND	vs	5.8	0.51	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
N-Propylbenzene	ND	vs	5.8	0.47	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
sec-Butylbenzene	ND	vs	5.8	0.51	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Tetrachloroethene	ND	vs	5.8	0.78	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
Xylenes, Total	ND	vs	12	0.98	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1
tert-Butylbenzene	ND	vs	5.8	0.61	ug/Kg	☼	05/05/25 17:51	05/05/25 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*05/05/25 17:51*	*05/05/25 22:09*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*	*05/05/25 17:51*	*05/05/25 22:09*	*1*
Toluene-d8 (Surr)	*95*		*71 - 125*	*05/05/25 17:51*	*05/05/25 22:09*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*05/05/25 17:51*	*05/05/25 22:09*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		120	64	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
2-Methylphenol	ND		200	23	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
3-Methylphenol	ND		390	30	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
4-Methylphenol	ND		390	23	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Acenaphthene	**180**	**J**	200	29	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Acenaphthylene	**69**	**J**	200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Anthracene	**450**		200	49	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Benzo[a]anthracene	**800**		200	20	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Benzo[a]pyrene	**710**		200	29	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Benzo[b]fluoranthene	**780**		200	32	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Benzo[g,h,i]perylene	**430**		200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Client Sample ID: BH1 1-4'
Lab Sample ID: 480-229175-1
Date Collected: 05/02/25 09:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 84.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	450		200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Chrysene	750		200	45	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Dibenz(a,h)anthracene	140	J	200	35	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Dibenzofuran	140	J	200	23	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Fluoranthene	1900		200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Fluorene	200		200	23	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Indeno[1,2,3-cd]pyrene	380		200	25	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Naphthalene	49	J	200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Phenanthrene	1700		200	29	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Phenol	ND		200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1
Pyrene	1500		200	23	ug/Kg	☼	05/06/25 13:35	05/07/25 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*26 - 143*	*05/06/25 13:35*	*05/07/25 16:10*	*1*
2-Fluorobiphenyl (Surr)	*89*		*50 - 121*	*05/06/25 13:35*	*05/07/25 16:10*	*1*
2-Fluorophenol (Surr)	*72*		*36 - 120*	*05/06/25 13:35*	*05/07/25 16:10*	*1*
Nitrobenzene-d5 (Surr)	*79*		*40 - 121*	*05/06/25 13:35*	*05/07/25 16:10*	*1*
Phenol-d5 (Surr)	*80*		*41 - 120*	*05/06/25 13:35*	*05/07/25 16:10*	*1*
p-Terphenyl-d14 (Surr)	*96*		*46 - 143*	*05/06/25 13:35*	*05/07/25 16:10*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.74	0.25	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Arsenic	3.8		2.5	1.1	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Barium	65.2		0.62	0.17	mg/Kg	☼	05/07/25 14:56	05/08/25 11:07	1
Beryllium	0.33		0.25	0.049	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Cadmium	0.16	J	0.25	0.087	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Chromium	8.5		0.62	0.44	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Copper	12.4		1.2	0.70	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Manganese	317		1.2	0.35	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Nickel	7.8		6.2	0.31	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Lead	67.3		1.2	0.57	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Selenium	ND		4.9	0.99	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1
Zinc	59.3		2.5	1.3	mg/Kg	☼	05/05/25 15:02	05/06/25 11:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.21		0.023	0.0052	mg/Kg	☼	05/05/25 08:53	05/05/25 15:04	1

Client Sample ID: BH2 1-4'
Lab Sample ID: 480-229175-2
Date Collected: 05/02/25 10:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 84.2

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
1,1-Dichloroethane	ND	vs	5.9	0.71	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
1,2,4-Trimethylbenzene	ND	vs	5.9	1.1	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Client Sample ID: BH2 1-4'
Lab Sample ID: 480-229175-2
Date Collected: 05/02/25 10:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 84.2

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
1,2-Dichloroethane	ND	vs	5.9	0.29	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
1,3,5-Trimethylbenzene	ND	vs	5.9	0.38	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
1,4-Dichlorobenzene	ND	vs	5.9	0.82	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
1,4-Dioxane	ND	vs	120	26	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Acetone	ND	vs	29	4.9	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Chlorobenzene	ND	vs	5.9	0.77	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Chloroform	**1.4**	**J B vs**	5.9	0.36	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.75	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Ethylbenzene	ND	vs	5.9	0.40	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
n-Butylbenzene	ND	vs	5.9	0.51	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
N-Propylbenzene	ND	vs	5.9	0.47	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
sec-Butylbenzene	ND	vs	5.9	0.51	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Toluene	ND	vs	5.9	0.44	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.60	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Vinyl chloride	ND	vs	5.9	0.71	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
Xylenes, Total	ND	vs	12	0.98	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1
tert-Butylbenzene	ND	vs	5.9	0.61	ug/Kg	☼	05/05/25 17:51	05/05/25 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*05/05/25 17:51*	*05/05/25 22:32*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*05/05/25 17:51*	*05/05/25 22:32*	*1*
Toluene-d8 (Surr)	*94*		*71 - 125*	*05/05/25 17:51*	*05/05/25 22:32*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*05/05/25 17:51*	*05/05/25 22:32*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		120	65	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
2-Methylphenol	ND		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
3-Methylphenol	ND		390	31	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
4-Methylphenol	ND		390	24	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Acenaphthene	ND		200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Acenaphthylene	ND		200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Anthracene	ND		200	50	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Benzo[a]anthracene	**130**	**J**	200	20	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Benzo[a]pyrene	**140**	**J**	200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Benzo[b]fluoranthene	**180**	**J**	200	32	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Benzo[g,h,i]perylene	**100**	**J**	200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Benzo[k]fluoranthene	**78**	**J**	200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Chrysene	**140**	**J**	200	45	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Dibenz(a,h)anthracene	ND		200	36	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Dibenzofuran	ND		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1

Client Sample ID: BH2 1-4'
Lab Sample ID: 480-229175-2

Date Collected: 05/02/25 10:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 84.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**260**		200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Fluorene	ND		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Indeno[1,2,3-cd]pyrene	**83**	**J**	200	25	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Naphthalene	ND		200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Phenanthrene	**130**	**J**	200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Phenol	ND		200	31	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1
Pyrene	**210**		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*26 - 143*	*05/06/25 13:35*	*05/07/25 16:37*	*1*
2-Fluorobiphenyl (Surr)	*80*		*50 - 121*	*05/06/25 13:35*	*05/07/25 16:37*	*1*
2-Fluorophenol (Surr)	*67*		*36 - 120*	*05/06/25 13:35*	*05/07/25 16:37*	*1*
Nitrobenzene-d5 (Surr)	*72*		*40 - 121*	*05/06/25 13:35*	*05/07/25 16:37*	*1*
Phenol-d5 (Surr)	*73*		*41 - 120*	*05/06/25 13:35*	*05/07/25 16:37*	*1*
p-Terphenyl-d14 (Surr)	*93*		*46 - 143*	*05/06/25 13:35*	*05/07/25 16:37*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.33**	**J ^5-**	0.68	0.23	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Arsenic	**6.9**		2.3	1.0	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Barium	**129**		0.62	0.17	mg/Kg	☼	05/07/25 14:56	05/08/25 11:09	1
Beryllium	**0.57**		0.23	0.045	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Cadmium	**0.43**		0.23	0.079	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Chromium	**15.3**		0.57	0.41	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Copper	**29.3**		1.1	0.65	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Manganese	**456**		1.1	0.32	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Nickel	**15.9**		5.7	0.28	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Lead	**347**		1.1	0.52	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Selenium	ND		4.5	0.91	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1
Zinc	**136**		2.3	1.2	mg/Kg	☼	05/05/25 15:02	05/06/25 11:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.3**		0.23	0.053	mg/Kg	☼	05/05/25 08:53	05/05/25 15:24	10

Client Sample ID: BH3 1-4'
Lab Sample ID: 480-229175-3

Date Collected: 05/02/25 12:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 73.1

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.7	0.48	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
1,1-Dichloroethane	ND	vs	6.7	0.81	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
1,1-Dichloroethene	ND	vs	6.7	0.82	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
1,2,4-Trimethylbenzene	ND	vs	6.7	1.3	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
1,2-Dichlorobenzene	ND	vs	6.7	0.52	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
1,2-Dichloroethane	ND	vs	6.7	0.33	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
1,3,5-Trimethylbenzene	ND	vs	6.7	0.43	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
1,3-Dichlorobenzene	ND	vs	6.7	0.34	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Client Sample ID: BH3 1-4'
Lab Sample ID: 480-229175-3
Date Collected: 05/02/25 12:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 73.1

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND	vs	6.7	0.93	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
1,4-Dioxane	ND	vs	130	29	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
2-Butanone (MEK)	**4.2**	**J vs**	33	2.4	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Acetone	**42**	**vs**	33	5.6	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Benzene	ND	vs	6.7	0.33	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Carbon tetrachloride	ND	vs	6.7	0.65	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Chlorobenzene	ND	vs	6.7	0.88	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Chloroform	**1.5**	**J B vs**	6.7	0.41	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
cis-1,2-Dichloroethene	ND	vs	6.7	0.85	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Ethylbenzene	ND	vs	6.7	0.46	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Methyl tert-butyl ether	ND	vs	6.7	0.65	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Methylene Chloride	ND	vs	6.7	3.1	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
n-Butylbenzene	ND	vs	6.7	0.58	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
N-Propylbenzene	ND	vs	6.7	0.53	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
sec-Butylbenzene	ND	vs	6.7	0.58	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Tetrachloroethene	ND	vs	6.7	0.89	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Toluene	ND	vs	6.7	0.50	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
trans-1,2-Dichloroethene	ND	vs	6.7	0.69	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Trichloroethene	ND	vs	6.7	1.5	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Vinyl chloride	ND	vs	6.7	0.81	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1
tert-Butylbenzene	ND	vs	6.7	0.69	ug/Kg	☼	05/05/25 17:51	05/05/25 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*05/05/25 17:51*	*05/05/25 22:56*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*05/05/25 17:51*	*05/05/25 22:56*	*1*
Toluene-d8 (Surr)	*94*		*71 - 125*	*05/05/25 17:51*	*05/05/25 22:56*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*05/05/25 17:51*	*05/05/25 22:56*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		140	75	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
2-Methylphenol	ND		230	27	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
3-Methylphenol	ND		450	35	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
4-Methylphenol	ND		450	27	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Acenaphthene	ND		230	34	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Acenaphthylene	ND		230	30	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Anthracene	ND		230	57	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Benzo[a]anthracene	**43**	**J**	230	23	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Benzo[a]pyrene	**39**	**J**	230	34	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Benzo[b]fluoranthene	**56**	**J**	230	37	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Benzo[g,h,i]perylene	**28**	**J**	230	25	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Benzo[k]fluoranthene	ND		230	30	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Chrysene	ND		230	52	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Dibenz(a,h)anthracene	ND		230	41	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Dibenzofuran	ND		230	27	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Fluoranthene	**89**	**J**	230	25	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Fluorene	ND		230	27	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Hexachlorobenzene	ND		230	31	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Indeno[1,2,3-cd]pyrene	ND		230	29	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1

Client Sample ID: BH3 1-4'
Lab Sample ID: 480-229175-3

Date Collected: 05/02/25 12:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 73.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		230	30	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Pentachlorophenol	ND		450	230	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Phenanthrene	**48**	**J**	230	34	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Phenol	ND		230	35	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1
Pyrene	**68**	**J**	230	27	ug/Kg	☼	05/06/25 13:35	05/07/25 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*26 - 143*	*05/06/25 13:35*	*05/07/25 17:03*	*1*
2-Fluorobiphenyl (Surr)	*76*		*50 - 121*	*05/06/25 13:35*	*05/07/25 17:03*	*1*
2-Fluorophenol (Surr)	*67*		*36 - 120*	*05/06/25 13:35*	*05/07/25 17:03*	*1*
Nitrobenzene-d5 (Surr)	*69*		*40 - 121*	*05/06/25 13:35*	*05/07/25 17:03*	*1*
Phenol-d5 (Surr)	*73*		*41 - 120*	*05/06/25 13:35*	*05/07/25 17:03*	*1*
p-Terphenyl-d14 (Surr)	*90*		*46 - 143*	*05/06/25 13:35*	*05/07/25 17:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.32**	**J ^5-**	0.85	0.28	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Arsenic	**2.8**		2.8	1.2	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Barium	**179**		0.70	0.20	mg/Kg	☼	05/07/25 14:56	05/08/25 11:31	1
Beryllium	**0.67**		0.28	0.056	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Cadmium	**0.49**		0.28	0.099	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Chromium	**19.6**		0.71	0.51	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Copper	**18.3**		1.4	0.80	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Manganese	**256**		1.4	0.40	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Nickel	**14.0**		7.1	0.35	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Lead	**90.5**		1.4	0.65	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Selenium	ND		5.6	1.1	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1
Zinc	**112**		2.8	1.4	mg/Kg	☼	05/05/25 15:02	05/06/25 12:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.46**		0.027	0.0061	mg/Kg	☼	05/05/25 08:53	05/05/25 15:07	1

Client Sample ID: BH4 1-4'
Lab Sample ID: 480-229175-4

Date Collected: 05/02/25 10:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 77.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.4	0.47	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
1,1-Dichloroethane	ND	vs	6.4	0.78	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
1,1-Dichloroethene	ND	vs	6.4	0.79	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
1,2,4-Trimethylbenzene	ND	vs	6.4	1.2	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
1,2-Dichlorobenzene	ND	vs	6.4	0.50	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
1,2-Dichloroethane	ND	vs	6.4	0.32	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
1,3,5-Trimethylbenzene	ND	vs	6.4	0.41	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
1,3-Dichlorobenzene	ND	vs	6.4	0.33	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
1,4-Dichlorobenzene	ND	vs	6.4	0.90	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
1,4-Dioxane	ND	vs	130	28	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
2-Butanone (MEK)	ND	vs	32	2.3	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Acetone	ND	vs	32	5.4	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Client Sample ID: BH4 1-4'
Lab Sample ID: 480-229175-4
Date Collected: 05/02/25 10:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 77.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	vs	6.4	0.31	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Carbon tetrachloride	ND	vs	6.4	0.62	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Chlorobenzene	ND	vs	6.4	0.85	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Chloroform	**1.3**	**J B vs**	6.4	0.40	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
cis-1,2-Dichloroethene	ND	vs	6.4	0.82	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Ethylbenzene	ND	vs	6.4	0.44	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Methyl tert-butyl ether	ND	vs	6.4	0.63	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Methylene Chloride	ND	vs	6.4	3.0	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
n-Butylbenzene	ND	vs	6.4	0.56	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
N-Propylbenzene	ND	vs	6.4	0.51	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
sec-Butylbenzene	ND	vs	6.4	0.56	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Tetrachloroethene	ND	vs	6.4	0.86	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Toluene	ND	vs	6.4	0.49	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
trans-1,2-Dichloroethene	ND	vs	6.4	0.66	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Trichloroethene	ND	vs	6.4	1.4	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Vinyl chloride	ND	vs	6.4	0.78	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1
tert-Butylbenzene	ND	vs	6.4	0.67	ug/Kg	☼	05/05/25 17:51	05/05/25 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*05/05/25 17:51*	*05/05/25 23:19*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*05/05/25 17:51*	*05/05/25 23:19*	*1*
Toluene-d8 (Surr)	*95*		*71 - 125*	*05/05/25 17:51*	*05/05/25 23:19*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*05/05/25 17:51*	*05/05/25 23:19*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		640	350	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
2-Methylphenol	ND		1100	130	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
3-Methylphenol	ND		2100	170	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
4-Methylphenol	ND		2100	130	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Acenaphthene	ND		1100	160	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Anthracene	ND		1100	270	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Benzo[a]anthracene	**150**	**J**	1100	110	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Benzo[a]pyrene	ND		1100	160	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Benzo[b]fluoranthene	**180**	**J**	1100	170	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Benzo[g,h,i]perylene	ND		1100	120	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Benzo[k]fluoranthene	ND		1100	140	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Chrysene	ND		1100	240	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Dibenz(a,h)anthracene	ND		1100	190	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Dibenzofuran	ND		1100	130	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Fluoranthene	**290**	**J**	1100	120	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Fluorene	ND		1100	130	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Hexachlorobenzene	ND		1100	150	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Indeno[1,2,3-cd]pyrene	ND		1100	140	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Naphthalene	ND		1100	140	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Pentachlorophenol	ND		2100	1100	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Phenanthrene	**200**	**J**	1100	160	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5
Phenol	ND		1100	170	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5

