

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-172312-1

Client Project/Site: South Main Street Property - 193706313

For:

Stantec Consulting Corp.
12075 Corporate Pkwy, Suite 200
Mequon, Wisconsin 53092

Attn: Stu Gross



Authorized for release by:
11/8/2019 3:50:41 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Job ID: 500-172312-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-172312-1

Comments

No additional comments.

Receipt

The samples were received on 10/24/2019 9:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.1° C and 1.8° C.

GC/MS VOA

Method 8260B: The following samples were diluted due to the abundance of non-target analytes: TW3 0-1 (500-172312-5) and DUP1 (500-172312-7). Elevated reporting limits (RLs) are provided.

Method 8260B: Methylene chloride was detected in the following samples: TW3 0-1 (500-172312-5) and DUP1 (500-172312-7). The method blank associated with these samples was non-detect for Methylene chloride. Methylene chloride is known lab contaminant; therefore all low level detects for this compound should be suspected as lab contamination.

Method 8260B: The method blank for 513383 contained Styrene, n-Butylbenzene, Naphthalene, 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene above the method detection limit (MDL) and below the reporting limit(RL). These target analytes concentrations were below the reporting limit(RL) in the samples; therefore; re-analysis of samples was not performed. Styrene, n-Butylbenzene, Naphthalene, 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene results have been flagged in the associated samples with a "B" flag denote the presence in the blank and possible lab contamination.

Method 8260B: The laboratory control sample (LCS) for 513383 recovered outside control limits for the following analyte: Methyl tert-butyl ether. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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 following samples were diluted due to the nature of the sample matrix: TW3 3-5 (500-172312-6), SB3 0-1 (500-172312-12), SB4 0-2.5 (500-172312-14), SB5 0-2.5 (500-172312-15), SB6 0-2.5 (500-172312-16) and TW1 (500-172312-17). Elevated reporting limits (RLs) are provided.

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

Metals

Method 6010C: The low-level ICV and CCV in 6010C batch 500-513330 was above the method acceptance limits of 70-130% recovery for Silver. The sample TW3 3-5 (500-172312-6) was bracketed. The mid-range bracketing the data were all within the 90-110% recovery limits. The sample is a non-detect, therefore the data has been reported.

Method 6010C: The low-level ICV and CCV in 6010C batch 500-513330 was above the method acceptance limits of 70-130% recovery for Lead. The sample SB6 0-2.5 (500-172312-16) was bracketed. The low-level standard concentration was insignificant compared with the reported sample results and the sample results were unaffected by the bias at that level. The mid-range bracketing the data were all within the 90-110% recovery limits.

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

Field Service / Mobile Lab

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

Organic Prep

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

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW1 5-7.5

Lab Sample ID: 500-172312-1

No Detections.

Client Sample ID: TW1 2.5-5

Lab Sample ID: 500-172312-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	28	J	72	8.7	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	20	J	72	6.5	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	29	J	35	4.7	ug/Kg	1	☼	8270D	Total/NA
Anthracene	260		35	5.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	590		35	4.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	590		35	6.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	680		35	7.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	350		35	11	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	240		35	10	ug/Kg	1	☼	8270D	Total/NA
Chrysene	630		35	9.7	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	68		35	6.9	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1400		35	6.6	ug/Kg	1	☼	8270D	Total/NA
Fluorene	67		35	5.0	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	320		35	9.2	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	55		35	5.5	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	1000		35	5.0	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1100		35	7.1	ug/Kg	1	☼	8270D	Total/NA
Arsenic	1.7		0.91	0.31	mg/Kg	1	☼	6010C	Total/NA
Barium	15	B	0.91	0.10	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.12	J B	0.18	0.033	mg/Kg	1	☼	6010C	Total/NA
Chromium	5.5	B	0.91	0.45	mg/Kg	1	☼	6010C	Total/NA
Lead	13		0.46	0.21	mg/Kg	1	☼	6010C	Total/NA
Silver	1.0		0.46	0.12	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.010	J	0.016	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TW2 5-7.5