Client Sample ID: BH4 1-4'
Lab Sample ID: 480-229175-4
Date Collected: 05/02/25 10:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 77.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	220	J	1100	130	ug/Kg	☼	05/06/25 13:35	05/07/25 13:03	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*26 - 143*	*05/06/25 13:35*	*05/07/25 13:03*	*5*
2-Fluorobiphenyl (Surr)	*87*		*50 - 121*	*05/06/25 13:35*	*05/07/25 13:03*	*5*
2-Fluorophenol (Surr)	*77*		*36 - 120*	*05/06/25 13:35*	*05/07/25 13:03*	*5*
Nitrobenzene-d5 (Surr)	*83*		*40 - 121*	*05/06/25 13:35*	*05/07/25 13:03*	*5*
Phenol-d5 (Surr)	*84*		*41 - 120*	*05/06/25 13:35*	*05/07/25 13:03*	*5*
p-Terphenyl-d14 (Surr)	*90*		*46 - 143*	*05/06/25 13:35*	*05/07/25 13:03*	*5*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.34	J ^5-	0.76	0.25	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Arsenic	9.1		2.5	1.1	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Barium	93.2		0.62	0.17	mg/Kg	☼	05/07/25 14:56	05/08/25 11:33	1
Beryllium	0.75		0.25	0.051	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Cadmium	0.22	J	0.25	0.089	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Chromium	18.5		0.64	0.46	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Copper	21.2		1.3	0.72	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Manganese	416		1.3	0.36	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Nickel	20.9		6.4	0.32	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Lead	85.9		1.3	0.58	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Selenium	ND		5.1	1.0	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1
Zinc	86.5		2.5	1.3	mg/Kg	☼	05/05/25 15:02	05/06/25 12:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.098		0.026	0.0059	mg/Kg	☼	05/05/25 08:53	05/05/25 15:08	1

Client Sample ID: BH5 1-4'
Lab Sample ID: 480-229175-5
Date Collected: 05/02/25 13:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 85.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.42	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
1,2,4-Trimethylbenzene	ND	vs	5.7	1.1	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
1,3,5-Trimethylbenzene	ND	vs	5.7	0.37	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
1,4-Dioxane	ND	vs	110	25	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Acetone	ND	vs	29	4.8	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Carbon tetrachloride	ND	vs	5.7	0.56	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Chlorobenzene	ND	vs	5.7	0.76	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Chloroform	1.3	J B vs	5.7	0.35	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1

Client Sample ID: BH5 1-4'
Lab Sample ID: 480-229175-5
Date Collected: 05/02/25 13:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 85.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Ethylbenzene	ND	vs	5.7	0.40	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
n-Butylbenzene	ND	vs	5.7	0.50	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
N-Propylbenzene	ND	vs	5.7	0.46	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
sec-Butylbenzene	ND	vs	5.7	0.50	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1
tert-Butylbenzene	ND	vs	5.7	0.60	ug/Kg	☼	05/05/25 17:51	05/05/25 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*05/05/25 17:51*	*05/05/25 23:43*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*05/05/25 17:51*	*05/05/25 23:43*	*1*
Toluene-d8 (Surr)	*95*		*71 - 125*	*05/05/25 17:51*	*05/05/25 23:43*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*05/05/25 17:51*	*05/05/25 23:43*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		120	64	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
2-Methylphenol	ND		200	23	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
3-Methylphenol	ND		390	30	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
4-Methylphenol	ND		390	23	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Acenaphthene	ND		200	29	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Acenaphthylene	ND		200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Anthracene	ND		200	49	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Benzo[a]anthracene	**86**	**J**	200	20	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Benzo[a]pyrene	**69**	**J**	200	29	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Benzo[b]fluoranthene	**94**	**J**	200	32	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Benzo[g,h,i]perylene	**46**	**J**	200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Benzo[k]fluoranthene	**38**	**J**	200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Chrysene	**81**	**J**	200	44	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Dibenzofuran	ND		200	23	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Fluoranthene	**170**	**J**	200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Fluorene	ND		200	23	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Indeno[1,2,3-cd]pyrene	**38**	**J**	200	25	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Naphthalene	ND		200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Phenanthrene	**150**	**J**	200	29	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Phenol	ND		200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1
Pyrene	**130**	**J**	200	23	ug/Kg	☼	05/06/25 13:35	05/07/25 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*26 - 143*	*05/06/25 13:35*	*05/07/25 17:30*	*1*

Client Sample ID: BH5 1-4'
Lab Sample ID: 480-229175-5

Date Collected: 05/02/25 13:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 85.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*50 - 121*	*05/06/25 13:35*	*05/07/25 17:30*	*1*
2-Fluorophenol (Surr)	*73*		*36 - 120*	*05/06/25 13:35*	*05/07/25 17:30*	*1*
Nitrobenzene-d5 (Surr)	*77*		*40 - 121*	*05/06/25 13:35*	*05/07/25 17:30*	*1*
Phenol-d5 (Surr)	*77*		*41 - 120*	*05/06/25 13:35*	*05/07/25 17:30*	*1*
p-Terphenyl-d14 (Surr)	*91*		*46 - 143*	*05/06/25 13:35*	*05/07/25 17:30*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.68	0.23	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Arsenic	**3.0**		2.3	0.99	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Barium	**211**		0.58	0.16	mg/Kg	☼	05/07/25 14:56	05/08/25 11:34	1
Beryllium	**0.39**		0.23	0.045	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Cadmium	**0.25**		0.23	0.079	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Chromium	**10.1**		0.56	0.41	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Copper	**13.2**		1.1	0.64	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Manganese	**268**		1.1	0.32	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Nickel	**9.0**		5.6	0.28	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Lead	**83.4**		1.1	0.52	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Selenium	ND		4.5	0.90	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1
Zinc	**112**		2.3	1.1	mg/Kg	☼	05/05/25 15:02	05/06/25 12:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.079**		0.024	0.0054	mg/Kg	☼	05/05/25 08:53	05/05/25 15:09	1

Client Sample ID: BH6 1-4'
Lab Sample ID: 480-229175-6

Date Collected: 05/02/25 13:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
1,2,4-Trimethylbenzene	ND	vs	5.9	1.1	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
1,3,5-Trimethylbenzene	ND	vs	5.9	0.38	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
1,4-Dichlorobenzene	ND	vs	5.9	0.82	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
1,4-Dioxane	ND	vs	120	26	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
2-Butanone (MEK)	ND	vs	29	2.2	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Acetone	ND	vs	29	5.0	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Chloroform	**1.3**	**J B vs**	5.9	0.36	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.75	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Client Sample ID: BH6 1-4'
Lab Sample ID: 480-229175-6
Date Collected: 05/02/25 13:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
n-Butylbenzene	ND	vs	5.9	0.51	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
N-Propylbenzene	ND	vs	5.9	0.47	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
sec-Butylbenzene	ND	vs	5.9	0.51	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Toluene	ND	vs	5.9	0.45	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
Xylenes, Total	ND	vs	12	0.99	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1
tert-Butylbenzene	ND	vs	5.9	0.61	ug/Kg	☼	05/05/25 17:51	05/06/25 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*05/05/25 17:51*	*05/06/25 00:06*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*05/05/25 17:51*	*05/06/25 00:06*	*1*
Toluene-d8 (Surr)	*94*		*71 - 125*	*05/05/25 17:51*	*05/06/25 00:06*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*05/05/25 17:51*	*05/06/25 00:06*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		120	65	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
2-Methylphenol	ND		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
3-Methylphenol	ND		390	31	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
4-Methylphenol	ND		390	24	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Acenaphthene	ND		200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Acenaphthylene	ND		200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Anthracene	ND		200	50	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Benzo[a]anthracene	**130**	**J**	200	20	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Benzo[a]pyrene	**120**	**J**	200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Benzo[b]fluoranthene	**150**	**J**	200	32	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Benzo[g,h,i]perylene	**75**	**J**	200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Benzo[k]fluoranthene	**70**	**J**	200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Chrysene	**130**	**J**	200	45	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Dibenz(a,h)anthracene	ND		200	36	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Dibenzofuran	ND		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Fluoranthene	**250**		200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Fluorene	ND		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Indeno[1,2,3-cd]pyrene	**63**	**J**	200	25	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Naphthalene	ND		200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Phenanthrene	**140**	**J**	200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Phenol	ND		200	31	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1
Pyrene	**210**		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*26 - 143*	*05/06/25 13:35*	*05/07/25 17:56*	*1*
2-Fluorobiphenyl (Surr)	*74*		*50 - 121*	*05/06/25 13:35*	*05/07/25 17:56*	*1*
2-Fluorophenol (Surr)	*58*		*36 - 120*	*05/06/25 13:35*	*05/07/25 17:56*	*1*
Nitrobenzene-d5 (Surr)	*63*		*40 - 121*	*05/06/25 13:35*	*05/07/25 17:56*	*1*

Client Sample ID: BH6 1-4'
Lab Sample ID: 480-229175-6

Date Collected: 05/02/25 13:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*64*		*41 - 120*	*05/06/25 13:35*	*05/07/25 17:56*	*1*
p-Terphenyl-d14 (Surr)	*91*		*46 - 143*	*05/06/25 13:35*	*05/07/25 17:56*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.34**	**J ^5-**	0.69	0.23	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Arsenic	**5.0**		2.3	1.0	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Barium	**101**		0.61	0.17	mg/Kg	☼	05/07/25 14:56	05/08/25 11:36	1
Beryllium	**0.50**		0.23	0.046	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Cadmium	**0.23**		0.23	0.081	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Chromium	**14.0**		0.58	0.41	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Copper	**15.8**		1.2	0.66	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Manganese	**371**		1.2	0.32	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Nickel	**12.4**		5.8	0.29	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Lead	**116**		1.2	0.53	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Selenium	ND		4.6	0.92	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1
Zinc	**95.6**		2.3	1.2	mg/Kg	☼	05/05/25 15:02	05/06/25 12:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.44**		0.025	0.0057	mg/Kg	☼	05/05/25 08:53	05/05/25 15:10	1

Client Sample ID: BH7 1-4'
Lab Sample ID: 480-229175-7

Date Collected: 05/02/25 12:15
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.0	0.43	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
1,1-Dichloroethane	ND	vs	6.0	0.73	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
1,1-Dichloroethene	ND	vs	6.0	0.73	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
1,2,4-Trimethylbenzene	ND	vs	6.0	1.1	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
1,2-Dichlorobenzene	ND	vs	6.0	0.47	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
1,2-Dichloroethane	ND	vs	6.0	0.30	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
1,3,5-Trimethylbenzene	ND	vs	6.0	0.39	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
1,3-Dichlorobenzene	ND	vs	6.0	0.31	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
1,4-Dichlorobenzene	ND	vs	6.0	0.84	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
1,4-Dioxane	ND	vs	120	26	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Acetone	ND	vs	30	5.0	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Benzene	ND	vs	6.0	0.29	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Carbon tetrachloride	ND	vs	6.0	0.58	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Chlorobenzene	ND	vs	6.0	0.79	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Chloroform	**1.3**	**J B vs**	6.0	0.37	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
cis-1,2-Dichloroethene	ND	vs	6.0	0.77	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Ethylbenzene	ND	vs	6.0	0.41	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Methyl tert-butyl ether	ND	vs	6.0	0.59	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Methylene Chloride	ND	vs	6.0	2.8	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
n-Butylbenzene	ND	vs	6.0	0.52	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
N-Propylbenzene	ND	vs	6.0	0.48	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1

Client Sample ID: BH7 1-4'
Lab Sample ID: 480-229175-7
Date Collected: 05/02/25 12:15
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND	vs	6.0	0.52	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Tetrachloroethene	ND	vs	6.0	0.80	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Toluene	ND	vs	6.0	0.45	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
trans-1,2-Dichloroethene	ND	vs	6.0	0.62	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Trichloroethene	ND	vs	6.0	1.3	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Vinyl chloride	ND	vs	6.0	0.73	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1
tert-Butylbenzene	ND	vs	6.0	0.62	ug/Kg	☼	05/05/25 17:51	05/06/25 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*05/05/25 17:51*	*05/06/25 00:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*	*05/05/25 17:51*	*05/06/25 00:30*	*1*
Toluene-d8 (Surr)	*96*		*71 - 125*	*05/05/25 17:51*	*05/06/25 00:30*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*05/05/25 17:51*	*05/06/25 00:30*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1200	660	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
2-Methylphenol	ND		2000	240	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
3-Methylphenol	ND		3900	310	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
4-Methylphenol	ND		3900	240	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Acenaphthene	ND		2000	300	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Acenaphthylene	ND		2000	260	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Anthracene	ND		2000	500	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Benzo[a]anthracene	**2700**		2000	200	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Benzo[a]pyrene	**3200**		2000	300	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Benzo[b]fluoranthene	**4000**		2000	320	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Benzo[g,h,i]perylene	**2100**		2000	210	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Benzo[k]fluoranthene	**1900**	**J**	2000	260	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Chrysene	**3100**		2000	450	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Dibenz(a,h)anthracene	**650**	**J**	2000	360	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Dibenzofuran	ND		2000	240	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Fluoranthene	**5700**		2000	210	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Fluorene	ND		2000	240	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Hexachlorobenzene	ND		2000	270	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Indeno[1,2,3-cd]pyrene	**1800**	**J**	2000	250	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Naphthalene	ND		2000	260	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Pentachlorophenol	ND		3900	2000	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Phenanthrene	**2300**		2000	300	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Phenol	ND		2000	310	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10
Pyrene	**4100**		2000	240	ug/Kg	☼	05/06/25 13:35	05/07/25 18:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*26 - 143*	*05/06/25 13:35*	*05/07/25 18:23*	*10*
2-Fluorobiphenyl (Surr)	*75*		*50 - 121*	*05/06/25 13:35*	*05/07/25 18:23*	*10*
2-Fluorophenol (Surr)	*71*		*36 - 120*	*05/06/25 13:35*	*05/07/25 18:23*	*10*
Nitrobenzene-d5 (Surr)	*75*		*40 - 121*	*05/06/25 13:35*	*05/07/25 18:23*	*10*
Phenol-d5 (Surr)	*72*		*41 - 120*	*05/06/25 13:35*	*05/07/25 18:23*	*10*
p-Terphenyl-d14 (Surr)	*72*		*46 - 143*	*05/06/25 13:35*	*05/07/25 18:23*	*10*

Client Sample ID: BH7 1-4'

Lab Sample ID: 480-229175-7
Date Collected: 05/02/25 12:15
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.3

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.33	J ^5-	0.70	0.23	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Arsenic	4.3		2.3	1.0	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Barium	92.4		0.58	0.16	mg/Kg	☼	05/07/25 14:56	05/08/25 11:38	1
Beryllium	0.47		0.23	0.046	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Cadmium	0.14	J	0.23	0.081	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Chromium	13.6		0.58	0.42	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Copper	16.5		1.2	0.66	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Manganese	235		1.2	0.32	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Nickel	12.8		5.8	0.29	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Lead	154		1.2	0.53	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Selenium	ND		4.6	0.93	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1
Zinc	152		2.3	1.2	mg/Kg	☼	05/05/25 15:02	05/06/25 12:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.39		0.025	0.0057	mg/Kg	☼	05/05/25 08:53	05/05/25 15:12	1

Client Sample ID: BH9 1-4'

Lab Sample ID: 480-229175-8
Date Collected: 05/02/25 11:15
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 82.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
1,1-Dichloroethene	ND	vs	5.9	0.73	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
1,2,4-Trimethylbenzene	ND	vs	5.9	1.1	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
1,3,5-Trimethylbenzene	ND	vs	5.9	0.38	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
1,3-Dichlorobenzene	ND	vs	5.9	0.31	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
1,4-Dichlorobenzene	ND	vs	5.9	0.83	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
1,4-Dioxane	ND	vs	120	26	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Acetone	ND	vs	30	5.0	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Chloroform	1.3	J B vs	5.9	0.37	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.76	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
n-Butylbenzene	ND	vs	5.9	0.52	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
N-Propylbenzene	ND	vs	5.9	0.47	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
sec-Butylbenzene	ND	vs	5.9	0.52	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Tetrachloroethene	ND	vs	5.9	0.80	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Toluene	ND	vs	5.9	0.45	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1

Client Sample ID: BH9 1-4'
Lab Sample ID: 480-229175-8
Date Collected: 05/02/25 11:15
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 82.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1
tert-Butylbenzene	ND	vs	5.9	0.62	ug/Kg	☼	05/05/25 17:51	05/06/25 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*05/05/25 17:51*	*05/06/25 00:53*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*05/05/25 17:51*	*05/06/25 00:53*	*1*
Toluene-d8 (Surr)	*96*		*71 - 125*	*05/05/25 17:51*	*05/06/25 00:53*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*05/05/25 17:51*	*05/06/25 00:53*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		120	67	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
2-Methylphenol	ND		210	24	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
3-Methylphenol	ND		400	32	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
4-Methylphenol	ND		400	24	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Acenaphthene	ND		210	30	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Acenaphthylene	ND		210	27	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Anthracene	ND		210	51	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Benzo[a]anthracene	**110**	**J**	210	21	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Benzo[a]pyrene	**110**	**J**	210	30	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Benzo[b]fluoranthene	**140**	**J**	210	33	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Benzo[g,h,i]perylene	**81**	**J**	210	22	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Benzo[k]fluoranthene	**63**	**J**	210	27	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Chrysene	**120**	**J**	210	46	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Dibenz(a,h)anthracene	ND		210	36	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Dibenzofuran	ND		210	24	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Fluoranthene	**210**		210	22	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Fluorene	ND		210	24	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Hexachlorobenzene	ND		210	28	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Indeno[1,2,3-cd]pyrene	**69**	**J**	210	25	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Naphthalene	ND		210	27	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Pentachlorophenol	ND		400	210	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Phenanthrene	**120**	**J**	210	30	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Phenol	ND		210	32	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1
Pyrene	**170**	**J**	210	24	ug/Kg	☼	05/06/25 13:35	05/07/25 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*26 - 143*	*05/06/25 13:35*	*05/07/25 18:49*	*1*
2-Fluorobiphenyl (Surr)	*86*		*50 - 121*	*05/06/25 13:35*	*05/07/25 18:49*	*1*
2-Fluorophenol (Surr)	*77*		*36 - 120*	*05/06/25 13:35*	*05/07/25 18:49*	*1*
Nitrobenzene-d5 (Surr)	*82*		*40 - 121*	*05/06/25 13:35*	*05/07/25 18:49*	*1*
Phenol-d5 (Surr)	*81*		*41 - 120*	*05/06/25 13:35*	*05/07/25 18:49*	*1*
p-Terphenyl-d14 (Surr)	*87*		*46 - 143*	*05/06/25 13:35*	*05/07/25 18:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.77	0.26	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Arsenic	**5.5**		2.6	1.1	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Barium	**127**		0.58	0.16	mg/Kg	☼	05/07/25 14:56	05/08/25 11:40	1

Client Sample ID: BH9 1-4'
Lab Sample ID: 480-229175-8
Date Collected: 05/02/25 11:15
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 82.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.47**		0.26	0.051	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Cadmium	**0.32**		0.26	0.090	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Chromium	**13.0**		0.64	0.46	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Copper	**18.1**		1.3	0.73	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Manganese	**208**		1.3	0.36	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Nickel	**11.0**		6.4	0.32	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Lead	**529**		1.3	0.59	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Selenium	ND		5.1	1.0	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1
Zinc	**123**		2.6	1.3	mg/Kg	☼	05/05/25 15:02	05/06/25 12:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.17**		0.025	0.0058	mg/Kg	☼	05/05/25 08:53	05/05/25 15:13	1

Client Sample ID: BH10 1-4'
Lab Sample ID: 480-229175-9
Date Collected: 05/02/25 10:45
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
1,2,4-Trimethylbenzene	ND	vs	5.8	1.1	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
1,2-Dichlorobenzene	ND	F1 vs	5.8	0.46	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
1,3,5-Trimethylbenzene	ND	vs	5.8	0.37	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
1,3-Dichlorobenzene	ND	F1 vs	5.8	0.30	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
1,4-Dichlorobenzene	ND	F1 vs	5.8	0.81	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
1,4-Dioxane	ND	F1 vs	120	25	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
2-Butanone (MEK)	**16**	**J F1 vs**	29	2.1	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Acetone	**110**	**F1 vs**	29	4.9	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Benzene	ND	vs	5.8	0.29	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Chlorobenzene	ND	vs	5.8	0.77	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Chloroform	**1.2**	**J B vs**	5.8	0.36	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.74	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Ethylbenzene	ND	F1 vs	5.8	0.40	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
n-Butylbenzene	ND	F1 vs	5.8	0.51	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
N-Propylbenzene	ND	vs	5.8	0.47	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
sec-Butylbenzene	ND	F1 vs	5.8	0.51	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Tetrachloroethene	ND	F1 vs	5.8	0.78	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
Xylenes, Total	ND	vs	12	0.98	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1
tert-Butylbenzene	ND	vs	5.8	0.61	ug/Kg	☼	05/05/25 17:51	05/06/25 01:17	1

Client Sample ID: BH10 1-4'
Lab Sample ID: 480-229175-9
Date Collected: 05/02/25 10:45
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 126	05/05/25 17:51	05/06/25 01:17	1
4-Bromofluorobenzene (Surr)	96		72 - 126	05/05/25 17:51	05/06/25 01:17	1
Toluene-d8 (Surr)	96		71 - 125	05/05/25 17:51	05/06/25 01:17	1
Dibromofluoromethane (Surr)	101		60 - 140	05/05/25 17:51	05/06/25 01:17	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		120	65	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
2-Methylphenol	ND		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
3-Methylphenol	ND		390	31	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
4-Methylphenol	ND		390	24	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Acenaphthene	ND		200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Acenaphthylene	ND		200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Anthracene	ND		200	50	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Benzo[a]anthracene	**82**	**J**	200	20	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Benzo[a]pyrene	**80**	**J**	200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Benzo[b]fluoranthene	**94**	**J**	200	32	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Benzo[g,h,i]perylene	**55**	**J**	200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Benzo[k]fluoranthene	**45**	**J**	200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Chrysene	**79**	**J**	200	45	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Dibenz(a,h)anthracene	ND		200	36	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Dibenzofuran	ND		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Fluoranthene	**170**	**J**	200	21	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Fluorene	ND		200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Indeno[1,2,3-cd]pyrene	**44**	**J**	200	25	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Naphthalene	ND		200	26	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Phenanthrene	**100**	**J**	200	30	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Phenol	ND		200	31	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1
Pyrene	**130**	**J**	200	24	ug/Kg	☼	05/06/25 13:35	05/07/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	98		26 - 143	05/06/25 13:35	05/07/25 19:15	1
2-Fluorobiphenyl (Surr)	87		50 - 121	05/06/25 13:35	05/07/25 19:15	1
2-Fluorophenol (Surr)	73		36 - 120	05/06/25 13:35	05/07/25 19:15	1
Nitrobenzene-d5 (Surr)	80		40 - 121	05/06/25 13:35	05/07/25 19:15	1
Phenol-d5 (Surr)	79		41 - 120	05/06/25 13:35	05/07/25 19:15	1
p-Terphenyl-d14 (Surr)	94		46 - 143	05/06/25 13:35	05/07/25 19:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.35**	**J ^5-**	0.71	0.24	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1
Arsenic	**6.9**		2.4	1.0	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1
Barium	**120**		0.59	0.17	mg/Kg	☼	05/07/25 14:56	05/08/25 11:42	1
Beryllium	**0.59**		0.24	0.047	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1
Cadmium	**0.33**		0.24	0.083	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1
Chromium	**16.0**		0.59	0.42	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1
Copper	**35.3**		1.2	0.67	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1
Manganese	**244**		1.2	0.33	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1
Nickel	**15.4**		5.9	0.29	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1

Client Sample ID: BH10 1-4'

Lab Sample ID: 480-229175-9

Date Collected: 05/02/25 10:45
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**410**		1.2	0.54	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1
Selenium	ND		4.7	0.94	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1
Zinc	**250**		2.4	1.2	mg/Kg	☼	05/05/25 15:02	05/06/25 12:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.23**		0.024	0.0056	mg/Kg	☼	05/05/25 08:53	05/05/25 15:14	1

Client Sample ID: TW1

Lab Sample ID: 480-229175-10

Date Collected: 05/02/25 09:30
Matrix: Water
Date Received: 05/02/25 17:37

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/07/25 20:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/07/25 20:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/07/25 20:50	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			05/07/25 20:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/07/25 20:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/07/25 20:50	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			05/07/25 20:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/07/25 20:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/07/25 20:50	1
1,4-Dioxane	ND		40	9.3	ug/L			05/07/25 20:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/07/25 20:50	1
Acetone	**9.9**	**J**	10	3.0	ug/L			05/07/25 20:50	1
Benzene	ND		1.0	0.41	ug/L			05/07/25 20:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/07/25 20:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/07/25 20:50	1
Chloroform	ND		1.0	0.34	ug/L			05/07/25 20:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/07/25 20:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/07/25 20:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/07/25 20:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/07/25 20:50	1
n-Butylbenzene	ND		1.0	0.64	ug/L			05/07/25 20:50	1
N-Propylbenzene	ND		1.0	0.69	ug/L			05/07/25 20:50	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			05/07/25 20:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/07/25 20:50	1
Toluene	ND		1.0	0.51	ug/L			05/07/25 20:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/07/25 20:50	1
Trichloroethene	ND		1.0	0.46	ug/L			05/07/25 20:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/07/25 20:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/07/25 20:50	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			05/07/25 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*05/07/25 20:50*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/07/25 20:50*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/07/25 20:50*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*05/07/25 20:50*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Client Sample ID: TW1
Lab Sample ID: 480-229175-10

Date Collected: 05/02/25 09:30
Matrix: Water

Date Received: 05/02/25 17:37

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		10	1.1	ug/L		05/05/25 13:35	05/06/25 23:51	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/05/25 13:35	05/06/25 23:51	1
3-Methylphenol	ND		10	0.40	ug/L		05/05/25 13:35	05/06/25 23:51	1
4-Methylphenol	ND		10	0.36	ug/L		05/05/25 13:35	05/06/25 23:51	1
Acenaphthene	ND		5.0	0.41	ug/L		05/05/25 13:35	05/06/25 23:51	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/05/25 13:35	05/06/25 23:51	1
Anthracene	ND		5.0	0.28	ug/L		05/05/25 13:35	05/06/25 23:51	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/05/25 13:35	05/06/25 23:51	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/05/25 13:35	05/06/25 23:51	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/05/25 13:35	05/06/25 23:51	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/05/25 13:35	05/06/25 23:51	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/05/25 13:35	05/06/25 23:51	1
Chrysene	ND		5.0	0.33	ug/L		05/05/25 13:35	05/06/25 23:51	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/05/25 13:35	05/06/25 23:51	1
Dibenzofuran	ND		10	0.51	ug/L		05/05/25 13:35	05/06/25 23:51	1
Fluoranthene	ND		5.0	0.40	ug/L		05/05/25 13:35	05/06/25 23:51	1
Fluorene	ND		5.0	0.36	ug/L		05/05/25 13:35	05/06/25 23:51	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/05/25 13:35	05/06/25 23:51	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/05/25 13:35	05/06/25 23:51	1
Naphthalene	ND		5.0	0.76	ug/L		05/05/25 13:35	05/06/25 23:51	1
Pentachlorophenol	ND		10	2.2	ug/L		05/05/25 13:35	05/06/25 23:51	1
Phenanthrene	ND		5.0	0.44	ug/L		05/05/25 13:35	05/06/25 23:51	1
Phenol	ND		5.0	0.39	ug/L		05/05/25 13:35	05/06/25 23:51	1
Pyrene	ND		5.0	0.34	ug/L		05/05/25 13:35	05/06/25 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*77*		*29 - 129*	*05/05/25 13:35*	*05/06/25 23:51*	*1*
p-Terphenyl-d14 (Surr)	*87*		*33 - 132*	*05/05/25 13:35*	*05/06/25 23:51*	*1*
Phenol-d5 (Surr)	*49*		*10 - 120*	*05/05/25 13:35*	*05/06/25 23:51*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*05/05/25 13:35*	*05/06/25 23:51*	*1*
2,4,6-Tribromophenol (Surr)	*111*		*25 - 144*	*05/05/25 13:35*	*05/06/25 23:51*	*1*
2-Fluorobiphenyl (Surr)	*102*		*53 - 126*	*05/05/25 13:35*	*05/06/25 23:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.0052**	**J ^5-**	0.0060	0.0017	mg/L		05/06/25 08:13	05/06/25 13:41	1
Arsenic	**0.16**		0.015	0.0056	mg/L		05/06/25 08:13	05/06/25 13:41	1
Barium	**3.8**		0.0020	0.00070	mg/L		05/06/25 08:13	05/06/25 13:41	1
Beryllium	**0.012**		0.0020	0.00030	mg/L		05/06/25 08:13	05/06/25 13:41	1
Cadmium	**0.0090**		0.0020	0.00050	mg/L		05/06/25 08:13	05/06/25 13:41	1
Chromium	**0.56**		0.0040	0.0010	mg/L		05/06/25 08:13	05/06/25 13:41	1
Copper	**0.53**		0.010	0.0016	mg/L		05/06/25 08:13	05/06/25 13:41	1
Manganese	**12.2**		0.0030	0.00040	mg/L		05/06/25 08:13	05/06/25 13:41	1
Nickel	**0.71**		0.010	0.0013	mg/L		05/06/25 08:13	05/06/25 13:41	1
Lead	**2.5**		0.010	0.0030	mg/L		05/06/25 08:13	05/06/25 13:41	1
Selenium	**0.011**	**J**	0.025	0.0087	mg/L		05/06/25 08:13	05/06/25 13:41	1
Zinc	**2.6**		0.010	0.0015	mg/L		05/06/25 08:13	05/06/25 13:41	1