Lab Sample ID: 500-172312-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	31	J	55	20	ug/Kg	50	☼	8260B	Total/NA
Toluene	9.2	J	14	8.0	ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: TW2 0-2.5

Lab Sample ID: 500-172312-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	14	J	38	7.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	13	J	38	8.2	ug/Kg	1	☼	8270D	Total/NA
Chrysene	12	J	38	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	16	J	38	7.1	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	11	J	38	9.9	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	9.9	J	38	5.3	ug/Kg	1	☼	8270D	Total/NA
Pyrene	19	J	38	7.6	ug/Kg	1	☼	8270D	Total/NA
Arsenic	3.0		1.1	0.39	mg/Kg	1	☼	6010C	Total/NA
Barium	37	B	1.1	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.18	J B	0.23	0.041	mg/Kg	1	☼	6010C	Total/NA
Chromium	9.5	B	1.1	0.56	mg/Kg	1	☼	6010C	Total/NA
Lead	28	F1	0.57	0.26	mg/Kg	1	☼	6010C	Total/NA
Silver	1.6		0.57	0.15	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.071		0.017	0.0058	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW3 0-1

Lab Sample ID: 500-172312-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2100		210	76	ug/Kg	200	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	1200		210	81	ug/Kg	200	☼	8260B	Total/NA
Methylene Chloride	530	J	1100	350	ug/Kg	200	☼	8260B	Total/NA
n-Butylbenzene	1300		210	83	ug/Kg	200	☼	8260B	Total/NA
N-Propylbenzene	120	J	210	88	ug/Kg	200	☼	8260B	Total/NA
p-Isopropyltoluene	660		210	77	ug/Kg	200	☼	8260B	Total/NA
sec-Butylbenzene	290		210	85	ug/Kg	200	☼	8260B	Total/NA
Toluene	33	J	53	31	ug/Kg	200	☼	8260B	Total/NA
Xylenes, Total	320		110	47	ug/Kg	200	☼	8260B	Total/NA

Client Sample ID: TW3 3-5

Lab Sample ID: 500-172312-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	89	J	170	29	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	240		170	24	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	380		170	34	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	680		170	38	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	200		170	57	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	680		170	52	ug/Kg	5	☼	8270D	Total/NA
Chrysene	380		170	48	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	490		170	33	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	170		170	46	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	270		170	25	ug/Kg	5	☼	8270D	Total/NA
Pyrene	490		170	35	ug/Kg	5	☼	8270D	Total/NA
Barium	8.4	B	1.0	0.12	mg/Kg	1	☼	6010C	Total/NA
Chromium	3.8	B	1.0	0.51	mg/Kg	1	☼	6010C	Total/NA
Lead	5.2		0.51	0.24	mg/Kg	1	☼	6010C	Total/NA
Silver	0.50	J ^ B	0.51	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.0074	J	0.016	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: DUP1

Lab Sample ID: 500-172312-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2300		200	73	ug/Kg	200	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	1400		200	78	ug/Kg	200	☼	8260B	Total/NA
Methylene Chloride	470	J	1000	330	ug/Kg	200	☼	8260B	Total/NA
n-Butylbenzene	1300		200	79	ug/Kg	200	☼	8260B	Total/NA
N-Propylbenzene	140	J	200	85	ug/Kg	200	☼	8260B	Total/NA
p-Isopropyltoluene	760		200	74	ug/Kg	200	☼	8260B	Total/NA
sec-Butylbenzene	310		200	81	ug/Kg	200	☼	8260B	Total/NA
Toluene	40	J	51	30	ug/Kg	200	☼	8260B	Total/NA
Xylenes, Total	470		100	45	ug/Kg	200	☼	8260B	Total/NA