Client Sample ID: TW1

Lab Sample ID: 480-229175-10

Date Collected: 05/02/25 09:30

Matrix: Water

Date Received: 05/02/25 17:37

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0025**	**J**	0.0060	0.0013	mg/L		05/06/25 08:03	05/06/25 15:55	1

Client Sample ID: TW2

Lab Sample ID: 480-229175-11

Date Collected: 05/02/25 13:45

Matrix: Water

Date Received: 05/02/25 17:37

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/07/25 21:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/07/25 21:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/07/25 21:12	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			05/07/25 21:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/07/25 21:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/07/25 21:12	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			05/07/25 21:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/07/25 21:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/07/25 21:12	1
1,4-Dioxane	ND		40	9.3	ug/L			05/07/25 21:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/07/25 21:12	1
Acetone	**6.4**	**J**	10	3.0	ug/L			05/07/25 21:12	1
Benzene	ND		1.0	0.41	ug/L			05/07/25 21:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/07/25 21:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/07/25 21:12	1
Chloroform	ND		1.0	0.34	ug/L			05/07/25 21:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/07/25 21:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/07/25 21:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/07/25 21:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/07/25 21:12	1
n-Butylbenzene	ND		1.0	0.64	ug/L			05/07/25 21:12	1
N-Propylbenzene	ND		1.0	0.69	ug/L			05/07/25 21:12	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			05/07/25 21:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/07/25 21:12	1
Toluene	ND		1.0	0.51	ug/L			05/07/25 21:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/07/25 21:12	1
Trichloroethene	ND		1.0	0.46	ug/L			05/07/25 21:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/07/25 21:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/07/25 21:12	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			05/07/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*05/07/25 21:12*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*05/07/25 21:12*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/07/25 21:12*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*05/07/25 21:12*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		10	1.1	ug/L		05/05/25 13:35	05/07/25 13:18	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/05/25 13:35	05/07/25 13:18	1
3-Methylphenol	ND		10	0.40	ug/L		05/05/25 13:35	05/07/25 13:18	1

Client Sample ID: TW2
Lab Sample ID: 480-229175-11
Date Collected: 05/02/25 13:45
Matrix: Water
Date Received: 05/02/25 17:37

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		10	0.36	ug/L		05/05/25 13:35	05/07/25 13:18	1
Acenaphthene	ND		5.0	0.41	ug/L		05/05/25 13:35	05/07/25 13:18	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/05/25 13:35	05/07/25 13:18	1
Anthracene	ND		5.0	0.28	ug/L		05/05/25 13:35	05/07/25 13:18	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/05/25 13:35	05/07/25 13:18	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/05/25 13:35	05/07/25 13:18	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/05/25 13:35	05/07/25 13:18	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/05/25 13:35	05/07/25 13:18	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/05/25 13:35	05/07/25 13:18	1
Chrysene	ND		5.0	0.33	ug/L		05/05/25 13:35	05/07/25 13:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/05/25 13:35	05/07/25 13:18	1
Dibenzofuran	ND		10	0.51	ug/L		05/05/25 13:35	05/07/25 13:18	1
Fluoranthene	ND		5.0	0.40	ug/L		05/05/25 13:35	05/07/25 13:18	1
Fluorene	ND		5.0	0.36	ug/L		05/05/25 13:35	05/07/25 13:18	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/05/25 13:35	05/07/25 13:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/05/25 13:35	05/07/25 13:18	1
Naphthalene	ND		5.0	0.76	ug/L		05/05/25 13:35	05/07/25 13:18	1
Pentachlorophenol	ND		10	2.2	ug/L		05/05/25 13:35	05/07/25 13:18	1
Phenanthrene	ND		5.0	0.44	ug/L		05/05/25 13:35	05/07/25 13:18	1
Phenol	ND		5.0	0.39	ug/L		05/05/25 13:35	05/07/25 13:18	1
Pyrene	ND		5.0	0.34	ug/L		05/05/25 13:35	05/07/25 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*74*		*29 - 129*	*05/05/25 13:35*	*05/07/25 13:18*	*1*
p-Terphenyl-d14 (Surr)	*74*		*33 - 132*	*05/05/25 13:35*	*05/07/25 13:18*	*1*
Phenol-d5 (Surr)	*38*		*10 - 120*	*05/05/25 13:35*	*05/07/25 13:18*	*1*
2-Fluorophenol (Surr)	*56*		*24 - 120*	*05/05/25 13:35*	*05/07/25 13:18*	*1*
2,4,6-Tribromophenol (Surr)	*99*		*25 - 144*	*05/05/25 13:35*	*05/07/25 13:18*	*1*
2-Fluorobiphenyl (Surr)	*88*		*53 - 126*	*05/05/25 13:35*	*05/07/25 13:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.0060	0.0017	mg/L		05/06/25 08:13	05/06/25 13:43	1
Arsenic	**0.089**		0.015	0.0056	mg/L		05/06/25 08:13	05/06/25 13:43	1
Barium	**1.3**		0.0020	0.00070	mg/L		05/06/25 08:13	05/06/25 13:43	1
Beryllium	**0.0052**		0.0020	0.00030	mg/L		05/06/25 08:13	05/06/25 13:43	1
Cadmium	**0.0064**		0.0020	0.00050	mg/L		05/06/25 08:13	05/06/25 13:43	1
Chromium	**0.23**		0.0040	0.0010	mg/L		05/06/25 08:13	05/06/25 13:43	1
Copper	**0.35**		0.010	0.0016	mg/L		05/06/25 08:13	05/06/25 13:43	1
Manganese	**3.0**		0.0030	0.00040	mg/L		05/06/25 08:13	05/06/25 13:43	1
Nickel	**0.20**		0.010	0.0013	mg/L		05/06/25 08:13	05/06/25 13:43	1
Lead	**2.9**		0.010	0.0030	mg/L		05/06/25 08:13	05/06/25 13:43	1
Selenium	ND		0.025	0.0087	mg/L		05/06/25 08:13	05/06/25 13:43	1
Zinc	**2.7**		0.010	0.0015	mg/L		05/06/25 08:13	05/06/25 13:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0022**		0.00060	0.00013	mg/L		05/06/25 08:03	05/06/25 15:56	1

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-229175-1	BH1 1-4'	106	99	95	103
480-229175-2	BH2 1-4'	109	96	94	104
480-229175-3	BH3 1-4'	108	96	94	105
480-229175-4	BH4 1-4'	108	97	95	104
480-229175-5	BH5 1-4'	107	96	95	107
480-229175-6	BH6 1-4'	109	98	94	105
480-229175-7	BH7 1-4'	107	99	96	105
480-229175-8	BH9 1-4'	108	97	96	106
480-229175-9	BH10 1-4'	107	96	96	101
480-229175-9 MS	BH10 1-4'	91	94	98	99
480-229175-9 MSD	BH10 1-4'	91	94	98	99
LCS 480-745258/1-A	Lab Control Sample	103	97	98	102
MB 480-745258/2-A	Method Blank	105	96	95	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-229175-10	TW1	107	99	98	107
480-229175-11	TW2	107	98	98	106
LCS 480-745403/6	Lab Control Sample	99	97	99	97
MB 480-745403/8	Method Blank	103	99	98	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(26-143)	(50-121)	(36-120)	(40-121)	(41-120)	(46-143)
480-229175-1	BH1 1-4'	94	89	72	79	80	96
480-229175-2	BH2 1-4'	98	80	67	72	73	93
480-229175-3	BH3 1-4'	91	76	67	69	73	90
480-229175-4	BH4 1-4'	81	87	77	83	84	90
480-229175-4 MS	BH4 1-4'	102	93	83	87	88	96
480-229175-4 MSD	BH4 1-4'	103	95	83	90	88	96
480-229175-5	BH5 1-4'	89	79	73	77	77	91
480-229175-6	BH6 1-4'	92	74	58	63	64	91

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(26-143)	(50-121)	(36-120)	(40-121)	(41-120)	(46-143)
480-229175-7	BH7 1-4'	76	75	71	75	72	72
480-229175-8	BH9 1-4'	87	86	77	82	81	87
480-229175-9	BH10 1-4'	98	87	73	80	79	94
LCS 480-745333/2-A	Lab Control Sample	112	99	84	91	87	115
MB 480-745333/1-A	Method Blank	97	93	82	87	84	105

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	TPHd14	PHL	2FP	TBP	FBP
Lab Sample ID	Client Sample ID	(29-129)	(33-132)	(10-120)	(24-120)	(25-144)	(53-126)
480-229175-10	TW1	77	87	49	66	111	102
480-229175-11	TW2	74	74	38	56	99	88
LCS 480-745229/2-A	Lab Control Sample	94	106	49	68	105	102
MB 480-745229/1-A	Method Blank	65	102	35	53	86	84

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-745258/2-A
Matrix: Solid
Analysis Batch: 745260

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
1,4-Dioxane	ND		100	22	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Acetone	ND		25	4.2	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Benzene	ND		5.0	0.25	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Chloroform	1.16	J	5.0	0.31	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Toluene	ND		5.0	0.38	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Trichloroethene	ND		5.0	1.1	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
Xylenes, Total	ND		10	0.84	ug/Kg		05/05/25 17:51	05/05/25 21:21	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		05/05/25 17:51	05/05/25 21:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*05/05/25 17:51*	*05/05/25 21:21*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*05/05/25 17:51*	*05/05/25 21:21*	*1*
Toluene-d8 (Surr)	*95*		*71 - 125*	*05/05/25 17:51*	*05/05/25 21:21*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*05/05/25 17:51*	*05/05/25 21:21*	*1*

Lab Sample ID: LCS 480-745258/1-A
Matrix: Solid
Analysis Batch: 745260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	56.0		ug/Kg		112	77 - 121
1,1-Dichloroethane	50.0	54.9		ug/Kg		110	73 - 126
1,1-Dichloroethene	50.0	54.8		ug/Kg		110	59 - 125
1,2,4-Trimethylbenzene	50.0	51.1		ug/Kg		102	74 - 120
1,2-Dichlorobenzene	50.0	49.3		ug/Kg		99	75 - 120
1,2-Dichloroethane	50.0	55.4		ug/Kg		111	77 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-745258/1-A
Matrix: Solid
Analysis Batch: 745260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745258

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,3,5-Trimethylbenzene			50.0	52.4		ug/Kg		105	74 - 120		
1,3-Dichlorobenzene			50.0	50.1		ug/Kg		100	74 - 120		
1,4-Dichlorobenzene			50.0	49.6		ug/Kg		99	73 - 120		
1,4-Dioxane			1000	1060		ug/Kg		106	64 - 124		
2-Butanone (MEK)			250	302		ug/Kg		121	70 - 134		
Acetone			250	294		ug/Kg		118	61 - 137		
Benzene			50.0	53.5		ug/Kg		107	79 - 127		
Carbon tetrachloride			50.0	54.0		ug/Kg		108	75 - 135		
Chlorobenzene			50.0	50.2		ug/Kg		100	76 - 124		
Chloroform			50.0	51.5		ug/Kg		103	80 - 120		
cis-1,2-Dichloroethene			50.0	52.1		ug/Kg		104	81 - 120		
Ethylbenzene			50.0	50.2		ug/Kg		100	80 - 120		
Methyl tert-butyl ether			50.0	52.5		ug/Kg		105	63 - 125		
Methylene Chloride			50.0	57.4		ug/Kg		115	61 - 127		
n-Butylbenzene			50.0	52.3		ug/Kg		105	70 - 120		
N-Propylbenzene			50.0	52.6		ug/Kg		105	70 - 130		
sec-Butylbenzene			50.0	52.8		ug/Kg		106	74 - 120		
Tetrachloroethene			50.0	50.1		ug/Kg		100	74 - 122		
Toluene			50.0	50.5		ug/Kg		101	74 - 128		
trans-1,2-Dichloroethene			50.0	53.2		ug/Kg		106	78 - 126		
Trichloroethene			50.0	54.4		ug/Kg		109	77 - 129		
Vinyl chloride			50.0	56.5		ug/Kg		113	61 - 133		
Xylenes, Total			100	101		ug/Kg		101	70 - 130		
tert-Butylbenzene			50.0	54.5		ug/Kg		109	73 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*
Toluene-d8 (Surr)	*98*		*71 - 125*
Dibromofluoromethane (Surr)	*102*		*60 - 140*

Lab Sample ID: 480-229175-9 MS
Matrix: Solid
Analysis Batch: 745260

Client Sample ID: BH10 1-4'
Prep Type: Total/NA
Prep Batch: 745258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	ND	vs	57.4	55.2	vs	ug/Kg	☼	96	77 - 121		
1,1-Dichloroethane	ND	vs	57.4	58.0	vs	ug/Kg	☼	101	73 - 126		
1,1-Dichloroethene	ND	vs	57.4	54.5	vs	ug/Kg	☼	95	59 - 125		
1,2,4-Trimethylbenzene	ND	vs	57.4	44.7	vs	ug/Kg	☼	78	74 - 120		
1,2-Dichlorobenzene	ND	F1 vs	57.4	39.9	F1 vs	ug/Kg	☼	69	75 - 120		
1,2-Dichloroethane	ND	vs	57.4	51.3	vs	ug/Kg	☼	89	77 - 122		
1,3,5-Trimethylbenzene	ND	vs	57.4	45.5	vs	ug/Kg	☼	79	74 - 120		
1,3-Dichlorobenzene	ND	F1 vs	57.4	39.6	F1 vs	ug/Kg	☼	69	74 - 120		
1,4-Dichlorobenzene	ND	F1 vs	57.4	39.1	F1 vs	ug/Kg	☼	68	73 - 120		
1,4-Dioxane	ND	F1 vs	1150	712	F1 vs	ug/Kg	☼	62	64 - 124		
2-Butanone (MEK)	16	J F1 vs	287	218	vs	ug/Kg	☼	70	70 - 134		
Acetone	110	F1 vs	287	291	vs	ug/Kg	☼	62	61 - 137		

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-229175-9 MS
Matrix: Solid
Analysis Batch: 745260

Client Sample ID: BH10 1-4'
Prep Type: Total/NA
Prep Batch: 745258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND	vs	57.4	54.1	vs	ug/Kg	☼	94	79 - 127
Carbon tetrachloride	ND	vs	57.4	49.6	vs	ug/Kg	☼	86	75 - 135
Chlorobenzene	ND	vs	57.4	46.1	vs	ug/Kg	☼	80	76 - 124
Chloroform	1.2	J B vs	57.4	54.2	vs	ug/Kg	☼	92	80 - 120
cis-1,2-Dichloroethene	ND	vs	57.4	54.7	vs	ug/Kg	☼	95	80 - 120
Ethylbenzene	ND	F1 vs	57.4	47.1	vs	ug/Kg	☼	82	80 - 120
Methyl tert-butyl ether	ND	vs	57.4	49.2	vs	ug/Kg	☼	86	63 - 125
Methylene Chloride	ND	vs	57.4	60.0	vs	ug/Kg	☼	105	61 - 127
n-Butylbenzene	ND	F1 vs	57.4	36.6	F1 vs	ug/Kg	☼	64	70 - 120
N-Propylbenzene	ND	vs	57.4	44.6	vs	ug/Kg	☼	78	70 - 130
sec-Butylbenzene	ND	F1 vs	57.4	42.1	F1 vs	ug/Kg	☼	73	74 - 120
Tetrachloroethene	ND	F1 vs	57.4	43.6	vs	ug/Kg	☼	76	74 - 122
Toluene	ND	vs	57.4	49.6	vs	ug/Kg	☼	86	74 - 128
trans-1,2-Dichloroethene	ND	vs	57.4	53.1	vs	ug/Kg	☼	92	78 - 126
Trichloroethene	ND	vs	57.4	52.3	vs	ug/Kg	☼	91	77 - 129
Vinyl chloride	ND	vs	57.4	56.3	vs	ug/Kg	☼	98	61 - 133
Xylenes, Total	ND	vs	115	94.9	vs	ug/Kg	☼	83	70 - 130
tert-Butylbenzene	ND	vs	57.4	46.5	vs	ug/Kg	☼	81	73 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*
Toluene-d8 (Surr)	*98*		*71 - 125*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: 480-229175-9 MSD
Matrix: Solid
Analysis Batch: 745260

Client Sample ID: BH10 1-4'
Prep Type: Total/NA
Prep Batch: 745258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	vs	58.1	51.8	vs	ug/Kg	☼	89	77 - 121	6	30
1,1-Dichloroethane	ND	vs	58.1	53.8	vs	ug/Kg	☼	93	73 - 126	7	30
1,1-Dichloroethene	ND	vs	58.1	49.8	vs	ug/Kg	☼	86	59 - 125	9	30
1,2,4-Trimethylbenzene	ND	vs	58.1	42.8	vs	ug/Kg	☼	74	74 - 120	4	30
1,2-Dichlorobenzene	ND	F1 vs	58.1	37.9	F1 vs	ug/Kg	☼	65	75 - 120	5	30
1,2-Dichloroethane	ND	vs	58.1	50.0	vs	ug/Kg	☼	86	77 - 122	2	30
1,3,5-Trimethylbenzene	ND	vs	58.1	43.4	vs	ug/Kg	☼	75	74 - 120	5	30
1,3-Dichlorobenzene	ND	F1 vs	58.1	38.7	F1 vs	ug/Kg	☼	67	74 - 120	2	30
1,4-Dichlorobenzene	ND	F1 vs	58.1	37.9	F1 vs	ug/Kg	☼	65	73 - 120	3	30
1,4-Dioxane	ND	F1 vs	1160	760	vs	ug/Kg	☼	65	64 - 124	7	30
2-Butanone (MEK)	16	J F1 vs	290	208	F1 vs	ug/Kg	☼	66	70 - 134	5	30
Acetone	110	F1 vs	290	280	F1 vs	ug/Kg	☼	58	61 - 137	4	30
Benzene	ND	vs	58.1	51.5	vs	ug/Kg	☼	89	79 - 127	5	30
Carbon tetrachloride	ND	vs	58.1	47.9	vs	ug/Kg	☼	82	75 - 135	4	30
Chlorobenzene	ND	vs	58.1	44.8	vs	ug/Kg	☼	77	76 - 124	3	30
Chloroform	1.2	J B vs	58.1	51.1	vs	ug/Kg	☼	86	80 - 120	6	30
cis-1,2-Dichloroethene	ND	vs	58.1	50.5	vs	ug/Kg	☼	87	80 - 120	8	30
Ethylbenzene	ND	F1 vs	58.1	44.9	F1 vs	ug/Kg	☼	77	80 - 120	5	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-229175-9 MSD
Matrix: Solid
Analysis Batch: 745260

Client Sample ID: BH10 1-4'
Prep Type: Total/NA
Prep Batch: 745258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND	vs	58.1	47.6	vs	ug/Kg	☼	82	63 - 125	3	30
Methylene Chloride	ND	vs	58.1	56.1	vs	ug/Kg	☼	97	61 - 127	7	30
n-Butylbenzene	ND	F1 vs	58.1	35.0	F1 vs	ug/Kg	☼	60	70 - 120	4	30
N-Propylbenzene	ND	vs	58.1	42.6	vs	ug/Kg	☼	73	70 - 130	5	30
sec-Butylbenzene	ND	F1 vs	58.1	39.4	F1 vs	ug/Kg	☼	68	74 - 120	7	30
Tetrachloroethene	ND	F1 vs	58.1	42.2	F1 vs	ug/Kg	☼	73	74 - 122	3	30
Toluene	ND	vs	58.1	47.7	vs	ug/Kg	☼	82	74 - 128	4	30
trans-1,2-Dichloroethene	ND	vs	58.1	47.6	vs	ug/Kg	☼	82	78 - 126	11	30
Trichloroethene	ND	vs	58.1	49.8	vs	ug/Kg	☼	86	77 - 129	5	30
Vinyl chloride	ND	vs	58.1	52.3	vs	ug/Kg	☼	90	61 - 133	8	30
Xylenes, Total	ND	vs	116	90.5	vs	ug/Kg	☼	78	70 - 130	5	30
tert-Butylbenzene	ND	vs	58.1	44.1	vs	ug/Kg	☼	76	73 - 120	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*
Toluene-d8 (Surr)	*98*		*71 - 125*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: MB 480-745403/8
Matrix: Water
Analysis Batch: 745403

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/07/25 12:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/07/25 12:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/07/25 12:19	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			05/07/25 12:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/07/25 12:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/07/25 12:19	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			05/07/25 12:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/07/25 12:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/07/25 12:19	1
1,4-Dioxane	ND		40	9.3	ug/L			05/07/25 12:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/07/25 12:19	1
Acetone	ND		10	3.0	ug/L			05/07/25 12:19	1
Benzene	ND		1.0	0.41	ug/L			05/07/25 12:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/07/25 12:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/07/25 12:19	1
Chloroform	ND		1.0	0.34	ug/L			05/07/25 12:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/07/25 12:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/07/25 12:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/07/25 12:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/07/25 12:19	1
n-Butylbenzene	ND		1.0	0.64	ug/L			05/07/25 12:19	1
N-Propylbenzene	ND		1.0	0.69	ug/L			05/07/25 12:19	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			05/07/25 12:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/07/25 12:19	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-745403/8
Matrix: Water
Analysis Batch: 745403

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			05/07/25 12:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/07/25 12:19	1
Trichloroethene	ND		1.0	0.46	ug/L			05/07/25 12:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/07/25 12:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/07/25 12:19	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			05/07/25 12:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*05/07/25 12:19*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/07/25 12:19*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/07/25 12:19*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*05/07/25 12:19*	*1*

Lab Sample ID: LCS 480-745403/6
Matrix: Water
Analysis Batch: 745403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	21.7		ug/L		87	73 - 126
1,1-Dichloroethane	25.0	23.1		ug/L		93	77 - 120
1,1-Dichloroethene	25.0	23.1		ug/L		92	66 - 127
1,2,4-Trimethylbenzene	25.0	24.0		ug/L		96	76 - 121
1,2-Dichlorobenzene	25.0	22.9		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	24.1		ug/L		97	75 - 120
1,3,5-Trimethylbenzene	25.0	23.9		ug/L		96	77 - 121
1,3-Dichlorobenzene	25.0	23.3		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	22.8		ug/L		91	80 - 120
1,4-Dioxane	500	681		ug/L		136	50 - 150
2-Butanone (MEK)	125	153		ug/L		122	57 - 140
Acetone	125	166		ug/L		133	56 - 142
Benzene	25.0	22.2		ug/L		89	71 - 124
Carbon tetrachloride	25.0	21.6		ug/L		86	72 - 134
Chlorobenzene	25.0	23.4		ug/L		94	80 - 120
Chloroform	25.0	24.7		ug/L		99	73 - 127
cis-1,2-Dichloroethene	25.0	22.1		ug/L		88	74 - 124
Ethylbenzene	25.0	23.6		ug/L		94	77 - 123
Methyl tert-butyl ether	25.0	22.3		ug/L		89	77 - 120
Methylene Chloride	25.0	24.3		ug/L		97	75 - 124
n-Butylbenzene	25.0	24.2		ug/L		97	71 - 128
N-Propylbenzene	25.0	24.4		ug/L		97	75 - 127
sec-Butylbenzene	25.0	24.6		ug/L		98	74 - 127
Tetrachloroethene	25.0	23.2		ug/L		93	74 - 122
Toluene	25.0	22.8		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	22.2		ug/L		89	73 - 127
Trichloroethene	25.0	23.2		ug/L		93	74 - 123
Vinyl chloride	25.0	25.1		ug/L		100	65 - 133
Xylenes, Total	50.0	46.4		ug/L		93	76 - 122
tert-Butylbenzene	25.0	25.0		ug/L		100	75 - 123

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-745403/6
Matrix: Water
Analysis Batch: 745403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-745229/1-A
Matrix: Water
Analysis Batch: 745292

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745229

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		10	1.1	ug/L		05/05/25 13:35	05/06/25 14:24	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/05/25 13:35	05/06/25 14:24	1
3-Methylphenol	ND		10	0.40	ug/L		05/05/25 13:35	05/06/25 14:24	1
4-Methylphenol	ND		10	0.36	ug/L		05/05/25 13:35	05/06/25 14:24	1
Acenaphthene	ND		5.0	0.41	ug/L		05/05/25 13:35	05/06/25 14:24	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/05/25 13:35	05/06/25 14:24	1
Anthracene	ND		5.0	0.28	ug/L		05/05/25 13:35	05/06/25 14:24	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/05/25 13:35	05/06/25 14:24	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/05/25 13:35	05/06/25 14:24	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/05/25 13:35	05/06/25 14:24	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/05/25 13:35	05/06/25 14:24	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/05/25 13:35	05/06/25 14:24	1
Chrysene	ND		5.0	0.33	ug/L		05/05/25 13:35	05/06/25 14:24	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/05/25 13:35	05/06/25 14:24	1
Dibenzofuran	ND		10	0.51	ug/L		05/05/25 13:35	05/06/25 14:24	1
Fluoranthene	ND		5.0	0.40	ug/L		05/05/25 13:35	05/06/25 14:24	1
Fluorene	ND		5.0	0.36	ug/L		05/05/25 13:35	05/06/25 14:24	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/05/25 13:35	05/06/25 14:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/05/25 13:35	05/06/25 14:24	1
Naphthalene	ND		5.0	0.76	ug/L		05/05/25 13:35	05/06/25 14:24	1
Pentachlorophenol	ND		10	2.2	ug/L		05/05/25 13:35	05/06/25 14:24	1
Phenanthrene	ND		5.0	0.44	ug/L		05/05/25 13:35	05/06/25 14:24	1
Phenol	ND		5.0	0.39	ug/L		05/05/25 13:35	05/06/25 14:24	1
Pyrene	ND		5.0	0.34	ug/L		05/05/25 13:35	05/06/25 14:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	*65*		*29 - 129*	*05/05/25 13:35*	*05/06/25 14:24*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 120*	*05/05/25 13:35*	*05/06/25 14:24*	*1*
Phenol-d5 (Surr)	*35*		*10 - 120*	*05/05/25 13:35*	*05/06/25 14:24*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*25 - 144*	*05/05/25 13:35*	*05/06/25 14:24*	*1*
p-Terphenyl-d14 (Surr)	*102*		*33 - 132*	*05/05/25 13:35*	*05/06/25 14:24*	*1*
2-Fluorobiphenyl (Surr)	*84*		*53 - 126*	*05/05/25 13:35*	*05/06/25 14:24*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-745229/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 745292
Prep Batch: 745229

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			32.0	15.5		ug/L		48	10 - 120		
2-Methylphenol			32.0	27.4		ug/L		86	39 - 120		
3-Methylphenol			32.0	27.6		ug/L		86	39 - 120		
4-Methylphenol			32.0	27.6		ug/L		86	29 - 131		
Acenaphthene			32.0	34.0		ug/L		106	60 - 120		
Acenaphthylene			32.0	33.2		ug/L		104	63 - 120		
Anthracene			32.0	36.2		ug/L		113	67 - 120		
Benzo[a]anthracene			32.0	37.0		ug/L		116	70 - 121		
Benzo[a]pyrene			32.0	36.5		ug/L		114	60 - 123		
Benzo[b]fluoranthene			32.0	39.8		ug/L		124	66 - 126		
Benzo[g,h,i]perylene			32.0	34.3		ug/L		107	66 - 150		
Benzo[k]fluoranthene			32.0	37.2		ug/L		116	65 - 124		
Chrysene			32.0	37.0		ug/L		116	69 - 120		
Dibenz(a,h)anthracene			32.0	32.6		ug/L		102	65 - 135		
Dibenzofuran			32.0	34.7		ug/L		109	66 - 120		
Fluoranthene			32.0	37.5		ug/L		117	69 - 126		
Fluorene			32.0	35.1		ug/L		110	66 - 120		
Hexachlorobenzene			32.0	33.0		ug/L		103	61 - 120		
Indeno[1,2,3-cd]pyrene			32.0	33.3		ug/L		104	69 - 146		
Naphthalene			32.0	31.4		ug/L		98	57 - 120		
Pentachlorophenol			64.0	62.3		ug/L		97	10 - 136		
Phenanthrene			32.0	35.2		ug/L		110	68 - 120		
Phenol			32.0	16.5		ug/L		51	17 - 120		
Pyrene			32.0	37.1		ug/L		116	70 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*94*		*29 - 129*
2-Fluorophenol (Surr)	*68*		*24 - 120*
Phenol-d5 (Surr)	*49*		*10 - 120*
2,4,6-Tribromophenol (Surr)	*105*		*25 - 144*
p-Terphenyl-d14 (Surr)	*106*		*33 - 132*
2-Fluorobiphenyl (Surr)	*102*		*53 - 126*