Client Sample ID: DUP2

Lab Sample ID: 500-172312-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	5.0	J	35	4.7	ug/Kg	1	☼	8270D	Total/NA
Anthracene	10	J	35	5.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	58		35	4.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	60		35	6.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	63		35	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	37		35	11	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: DUP2 (Continued)

Lab Sample ID: 500-172312-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	29	J	35	10	ug/Kg	1	☼	8270D	Total/NA
Chrysene	63		35	9.6	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	10	J	35	6.8	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	110		35	6.6	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	40		35	9.2	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	76		35	4.9	ug/Kg	1	☼	8270D	Total/NA
Pyrene	96		35	7.0	ug/Kg	1	☼	8270D	Total/NA
Arsenic	1.8		0.97	0.33	mg/Kg	1	☼	6010C	Total/NA
Barium	12	B	0.97	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.099	J B	0.19	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	9.8	B	0.97	0.48	mg/Kg	1	☼	6010C	Total/NA
Lead	5.4		0.48	0.22	mg/Kg	1	☼	6010C	Total/NA
Silver	0.84		0.48	0.12	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB1 0-2.5

Lab Sample ID: 500-172312-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	21	J	35	4.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	31	J	35	6.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	25	J	35	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	19	J	35	11	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	27	J	35	10	ug/Kg	1	☼	8270D	Total/NA
Chrysene	31	J	35	9.5	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	38		35	6.5	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	23	J	35	9.0	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	14	J	35	4.9	ug/Kg	1	☼	8270D	Total/NA
Pyrene	33	J	35	6.9	ug/Kg	1	☼	8270D	Total/NA
Arsenic	2.2		0.99	0.34	mg/Kg	1	☼	6010C	Total/NA
Barium	26	B	0.99	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.18	J B	0.20	0.036	mg/Kg	1	☼	6010C	Total/NA
Chromium	9.7	B	0.99	0.49	mg/Kg	1	☼	6010C	Total/NA
Lead	3.9		0.49	0.23	mg/Kg	1	☼	6010C	Total/NA
Silver	1.5		0.49	0.13	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB2 0-2.5

Lab Sample ID: 500-172312-10

No Detections.

Client Sample ID: SB2 2.5-5

Lab Sample ID: 500-172312-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	11	J	37	7.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	13	J	37	8.0	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	15	J	37	6.9	ug/Kg	1	☼	8270D	Total/NA
Pyrene	14	J	37	7.4	ug/Kg	1	☼	8270D	Total/NA
Arsenic	6.5		1.0	0.36	mg/Kg	1	☼	6010C	Total/NA
Barium	47	B	1.0	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.25	B	0.21	0.038	mg/Kg	1	☼	6010C	Total/NA
Chromium	11	B	1.0	0.52	mg/Kg	1	☼	6010C	Total/NA
Lead	8.4		0.52	0.24	mg/Kg	1	☼	6010C	Total/NA
Silver	4.6		0.52	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.017	J	0.018	0.0060	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB3 0-1

Lab Sample ID: 500-172312-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	2000		350	47	ug/Kg	10	☼	8270D	Total/NA
Anthracene	1200		350	59	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	3800		350	48	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	4700		350	69	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	6300		350	77	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1800		350	110	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	2700		350	100	ug/Kg	10	☼	8270D	Total/NA
Chrysene	4300		350	97	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	450		350	69	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	5400		350	66	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1600		350	92	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	1800		350	49	ug/Kg	10	☼	8270D	Total/NA
Pyrene	5500		350	70	ug/Kg	10	☼	8270D	Total/NA
Arsenic	1.8		0.93	0.32	mg/Kg	1	☼	6010C	Total/NA
Barium	9.9	B	0.93	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.078	J B	0.19	0.033	mg/Kg	1	☼	6010C	Total/NA
Chromium	5.8	B	0.93	0.46	mg/Kg	1	☼	6010C	Total/NA
Lead	9.0		0.47	0.21	mg/Kg	1	☼	6010C	Total/NA
Silver	0.93		0.47	0.12	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB3 5-7.5