Lab Sample ID: MB 480-745333/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 745390
Prep Batch: 745333

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		100	55	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
2-Methylphenol	ND		170	20	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
3-Methylphenol	ND		330	26	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
4-Methylphenol	ND		330	20	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Acenaphthene	ND		170	25	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Acenaphthylene	ND		170	22	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Anthracene	ND		170	42	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Benzo[a]anthracene	ND		170	17	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Benzo[a]pyrene	ND		170	25	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		05/06/25 13:35	05/07/25 10:50	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-745333/1-A
Matrix: Solid
Analysis Batch: 745390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745333

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Chrysene	ND		170	38	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Dibenzofuran	ND		170	20	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Fluoranthene	ND		170	18	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Fluorene	ND		170	20	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Hexachlorobenzene	ND		170	23	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Naphthalene	ND		170	22	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Pentachlorophenol	ND		330	170	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Phenanthrene	ND		170	25	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Phenol	ND		170	26	ug/Kg		05/06/25 13:35	05/07/25 10:50	1
Pyrene	ND		170	20	ug/Kg		05/06/25 13:35	05/07/25 10:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*87*		*40 - 121*	*05/06/25 13:35*	*05/07/25 10:50*	*1*
2-Fluorophenol (Surr)	*82*		*36 - 120*	*05/06/25 13:35*	*05/07/25 10:50*	*1*
Phenol-d5 (Surr)	*84*		*41 - 120*	*05/06/25 13:35*	*05/07/25 10:50*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*26 - 143*	*05/06/25 13:35*	*05/07/25 10:50*	*1*
p-Terphenyl-d14 (Surr)	*105*		*46 - 143*	*05/06/25 13:35*	*05/07/25 10:50*	*1*
2-Fluorobiphenyl (Surr)	*93*		*50 - 121*	*05/06/25 13:35*	*05/07/25 10:50*	*1*

Lab Sample ID: LCS 480-745333/2-A
Matrix: Solid
Analysis Batch: 745390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745333

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	1330	729		ug/Kg		55	23 - 120
2-Methylphenol	1330	1090		ug/Kg		82	54 - 120
3-Methylphenol	1330	1140		ug/Kg		86	55 - 120
4-Methylphenol	1330	1140		ug/Kg		86	55 - 120
Acenaphthene	1330	1260		ug/Kg		95	62 - 120
Acenaphthylene	1330	1260		ug/Kg		94	58 - 121
Anthracene	1330	1370		ug/Kg		103	62 - 120
Benzo[a]anthracene	1330	1360		ug/Kg		102	65 - 120
Benzo[a]pyrene	1330	1400		ug/Kg		105	64 - 120
Benzo[b]fluoranthene	1330	1440		ug/Kg		108	64 - 120
Benzo[g,h,i]perylene	1330	1450		ug/Kg		108	45 - 145
Benzo[k]fluoranthene	1330	1390		ug/Kg		105	65 - 120
Chrysene	1330	1340		ug/Kg		100	64 - 120
Dibenz(a,h)anthracene	1330	1350		ug/Kg		101	54 - 132
Dibenzofuran	1330	1280		ug/Kg		96	63 - 120
Fluoranthene	1330	1290		ug/Kg		97	62 - 120
Fluorene	1330	1290		ug/Kg		97	63 - 120
Hexachlorobenzene	1330	1420		ug/Kg		107	60 - 120
Indeno[1,2,3-cd]pyrene	1330	1360		ug/Kg		102	56 - 134
Naphthalene	1330	1170		ug/Kg		88	55 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-745333/2-A
Matrix: Solid
Analysis Batch: 745390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745333

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pentachlorophenol			2670	2690		ug/Kg		101	10 - 120		
Phenanthrene			1330	1340		ug/Kg		101	60 - 120		
Phenol			1330	1110		ug/Kg		83	53 - 120		
Pyrene			1330	1550		ug/Kg		116	61 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*91*		*40 - 121*
2-Fluorophenol (Surr)	*84*		*36 - 120*
Phenol-d5 (Surr)	*87*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*112*		*26 - 143*
p-Terphenyl-d14 (Surr)	*115*		*46 - 143*
2-Fluorobiphenyl (Surr)	*99*		*50 - 121*

Lab Sample ID: 480-229175-4 MS
Matrix: Solid
Analysis Batch: 745390

Client Sample ID: BH4 1-4'
Prep Type: Total/NA
Prep Batch: 745333

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	ND		1720	889		ug/Kg	☼	52	13 - 120		
2-Methylphenol	ND		1720	1480		ug/Kg	☼	86	48 - 120		
3-Methylphenol	ND		1720	1510	J	ug/Kg	☼	88	50 - 120		
4-Methylphenol	ND		1720	1510	J	ug/Kg	☼	88	50 - 120		
Acenaphthene	ND		1720	1540		ug/Kg	☼	90	60 - 120		
Acenaphthylene	ND		1720	1490		ug/Kg	☼	87	58 - 121		
Anthracene	ND		1720	1660		ug/Kg	☼	96	62 - 120		
Benzo[a]anthracene	150	J	1720	1680		ug/Kg	☼	89	65 - 120		
Benzo[a]pyrene	ND		1720	1720		ug/Kg	☼	100	64 - 120		
Benzo[b]fluoranthene	180	J	1720	1610		ug/Kg	☼	83	10 - 150		
Benzo[g,h,i]perylene	ND		1720	1850		ug/Kg	☼	108	45 - 145		
Benzo[k]fluoranthene	ND		1720	1750		ug/Kg	☼	102	23 - 150		
Chrysene	ND		1720	1610		ug/Kg	☼	93	64 - 120		
Dibenz(a,h)anthracene	ND		1720	1710		ug/Kg	☼	99	54 - 132		
Dibenzofuran	ND		1720	1580		ug/Kg	☼	92	62 - 120		
Fluoranthene	290	J	1720	1690		ug/Kg	☼	82	62 - 120		
Fluorene	ND		1720	1610		ug/Kg	☼	93	63 - 120		
Hexachlorobenzene	ND		1720	1660		ug/Kg	☼	96	60 - 120		
Indeno[1,2,3-cd]pyrene	ND		1720	1720		ug/Kg	☼	100	56 - 134		
Naphthalene	ND		1720	1430		ug/Kg	☼	83	46 - 120		
Pentachlorophenol	ND		3440	2630		ug/Kg	☼	77	10 - 136		
Phenanthrene	200	J	1720	1670		ug/Kg	☼	86	60 - 122		
Phenol	ND		1720	1460		ug/Kg	☼	85	50 - 120		
Pyrene	220	J	1720	1690		ug/Kg	☼	85	61 - 133		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*87*		*40 - 121*
2-Fluorophenol (Surr)	*83*		*36 - 120*
Phenol-d5 (Surr)	*88*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*102*		*26 - 143*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-229175-4 MS
Matrix: Solid
Analysis Batch: 745390

Client Sample ID: BH4 1-4'
Prep Type: Total/NA
Prep Batch: 745333

Surrogate	MS %Recovery	MS Qualifier	Limits
p-Terphenyl-d14 (Surr)	*96*		*46 - 143*
2-Fluorobiphenyl (Surr)	*93*		*50 - 121*

Lab Sample ID: 480-229175-4 MSD
Matrix: Solid
Analysis Batch: 745390

Client Sample ID: BH4 1-4'
Prep Type: Total/NA
Prep Batch: 745333

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		1720	827		ug/Kg	☼	48	13 - 120	7	50
2-Methylphenol	ND		1720	1450		ug/Kg	☼	84	48 - 120	2	27
3-Methylphenol	ND		1720	1550	J	ug/Kg	☼	90	50 - 120	3	24
4-Methylphenol	ND		1720	1550	J	ug/Kg	☼	90	50 - 120	3	24
Acenaphthene	ND		1720	1600		ug/Kg	☼	93	60 - 120	4	35
Acenaphthylene	ND		1720	1540		ug/Kg	☼	90	58 - 121	3	18
Anthracene	ND		1720	1630		ug/Kg	☼	95	62 - 120	1	15
Benzo[a]anthracene	150	J	1720	1660		ug/Kg	☼	88	65 - 120	2	15
Benzo[a]pyrene	ND		1720	1740		ug/Kg	☼	101	64 - 120	1	15
Benzo[b]fluoranthene	180	J	1720	1580		ug/Kg	☼	81	10 - 150	2	15
Benzo[g,h,i]perylene	ND		1720	1790		ug/Kg	☼	104	45 - 145	3	15
Benzo[k]fluoranthene	ND		1720	1730		ug/Kg	☼	101	23 - 150	1	22
Chrysene	ND		1720	1640		ug/Kg	☼	95	64 - 120	2	15
Dibenz(a,h)anthracene	ND		1720	1640		ug/Kg	☼	96	54 - 132	4	15
Dibenzofuran	ND		1720	1650		ug/Kg	☼	96	62 - 120	4	15
Fluoranthene	290	J	1720	1730		ug/Kg	☼	84	62 - 120	3	15
Fluorene	ND		1720	1670		ug/Kg	☼	97	63 - 120	4	15
Hexachlorobenzene	ND		1720	1640		ug/Kg	☼	96	60 - 120	1	15
Indeno[1,2,3-cd]pyrene	ND		1720	1690		ug/Kg	☼	98	56 - 134	2	15
Naphthalene	ND		1720	1460		ug/Kg	☼	85	46 - 120	2	29
Pentachlorophenol	ND		3440	2800		ug/Kg	☼	81	10 - 136	6	35
Phenanthrene	200	J	1720	1660		ug/Kg	☼	85	60 - 122	1	15
Phenol	ND		1720	1440		ug/Kg	☼	84	50 - 120	1	35
Pyrene	220	J	1720	1710		ug/Kg	☼	86	61 - 133	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	*90*		*40 - 121*
2-Fluorophenol (Surr)	*83*		*36 - 120*
Phenol-d5 (Surr)	*88*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*103*		*26 - 143*
p-Terphenyl-d14 (Surr)	*96*		*46 - 143*
2-Fluorobiphenyl (Surr)	*95*		*50 - 121*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-745202/1-A
Matrix: Solid
Analysis Batch: 745327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745202

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.62	0.21	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Arsenic	ND		2.1	0.91	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Beryllium	ND		0.21	0.041	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Cadmium	ND		0.21	0.073	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Chromium	ND		0.52	0.37	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Copper	ND		1.0	0.59	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Manganese	ND		1.0	0.29	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Nickel	ND		5.2	0.26	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Lead	ND		1.0	0.48	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Selenium	ND		4.1	0.83	mg/Kg		05/05/25 15:02	05/06/25 11:51	1
Zinc	ND		2.1	1.1	mg/Kg		05/05/25 15:02	05/06/25 11:51	1

Lab Sample ID: LCSSRM 480-745202/2-A
Matrix: Solid
Analysis Batch: 745327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745202

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	59.9	47.17		mg/Kg		78.7	72.8 - 110.7
Arsenic	181	126.5		mg/Kg		69.9	66.3 - 97.8
Beryllium	270	224.1		mg/Kg		83.0	73.0 - 104.4
Cadmium	221	165.0		mg/Kg		74.7	70.6 - 101.8
Chromium	149	120.5		mg/Kg		80.9	71.8 - 105.4
Copper	264	211.8		mg/Kg		80.2	73.5 - 104.2
Manganese	270	208.3		mg/Kg		77.1	73.0 - 107.8
Nickel	177	149.3		mg/Kg		84.3	71.8 - 103.4
Lead	106	87.47		mg/Kg		82.5	76.1 - 109.4
Selenium	139	103.7		mg/Kg		74.6	70.0 - 107.9
Zinc	398	311.9		mg/Kg		78.4	68.8 - 104.5

Lab Sample ID: 480-229175-5 MS
Matrix: Solid
Analysis Batch: 745327

Client Sample ID: BH5 1-4'
Prep Type: Total/NA
Prep Batch: 745202

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	ND	^5-	12.1	10.58	^5-	mg/Kg	☼	87	75 - 125
Arsenic	3.0		243	200.9		mg/Kg	☼	82	75 - 125
Beryllium	0.39		120	102.4		mg/Kg	☼	85	75 - 125
Cadmium	0.25		121	99.09		mg/Kg	☼	81	75 - 125
Chromium	10.1		121	110.3		mg/Kg	☼	83	75 - 125
Copper	13.2		121	114.9		mg/Kg	☼	84	75 - 125
Manganese	268		121	354.5	F1	mg/Kg	☼	71	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-229175-5 MS
Matrix: Solid
Analysis Batch: 745327

Client Sample ID: BH5 1-4'
Prep Type: Total/NA
Prep Batch: 745202

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	9.0		121	117.7		mg/Kg	☼	90	75 - 125
Lead	83.4		121	203.6		mg/Kg	☼	99	75 - 125
Selenium	ND		243	192.8		mg/Kg	☼	79	75 - 125
Zinc	112		121	195.5	F1	mg/Kg	☼	69	75 - 125

Lab Sample ID: 480-229175-5 MSD
Matrix: Solid
Analysis Batch: 745327

Client Sample ID: BH5 1-4'
Prep Type: Total/NA
Prep Batch: 745202

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND	^5-	11.7	10.28	^5-	mg/Kg	☼	88	75 - 125	3	20
Arsenic	3.0		235	195.1		mg/Kg	☼	82	75 - 125	3	20
Beryllium	0.39		116	100.3		mg/Kg	☼	86	75 - 125	2	20
Cadmium	0.25		117	96.41		mg/Kg	☼	82	75 - 125	3	20
Chromium	10.1		117	108.9		mg/Kg	☼	84	75 - 125	1	20
Copper	13.2		117	112.4		mg/Kg	☼	85	75 - 125	2	20
Manganese	268		117	349.5	F1	mg/Kg	☼	69	75 - 125	1	20
Nickel	9.0		117	112.5		mg/Kg	☼	88	75 - 125	5	20
Lead	83.4		117	209.1		mg/Kg	☼	107	75 - 125	3	20
Selenium	ND		235	187.0		mg/Kg	☼	80	75 - 125	3	20
Zinc	112		117	219.9		mg/Kg	☼	92	75 - 125	12	20

Lab Sample ID: MB 480-745251/1-A
Matrix: Water
Analysis Batch: 745353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745251

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.0060	0.0017	mg/L		05/06/25 08:13	05/06/25 13:10	1
Arsenic	ND		0.015	0.0056	mg/L		05/06/25 08:13	05/06/25 13:10	1
Barium	ND		0.0020	0.00070	mg/L		05/06/25 08:13	05/06/25 13:10	1
Beryllium	ND		0.0020	0.00030	mg/L		05/06/25 08:13	05/06/25 13:10	1
Cadmium	ND		0.0020	0.00050	mg/L		05/06/25 08:13	05/06/25 13:10	1
Chromium	ND		0.0040	0.0010	mg/L		05/06/25 08:13	05/06/25 13:10	1
Copper	ND		0.010	0.0016	mg/L		05/06/25 08:13	05/06/25 13:10	1
Manganese	ND		0.0030	0.00040	mg/L		05/06/25 08:13	05/06/25 13:10	1
Nickel	ND		0.010	0.0013	mg/L		05/06/25 08:13	05/06/25 13:10	1
Lead	ND		0.010	0.0030	mg/L		05/06/25 08:13	05/06/25 13:10	1
Selenium	ND		0.025	0.0087	mg/L		05/06/25 08:13	05/06/25 13:10	1
Zinc	ND		0.010	0.0015	mg/L		05/06/25 08:13	05/06/25 13:10	1

Lab Sample ID: LCS 480-745251/2-A
Matrix: Water
Analysis Batch: 745353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745251

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0500	0.0498	^5-	mg/L		100	80 - 120
Arsenic	1.00	0.953		mg/L		95	80 - 120
Barium	1.00	1.07		mg/L		107	80 - 120
Beryllium	0.496	0.516		mg/L		104	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-745251/2-A
Matrix: Water
Analysis Batch: 745353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745251

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.500	0.480		mg/L		96	80 - 120
Chromium	0.500	0.497		mg/L		99	80 - 120
Copper	0.500	0.490		mg/L		98	80 - 120
Manganese	0.500	0.493		mg/L		99	80 - 120
Nickel	0.500	0.471		mg/L		94	80 - 120
Lead	0.500	0.480		mg/L		96	80 - 120
Selenium	1.00	0.930		mg/L		93	80 - 120
Zinc	0.500	0.511		mg/L		102	80 - 120

Lab Sample ID: MB 480-745396/1-A
Matrix: Solid
Analysis Batch: 745551

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745396

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.53	0.15	mg/Kg		05/07/25 14:56	05/08/25 11:02	1

Lab Sample ID: LCSSRM 480-745396/2-A
Matrix: Solid
Analysis Batch: 745551

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745396

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Barium	211	214.6		mg/Kg		101.7	73.9 - 107.1

Lab Sample ID: 480-229175-2 MS
Matrix: Solid
Analysis Batch: 745551

Client Sample ID: BH2 1-4'
Prep Type: Total/NA
Prep Batch: 745396

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	129		238	337.5		mg/Kg	☼	88	75 - 125

Lab Sample ID: 480-229175-2 MSD
Matrix: Solid
Analysis Batch: 745551

Client Sample ID: BH2 1-4'
Prep Type: Total/NA
Prep Batch: 745396

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	129		240	337.0		mg/Kg	☼	87	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-745274/1-A
Matrix: Water
Analysis Batch: 745378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745274

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		05/06/25 08:03	05/06/25 15:22	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-745274/2-A
Matrix: Water
Analysis Batch: 745378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745274

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00669	0.00599		mg/L		90	80 - 120		

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-745180/1-A
Matrix: Solid
Analysis Batch: 745256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0045	mg/Kg		05/05/25 08:53	05/05/25 14:47	1

Lab Sample ID: LCSSRM 480-745180/2-A ^10
Matrix: Solid
Analysis Batch: 745256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745180

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			24.0	18.05		mg/Kg		75.2	55.8 - 109.6		

GC/MS VOA

Prep Batch: 745258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	5035A_L	
480-229175-2	BH2 1-4'	Total/NA	Solid	5035A_L	
480-229175-3	BH3 1-4'	Total/NA	Solid	5035A_L	
480-229175-4	BH4 1-4'	Total/NA	Solid	5035A_L	
480-229175-5	BH5 1-4'	Total/NA	Solid	5035A_L	
480-229175-6	BH6 1-4'	Total/NA	Solid	5035A_L	
480-229175-7	BH7 1-4'	Total/NA	Solid	5035A_L	
480-229175-8	BH9 1-4'	Total/NA	Solid	5035A_L	
480-229175-9	BH10 1-4'	Total/NA	Solid	5035A_L	
MB 480-745258/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-745258/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
480-229175-9 MS	BH10 1-4'	Total/NA	Solid	5035A_L	
480-229175-9 MSD	BH10 1-4'	Total/NA	Solid	5035A_L	

Analysis Batch: 745260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	8260C	745258
480-229175-2	BH2 1-4'	Total/NA	Solid	8260C	745258
480-229175-3	BH3 1-4'	Total/NA	Solid	8260C	745258
480-229175-4	BH4 1-4'	Total/NA	Solid	8260C	745258
480-229175-5	BH5 1-4'	Total/NA	Solid	8260C	745258
480-229175-6	BH6 1-4'	Total/NA	Solid	8260C	745258
480-229175-7	BH7 1-4'	Total/NA	Solid	8260C	745258
480-229175-8	BH9 1-4'	Total/NA	Solid	8260C	745258
480-229175-9	BH10 1-4'	Total/NA	Solid	8260C	745258
MB 480-745258/2-A	Method Blank	Total/NA	Solid	8260C	745258
LCS 480-745258/1-A	Lab Control Sample	Total/NA	Solid	8260C	745258
480-229175-9 MS	BH10 1-4'	Total/NA	Solid	8260C	745258
480-229175-9 MSD	BH10 1-4'	Total/NA	Solid	8260C	745258

Analysis Batch: 745403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-10	TW1	Total/NA	Water	8260C	
480-229175-11	TW2	Total/NA	Water	8260C	
MB 480-745403/8	Method Blank	Total/NA	Water	8260C	
LCS 480-745403/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 745229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-10	TW1	Total/NA	Water	3510C	
480-229175-11	TW2	Total/NA	Water	3510C	
MB 480-745229/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-745229/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 745292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-10	TW1	Total/NA	Water	8270D	745229
MB 480-745229/1-A	Method Blank	Total/NA	Water	8270D	745229
LCS 480-745229/2-A	Lab Control Sample	Total/NA	Water	8270D	745229

GC/MS Semi VOA

Prep Batch: 745333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	3550C	
480-229175-2	BH2 1-4'	Total/NA	Solid	3550C	
480-229175-3	BH3 1-4'	Total/NA	Solid	3550C	
480-229175-4	BH4 1-4'	Total/NA	Solid	3550C	
480-229175-5	BH5 1-4'	Total/NA	Solid	3550C	
480-229175-6	BH6 1-4'	Total/NA	Solid	3550C	
480-229175-7	BH7 1-4'	Total/NA	Solid	3550C	
480-229175-8	BH9 1-4'	Total/NA	Solid	3550C	
480-229175-9	BH10 1-4'	Total/NA	Solid	3550C	
MB 480-745333/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-745333/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-229175-4 MS	BH4 1-4'	Total/NA	Solid	3550C	
480-229175-4 MSD	BH4 1-4'	Total/NA	Solid	3550C	

Analysis Batch: 745390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	8270D	745333
480-229175-2	BH2 1-4'	Total/NA	Solid	8270D	745333
480-229175-3	BH3 1-4'	Total/NA	Solid	8270D	745333
480-229175-4	BH4 1-4'	Total/NA	Solid	8270D	745333
480-229175-5	BH5 1-4'	Total/NA	Solid	8270D	745333
480-229175-6	BH6 1-4'	Total/NA	Solid	8270D	745333
480-229175-7	BH7 1-4'	Total/NA	Solid	8270D	745333
480-229175-8	BH9 1-4'	Total/NA	Solid	8270D	745333
480-229175-9	BH10 1-4'	Total/NA	Solid	8270D	745333
MB 480-745333/1-A	Method Blank	Total/NA	Solid	8270D	745333
LCS 480-745333/2-A	Lab Control Sample	Total/NA	Solid	8270D	745333
480-229175-4 MS	BH4 1-4'	Total/NA	Solid	8270D	745333
480-229175-4 MSD	BH4 1-4'	Total/NA	Solid	8270D	745333

Analysis Batch: 745395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-11	TW2	Total/NA	Water	8270D	745229

Metals

Prep Batch: 745180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	7471B	
480-229175-2	BH2 1-4'	Total/NA	Solid	7471B	
480-229175-3	BH3 1-4'	Total/NA	Solid	7471B	
480-229175-4	BH4 1-4'	Total/NA	Solid	7471B	
480-229175-5	BH5 1-4'	Total/NA	Solid	7471B	
480-229175-6	BH6 1-4'	Total/NA	Solid	7471B	
480-229175-7	BH7 1-4'	Total/NA	Solid	7471B	
480-229175-8	BH9 1-4'	Total/NA	Solid	7471B	
480-229175-9	BH10 1-4'	Total/NA	Solid	7471B	
MB 480-745180/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-745180/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	

Metals

Prep Batch: 745202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	3050B	
480-229175-2	BH2 1-4'	Total/NA	Solid	3050B	
480-229175-3	BH3 1-4'	Total/NA	Solid	3050B	
480-229175-4	BH4 1-4'	Total/NA	Solid	3050B	
480-229175-5	BH5 1-4'	Total/NA	Solid	3050B	
480-229175-6	BH6 1-4'	Total/NA	Solid	3050B	
480-229175-7	BH7 1-4'	Total/NA	Solid	3050B	
480-229175-8	BH9 1-4'	Total/NA	Solid	3050B	
480-229175-9	BH10 1-4'	Total/NA	Solid	3050B	
MB 480-745202/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-745202/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-229175-5 MS	BH5 1-4'	Total/NA	Solid	3050B	
480-229175-5 MSD	BH5 1-4'	Total/NA	Solid	3050B	

Prep Batch: 745251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-10	TW1	Total/NA	Water	3005A	
480-229175-11	TW2	Total/NA	Water	3005A	
MB 480-745251/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-745251/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 745256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	7471B	745180
480-229175-2	BH2 1-4'	Total/NA	Solid	7471B	745180
480-229175-3	BH3 1-4'	Total/NA	Solid	7471B	745180
480-229175-4	BH4 1-4'	Total/NA	Solid	7471B	745180
480-229175-5	BH5 1-4'	Total/NA	Solid	7471B	745180
480-229175-6	BH6 1-4'	Total/NA	Solid	7471B	745180
480-229175-7	BH7 1-4'	Total/NA	Solid	7471B	745180
480-229175-8	BH9 1-4'	Total/NA	Solid	7471B	745180
480-229175-9	BH10 1-4'	Total/NA	Solid	7471B	745180
MB 480-745180/1-A	Method Blank	Total/NA	Solid	7471B	745180
LCSSRM 480-745180/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	745180

Prep Batch: 745274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-10	TW1	Total/NA	Water	7470A	
480-229175-11	TW2	Total/NA	Water	7470A	
MB 480-745274/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-745274/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 745327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	6010D	745202
480-229175-2	BH2 1-4'	Total/NA	Solid	6010D	745202
480-229175-3	BH3 1-4'	Total/NA	Solid	6010D	745202
480-229175-4	BH4 1-4'	Total/NA	Solid	6010D	745202
480-229175-5	BH5 1-4'	Total/NA	Solid	6010D	745202
480-229175-6	BH6 1-4'	Total/NA	Solid	6010D	745202
480-229175-7	BH7 1-4'	Total/NA	Solid	6010D	745202

Metals (Continued)

Analysis Batch: 745327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-8	BH9 1-4'	Total/NA	Solid	6010D	745202
480-229175-9	BH10 1-4'	Total/NA	Solid	6010D	745202
MB 480-745202/1-A	Method Blank	Total/NA	Solid	6010D	745202
LCSSRM 480-745202/2-A	Lab Control Sample	Total/NA	Solid	6010D	745202
480-229175-5 MS	BH5 1-4'	Total/NA	Solid	6010D	745202
480-229175-5 MSD	BH5 1-4'	Total/NA	Solid	6010D	745202

Analysis Batch: 745353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-10	TW1	Total/NA	Water	6010D	745251
480-229175-11	TW2	Total/NA	Water	6010D	745251
MB 480-745251/1-A	Method Blank	Total/NA	Water	6010D	745251
LCS 480-745251/2-A	Lab Control Sample	Total/NA	Water	6010D	745251

Analysis Batch: 745378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-10	TW1	Total/NA	Water	7470A	745274
480-229175-11	TW2	Total/NA	Water	7470A	745274
MB 480-745274/1-A	Method Blank	Total/NA	Water	7470A	745274
LCS 480-745274/2-A	Lab Control Sample	Total/NA	Water	7470A	745274

Prep Batch: 745396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	3050B	
480-229175-2	BH2 1-4'	Total/NA	Solid	3050B	
480-229175-3	BH3 1-4'	Total/NA	Solid	3050B	
480-229175-4	BH4 1-4'	Total/NA	Solid	3050B	
480-229175-5	BH5 1-4'	Total/NA	Solid	3050B	
480-229175-6	BH6 1-4'	Total/NA	Solid	3050B	
480-229175-7	BH7 1-4'	Total/NA	Solid	3050B	
480-229175-8	BH9 1-4'	Total/NA	Solid	3050B	
480-229175-9	BH10 1-4'	Total/NA	Solid	3050B	
MB 480-745396/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-745396/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-229175-2 MS	BH2 1-4'	Total/NA	Solid	3050B	
480-229175-2 MSD	BH2 1-4'	Total/NA	Solid	3050B	

Analysis Batch: 745551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	6010D	745396
480-229175-2	BH2 1-4'	Total/NA	Solid	6010D	745396
480-229175-3	BH3 1-4'	Total/NA	Solid	6010D	745396
480-229175-4	BH4 1-4'	Total/NA	Solid	6010D	745396
480-229175-5	BH5 1-4'	Total/NA	Solid	6010D	745396
480-229175-6	BH6 1-4'	Total/NA	Solid	6010D	745396
480-229175-7	BH7 1-4'	Total/NA	Solid	6010D	745396
480-229175-8	BH9 1-4'	Total/NA	Solid	6010D	745396
480-229175-9	BH10 1-4'	Total/NA	Solid	6010D	745396
MB 480-745396/1-A	Method Blank	Total/NA	Solid	6010D	745396
LCSSRM 480-745396/2-A	Lab Control Sample	Total/NA	Solid	6010D	745396
480-229175-2 MS	BH2 1-4'	Total/NA	Solid	6010D	745396

Metals (Continued)

Analysis Batch: 745551 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-2 MSD	BH2 1-4'	Total/NA	Solid	6010D	745396