Lab Sample ID: 500-172312-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	29		15	9.0	ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: SB4 0-2.5

Lab Sample ID: 500-172312-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	61		50	17	ug/Kg	50	☼	8260B	Total/NA
Toluene	42		13	7.4	ug/Kg	50	☼	8260B	Total/NA
Acenaphthylene	250	J	340	45	ug/Kg	10	☼	8270D	Total/NA
Anthracene	250	J	340	57	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	1500		340	66	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	1500		340	74	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	690		340	110	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	1300		340	100	ug/Kg	10	☼	8270D	Total/NA
Chrysene	1500		340	93	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	1900		340	63	ug/Kg	10	☼	8270D	Total/NA
Fluorene	110	J	340	48	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	430		340	89	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	890		340	48	ug/Kg	10	☼	8270D	Total/NA
Pyrene	5600		340	68	ug/Kg	10	☼	8270D	Total/NA
Arsenic	1.1		0.90	0.31	mg/Kg	1	☼	6010C	Total/NA
Barium	8.8	B	0.90	0.10	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.060	J B	0.18	0.033	mg/Kg	1	☼	6010C	Total/NA
Chromium	4.3	B	0.90	0.45	mg/Kg	1	☼	6010C	Total/NA
Lead	8.9		0.45	0.21	mg/Kg	1	☼	6010C	Total/NA
Silver	0.74		0.45	0.12	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB5 0-2.5

Lab Sample ID: 500-172312-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	54	J	57	19	ug/Kg	50	☼	8260B	Total/NA
Toluene	86		14	8.3	ug/Kg	50	☼	8260B	Total/NA
Acenaphthylene	200		170	23	ug/Kg	5	☼	8270D	Total/NA
Anthracene	130	J	170	29	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	530		170	34	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	620		170	38	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	290		170	52	ug/Kg	5	☼	8270D	Total/NA
Chrysene	560		170	48	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	570		170	33	ug/Kg	5	☼	8270D	Total/NA
Fluorene	66	J	170	25	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	200		170	46	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	200		170	25	ug/Kg	5	☼	8270D	Total/NA
Pyrene	680		170	35	ug/Kg	5	☼	8270D	Total/NA
Arsenic	1.5		0.94	0.32	mg/Kg	1	☼	6010C	Total/NA
Barium	15	B	0.94	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.088	J B	0.19	0.034	mg/Kg	1	☼	6010C	Total/NA
Chromium	6.7	B	0.94	0.46	mg/Kg	1	☼	6010C	Total/NA
Lead	5.6		0.47	0.22	mg/Kg	1	☼	6010C	Total/NA
Silver	1.3		0.47	0.12	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB6 0-2.5

Lab Sample ID: 500-172312-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	380		67	25	ug/Kg	50	☼	8260B	Total/NA
Toluene	43		17	9.8	ug/Kg	50	☼	8260B	Total/NA
Trichloroethene	17	J	33	11	ug/Kg	50	☼	8260B	Total/NA
Benzo[a]anthracene	54	J	190	26	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	110	J	190	37	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	120	J	190	41	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	150	J	190	61	ug/Kg	5	☼	8270D	Total/NA
Chrysene	150	J	190	52	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	140	J	190	35	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	79	J	190	27	ug/Kg	5	☼	8270D	Total/NA
Pyrene	150	J	190	38	ug/Kg	5	☼	8270D	Total/NA
Arsenic	7.5		1.0	0.34	mg/Kg	1	☼	6010C	Total/NA
Barium	78	B	1.0	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.30	B	0.20	0.036	mg/Kg	1	☼	6010C	Total/NA
Chromium	16	B	1.0	0.49	mg/Kg	1	☼	6010C	Total/NA
Lead	26	^	0.50	0.23	mg/Kg	1	☼	6010C	Total/NA
Silver	4.6		0.50	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.016	J	0.018	0.0059	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TW1