General Chemistry

Analysis Batch: 745234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229175-1	BH1 1-4'	Total/NA	Solid	Moisture	
480-229175-2	BH2 1-4'	Total/NA	Solid	Moisture	
480-229175-3	BH3 1-4'	Total/NA	Solid	Moisture	
480-229175-4	BH4 1-4'	Total/NA	Solid	Moisture	
480-229175-5	BH5 1-4'	Total/NA	Solid	Moisture	
480-229175-6	BH6 1-4'	Total/NA	Solid	Moisture	
480-229175-7	BH7 1-4'	Total/NA	Solid	Moisture	
480-229175-8	BH9 1-4'	Total/NA	Solid	Moisture	
480-229175-9	BH10 1-4'	Total/NA	Solid	Moisture	

Client Sample ID: BH1 1-4'
Lab Sample ID: 480-229175-1

Date Collected: 05/02/25 09:30
Matrix: Solid
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745234	JLS	EET BUF	05/05/25 14:09

Client Sample ID: BH1 1-4'
Lab Sample ID: 480-229175-1

Date Collected: 05/02/25 09:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745258	CDC	EET BUF	05/05/25 17:51
Total/NA	Analysis	8260C		1	745260	CDC	EET BUF	05/05/25 22:09
Total/NA	Prep	3550C			745333	LSC	EET BUF	05/06/25 13:35
Total/NA	Analysis	8270D		1	745390	JMM	EET BUF	05/07/25 16:10
Total/NA	Prep	3050B			745202	EMO	EET BUF	05/05/25 15:02
Total/NA	Analysis	6010D		1	745327	BMB	EET BUF	05/06/25 11:56
Total/NA	Prep	3050B			745396	EMO	EET BUF	05/07/25 14:56
Total/NA	Analysis	6010D		1	745551	BMB	EET BUF	05/08/25 11:07
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 15:04

Client Sample ID: BH2 1-4'
Lab Sample ID: 480-229175-2

Date Collected: 05/02/25 10:00
Matrix: Solid
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745234	JLS	EET BUF	05/05/25 14:09

Client Sample ID: BH2 1-4'
Lab Sample ID: 480-229175-2

Date Collected: 05/02/25 10:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745258	CDC	EET BUF	05/05/25 17:51
Total/NA	Analysis	8260C		1	745260	CDC	EET BUF	05/05/25 22:32
Total/NA	Prep	3550C			745333	LSC	EET BUF	05/06/25 13:35
Total/NA	Analysis	8270D		1	745390	JMM	EET BUF	05/07/25 16:37
Total/NA	Prep	3050B			745202	EMO	EET BUF	05/05/25 15:02
Total/NA	Analysis	6010D		1	745327	BMB	EET BUF	05/06/25 11:58
Total/NA	Prep	3050B			745396	EMO	EET BUF	05/07/25 14:56
Total/NA	Analysis	6010D		1	745551	BMB	EET BUF	05/08/25 11:09
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		10	745256	ESB	EET BUF	05/05/25 15:24

Client Sample ID: BH3 1-4'
Lab Sample ID: 480-229175-3
Date Collected: 05/02/25 12:00
Matrix: Solid
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745234	JLS	EET BUF	05/05/25 14:09

Client Sample ID: BH3 1-4'
Lab Sample ID: 480-229175-3
Date Collected: 05/02/25 12:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 73.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745258	CDC	EET BUF	05/05/25 17:51
Total/NA	Analysis	8260C		1	745260	CDC	EET BUF	05/05/25 22:56
Total/NA	Prep	3550C			745333	LSC	EET BUF	05/06/25 13:35
Total/NA	Analysis	8270D		1	745390	JMM	EET BUF	05/07/25 17:03
Total/NA	Prep	3050B			745202	EMO	EET BUF	05/05/25 15:02
Total/NA	Analysis	6010D		1	745327	BMB	EET BUF	05/06/25 12:00
Total/NA	Prep	3050B			745396	EMO	EET BUF	05/07/25 14:56
Total/NA	Analysis	6010D		1	745551	BMB	EET BUF	05/08/25 11:31
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 15:07

Client Sample ID: BH4 1-4'
Lab Sample ID: 480-229175-4
Date Collected: 05/02/25 10:30
Matrix: Solid
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745234	JLS	EET BUF	05/05/25 14:09

Client Sample ID: BH4 1-4'
Lab Sample ID: 480-229175-4
Date Collected: 05/02/25 10:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745258	CDC	EET BUF	05/05/25 17:51
Total/NA	Analysis	8260C		1	745260	CDC	EET BUF	05/05/25 23:19
Total/NA	Prep	3550C			745333	LSC	EET BUF	05/06/25 13:35
Total/NA	Analysis	8270D		5	745390	JMM	EET BUF	05/07/25 13:03
Total/NA	Prep	3050B			745202	EMO	EET BUF	05/05/25 15:02
Total/NA	Analysis	6010D		1	745327	BMB	EET BUF	05/06/25 12:02
Total/NA	Prep	3050B			745396	EMO	EET BUF	05/07/25 14:56
Total/NA	Analysis	6010D		1	745551	BMB	EET BUF	05/08/25 11:33
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 15:08

Client Sample ID: BH5 1-4'
Lab Sample ID: 480-229175-5
Date Collected: 05/02/25 13:30
Matrix: Solid
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745234	JLS	EET BUF	05/05/25 14:09

Client Sample ID: BH5 1-4'
Lab Sample ID: 480-229175-5
Date Collected: 05/02/25 13:30
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745258	CDC	EET BUF	05/05/25 17:51
Total/NA	Analysis	8260C		1	745260	CDC	EET BUF	05/05/25 23:43
Total/NA	Prep	3550C			745333	LSC	EET BUF	05/06/25 13:35
Total/NA	Analysis	8270D		1	745390	JMM	EET BUF	05/07/25 17:30
Total/NA	Prep	3050B			745202	EMO	EET BUF	05/05/25 15:02
Total/NA	Analysis	6010D		1	745327	BMB	EET BUF	05/06/25 12:04
Total/NA	Prep	3050B			745396	EMO	EET BUF	05/07/25 14:56
Total/NA	Analysis	6010D		1	745551	BMB	EET BUF	05/08/25 11:34
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 15:09

Client Sample ID: BH6 1-4'
Lab Sample ID: 480-229175-6
Date Collected: 05/02/25 13:00
Matrix: Solid
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745234	JLS	EET BUF	05/05/25 14:09

Client Sample ID: BH6 1-4'
Lab Sample ID: 480-229175-6
Date Collected: 05/02/25 13:00
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745258	CDC	EET BUF	05/05/25 17:51
Total/NA	Analysis	8260C		1	745260	CDC	EET BUF	05/06/25 00:06
Total/NA	Prep	3550C			745333	LSC	EET BUF	05/06/25 13:35
Total/NA	Analysis	8270D		1	745390	JMM	EET BUF	05/07/25 17:56
Total/NA	Prep	3050B			745202	EMO	EET BUF	05/05/25 15:02
Total/NA	Analysis	6010D		1	745327	BMB	EET BUF	05/06/25 12:23
Total/NA	Prep	3050B			745396	EMO	EET BUF	05/07/25 14:56
Total/NA	Analysis	6010D		1	745551	BMB	EET BUF	05/08/25 11:36
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 15:10

Client Sample ID: BH7 1-4'
Lab Sample ID: 480-229175-7
Date Collected: 05/02/25 12:15
Matrix: Solid
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745234	JLS	EET BUF	05/05/25 14:09

Client Sample ID: BH7 1-4'
Lab Sample ID: 480-229175-7
Date Collected: 05/02/25 12:15
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745258	CDC	EET BUF	05/05/25 17:51
Total/NA	Analysis	8260C		1	745260	CDC	EET BUF	05/06/25 00:30
Total/NA	Prep	3550C			745333	LSC	EET BUF	05/06/25 13:35
Total/NA	Analysis	8270D		10	745390	JMM	EET BUF	05/07/25 18:23
Total/NA	Prep	3050B			745202	EMO	EET BUF	05/05/25 15:02
Total/NA	Analysis	6010D		1	745327	BMB	EET BUF	05/06/25 12:25
Total/NA	Prep	3050B			745396	EMO	EET BUF	05/07/25 14:56
Total/NA	Analysis	6010D		1	745551	BMB	EET BUF	05/08/25 11:38
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 15:12

Client Sample ID: BH9 1-4'
Lab Sample ID: 480-229175-8
Date Collected: 05/02/25 11:15
Matrix: Solid
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745234	JLS	EET BUF	05/05/25 14:09

Client Sample ID: BH9 1-4'
Lab Sample ID: 480-229175-8
Date Collected: 05/02/25 11:15
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745258	CDC	EET BUF	05/05/25 17:51
Total/NA	Analysis	8260C		1	745260	CDC	EET BUF	05/06/25 00:53
Total/NA	Prep	3550C			745333	LSC	EET BUF	05/06/25 13:35
Total/NA	Analysis	8270D		1	745390	JMM	EET BUF	05/07/25 18:49
Total/NA	Prep	3050B			745202	EMO	EET BUF	05/05/25 15:02
Total/NA	Analysis	6010D		1	745327	BMB	EET BUF	05/06/25 12:27
Total/NA	Prep	3050B			745396	EMO	EET BUF	05/07/25 14:56
Total/NA	Analysis	6010D		1	745551	BMB	EET BUF	05/08/25 11:40
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 15:13

Client Sample ID: BH10 1-4'
Lab Sample ID: 480-229175-9

Date Collected: 05/02/25 10:45
Matrix: Solid
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	745234	JLS	EET BUF	05/05/25 14:09

Client Sample ID: BH10 1-4'
Lab Sample ID: 480-229175-9

Date Collected: 05/02/25 10:45
Matrix: Solid
Date Received: 05/02/25 17:37
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			745258	CDC	EET BUF	05/05/25 17:51
Total/NA	Analysis	8260C		1	745260	CDC	EET BUF	05/06/25 01:17
Total/NA	Prep	3550C			745333	LSC	EET BUF	05/06/25 13:35
Total/NA	Analysis	8270D		1	745390	JMM	EET BUF	05/07/25 19:15
Total/NA	Prep	3050B			745202	EMO	EET BUF	05/05/25 15:02
Total/NA	Analysis	6010D		1	745327	BMB	EET BUF	05/06/25 12:29
Total/NA	Prep	3050B			745396	EMO	EET BUF	05/07/25 14:56
Total/NA	Analysis	6010D		1	745551	BMB	EET BUF	05/08/25 11:42
Total/NA	Prep	7471B			745180	ESB	EET BUF	05/05/25 08:53
Total/NA	Analysis	7471B		1	745256	ESB	EET BUF	05/05/25 15:14

Client Sample ID: TW1
Lab Sample ID: 480-229175-10

Date Collected: 05/02/25 09:30
Matrix: Water
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	745403	AXK	EET BUF	05/07/25 20:50
Total/NA	Prep	3510C			745229	LSC	EET BUF	05/05/25 13:35
Total/NA	Analysis	8270D		1	745292	JMM	EET BUF	05/06/25 23:51
Total/NA	Prep	3005A			745251	EMO	EET BUF	05/06/25 08:13
Total/NA	Analysis	6010D		1	745353	BMB	EET BUF	05/06/25 13:41
Total/NA	Prep	7470A			745274	ESB	EET BUF	05/06/25 08:03
Total/NA	Analysis	7470A		1	745378	ESB	EET BUF	05/06/25 15:55

Client Sample ID: TW2
Lab Sample ID: 480-229175-11

Date Collected: 05/02/25 13:45
Matrix: Water
Date Received: 05/02/25 17:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	745403	AXK	EET BUF	05/07/25 21:12
Total/NA	Prep	3510C			745229	LSC	EET BUF	05/05/25 13:35
Total/NA	Analysis	8270D		1	745395	JMM	EET BUF	05/07/25 13:18
Total/NA	Prep	3005A			745251	EMO	EET BUF	05/06/25 08:13
Total/NA	Analysis	6010D		1	745353	BMB	EET BUF	05/06/25 13:43
Total/NA	Prep	7470A			745274	ESB	EET BUF	05/06/25 08:03
Total/NA	Analysis	7470A		1	745378	ESB	EET BUF	05/06/25 15:56

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010D	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-229175-1
Project/Site: Pilgrim Village Sublot 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-229175-1	BH1 1-4'	Solid	05/02/25 09:30	05/02/25 17:37
480-229175-2	BH2 1-4'	Solid	05/02/25 10:00	05/02/25 17:37
480-229175-3	BH3 1-4'	Solid	05/02/25 12:00	05/02/25 17:37
480-229175-4	BH4 1-4'	Solid	05/02/25 10:30	05/02/25 17:37
480-229175-5	BH5 1-4'	Solid	05/02/25 13:30	05/02/25 17:37
480-229175-6	BH6 1-4'	Solid	05/02/25 13:00	05/02/25 17:37
480-229175-7	BH7 1-4'	Solid	05/02/25 12:15	05/02/25 17:37
480-229175-8	BH9 1-4'	Solid	05/02/25 11:15	05/02/25 17:37
480-229175-9	BH10 1-4'	Solid	05/02/25 10:45	05/02/25 17:37
480-229175-10	TW1	Water	05/02/25 09:30	05/02/25 17:37
480-229175-11	TW2	Water	05/02/25 13:45	05/02/25 17:37

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Hull	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-204245-41670.1
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 10 DAY			
State, Zip: NY, 14213	Compliance Project: Δ Yes Δ No			
Phone: 585-944-6793(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: Pilgrim Village Sublot 3	Project #: 48028660			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D, 7471B, 8270D	8260C - Part 375 VOCs (LL)	8270D - Part 375 SVOCs	6010D, 7470A	8260C - Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	D	A		
BH 1 · 1-4'	5.2.25	9:30	G	Solid			✓	✓					
BH 2 · 1-4'	"	1000	G	Solid			✓	✓					
BH 3 · 1-4'	"	1206	G	Solid			✓	✓					
BH 4 · 1-4'	"	1030	G	Solid			✓	✓					
BH 5 · 1-4'	"	1330	G	Solid			✓	✓					
BH 6 · 1-4'	"	1300	G	Solid			✓	✓					
BH 7 · 1-4'	"	1215	G	Solid			✓	✓					
[redacted]	—	—	G	Solid									
BH 9 · 1-4'	"	1115	G	Solid			✓	✓					
BH 10 · 1-4'	"	1045	G	Solid			✓	✓					
TW 1	"	930	G	Water					✓	✓	✓		

480-229175 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jim Hull	5.2.25 1737	BE3	KS	5-2-25 1737	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.7 #12 #SC

Ver: 10/10/2024

5/9/2025

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Hull	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-204245-41670.2
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 10 DAY			
State, Zip: NY, 14213	Compliance Project: Δ Yes Δ No			
Phone: 585-944-6793(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: Pilgrim Village Sublot 3	Project #: 48028660			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D, 7471B, 8270D	8260C - Part 375 VOCs (LL)	8270D - Part 375 SVOCs	6010D, 7470A	8260C - Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	D	A		
TW3	5.2.25	1345	G	Water					✓	✓	✓		
				Water									

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Jim Hull	Date/Time: 5.2.25 1737	Company: BE3	Received by:	Date/Time: 5-2-25 1737	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-229175-1

Login Number: 229175

List Source: Eurofins Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	be3
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	