Lab Sample ID: 500-172312-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.63	J B	1.0	0.36	ug/L	1		8260B	Total/NA
Toluene	0.79		0.50	0.15	ug/L	1		8260B	Total/NA
Benzo[a]anthracene	3.2		0.83	0.24	ug/L	5		8270D	Total/NA
Benzo[a]pyrene	3.4		0.83	0.41	ug/L	5		8270D	Total/NA
Benzo[b]fluoranthene	3.8		0.83	0.34	ug/L	5		8270D	Total/NA
Benzo[g,h,i]perylene	2.6	J	4.2	1.6	ug/L	5		8270D	Total/NA
Benzo[k]fluoranthene	2.2		0.83	0.27	ug/L	5		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW1 (Continued)

Lab Sample ID: 500-172312-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	3.1		0.83	0.28	ug/L	5		8270D	Total/NA
Fluoranthene	5.0		4.2	1.9	ug/L	5		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2.6		0.83	0.31	ug/L	5		8270D	Total/NA
Phenanthrene	2.6	J	4.2	1.3	ug/L	5		8270D	Total/NA
Pyrene	4.5		4.2	1.8	ug/L	5		8270D	Total/NA
Arsenic	0.0019		0.0010	0.00023	mg/L	1		6020A	Dissolved
Barium	0.051		0.0025	0.00073	mg/L	1		6020A	Dissolved
Chromium	0.012		0.0050	0.0011	mg/L	1		6020A	Dissolved
Lead	0.0023		0.00050	0.00019	mg/L	1		6020A	Dissolved
Selenium	0.0013	J	0.0025	0.00098	mg/L	1		6020A	Dissolved

Client Sample ID: TW2

Lab Sample ID: 500-172312-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.63	J B	1.0	0.36	ug/L	1		8260B	Total/NA
Chloroform	0.41	J	2.0	0.37	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.74	J	1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.2		1.0	0.37	ug/L	1		8260B	Total/NA
Toluene	0.26	J	0.50	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	0.41	J	0.50	0.16	ug/L	1		8260B	Total/NA
Arsenic	0.0039		0.0010	0.00023	mg/L	1		6020A	Dissolved
Barium	0.096		0.0025	0.00073	mg/L	1		6020A	Dissolved
Chromium	0.0080		0.0050	0.0011	mg/L	1		6020A	Dissolved
Lead	0.0030		0.00050	0.00019	mg/L	1		6020A	Dissolved
Selenium	0.0017	J	0.0025	0.00098	mg/L	1		6020A	Dissolved

Client Sample ID: TW3

Lab Sample ID: 500-172312-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.68	J B	1.0	0.36	ug/L	1		8260B	Total/NA
Naphthalene	0.63	J B	1.0	0.34	ug/L	1		8260B	Total/NA
n-Butylbenzene	0.50	J B	1.0	0.39	ug/L	1		8260B	Total/NA
Styrene	0.46	J B	1.0	0.39	ug/L	1		8260B	Total/NA
Arsenic	0.0013		0.0010	0.00023	mg/L	1		6020A	Dissolved
Barium	0.17		0.0025	0.00073	mg/L	1		6020A	Dissolved
Lead	0.0013		0.00050	0.00019	mg/L	1		6020A	Dissolved
Selenium	0.0018	J	0.0025	0.00098	mg/L	1		6020A	Dissolved

Client Sample ID: DUP3

Lab Sample ID: 500-172312-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.68	J B	1.0	0.36	ug/L	1		8260B	Total/NA
Naphthalene	0.75	J B	1.0	0.34	ug/L	1		8260B	Total/NA
n-Butylbenzene	0.59	J B	1.0	0.39	ug/L	1		8260B	Total/NA
Arsenic	0.0013		0.0010	0.00023	mg/L	1		6020A	Dissolved
Barium	0.16		0.0025	0.00073	mg/L	1		6020A	Dissolved
Lead	0.0010		0.00050	0.00019	mg/L	1		6020A	Dissolved
Selenium	0.0020	J	0.0025	0.00098	mg/L	1		6020A	Dissolved

Client Sample ID: Trip Blank (HCI)

Lab Sample ID: 500-172312-21

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: Trip Blank (MeOH)

Lab Sample ID: 500-172312-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3-Trichloropropane	410		100	21	ug/Kg	50	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

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Method Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
6010C	Metals (ICP)	SW846	TAL CHI
6020A	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI
7471B	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CHI
3541	Automated Soxhlet Extraction	SW846	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI
7470A	Preparation, Mercury	SW846	TAL CHI
7471B	Preparation, Mercury	SW846	TAL CHI

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:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-172312-1	TW1 5-7.5	Solid	10/23/19 10:15	10/24/19 09:05	
500-172312-2	TW1 2.5-5	Solid	10/23/19 10:17	10/24/19 09:05	
500-172312-3	TW2 5-7.5	Solid	10/23/19 10:45	10/24/19 09:05	
500-172312-4	TW2 0-2.5	Solid	10/23/19 10:47	10/24/19 09:05	
500-172312-5	TW3 0-1	Solid	10/23/19 11:10	10/24/19 09:05	
500-172312-6	TW3 3-5	Solid	10/23/19 11:12	10/24/19 09:05	
500-172312-7	DUP1	Solid	10/23/19 11:15	10/24/19 09:05	
500-172312-8	DUP2	Solid	10/23/19 11:25	10/24/19 09:05	
500-172312-9	SB1 0-2.5	Solid	10/23/19 11:45	10/24/19 09:05	
500-172312-10	SB2 0-2.5	Solid	10/23/19 14:30	10/24/19 09:05	
500-172312-11	SB2 2.5-5	Solid	10/23/19 14:32	10/24/19 09:05	
500-172312-12	SB3 0-1	Solid	10/23/19 14:40	10/24/19 09:05	
500-172312-13	SB3 5-7.5	Solid	10/23/19 14:42	10/24/19 09:05	
500-172312-14	SB4 0-2.5	Solid	10/23/19 14:50	10/24/19 09:05	
500-172312-15	SB5 0-2.5	Solid	10/23/19 15:00	10/24/19 09:05	
500-172312-16	SB6 0-2.5	Solid	10/23/19 15:05	10/24/19 09:05	
500-172312-17	TW1	Water	10/23/19 12:55	10/24/19 09:05	
500-172312-18	TW2	Water	10/23/19 13:15	10/24/19 09:05	
500-172312-19	TW3	Water	10/23/19 13:35	10/24/19 09:05	
500-172312-20	DUP3	Water	10/23/19 13:37	10/24/19 09:05	
500-172312-21	Trip Blank (HCl)	Water	10/23/19 00:00	10/24/19 09:05	
500-172312-22	Trip Blank (MeOH)	Solid	10/23/19 00:00	10/24/19 09:05	

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW1 5-7.5

Lab Sample ID: 500-172312-1

Date Collected: 10/23/19 10:15

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 93.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<26		57	26	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,1,1-Trichloroethane	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,1,2,2-Tetrachloroethane	<23		57	23	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,1,2-Trichloroethane	<20		57	20	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,1-Dichloroethane	<23		57	23	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,1-Dichloroethene	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,1-Dichloropropene	<17		57	17	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,2,3-Trichlorobenzene	<26		57	26	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,2,3-Trichloropropane	<24		110	24	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,2,4-Trichlorobenzene	<20		57	20	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,2,4-Trimethylbenzene	<20		57	20	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,2-Dibromo-3-Chloropropane	<110		290	110	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,2-Dibromoethane	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,2-Dichlorobenzene	<19		57	19	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,2-Dichloroethane	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,2-Dichloropropane	<24		57	24	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,3,5-Trimethylbenzene	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,3-Dichlorobenzene	<23		57	23	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,3-Dichloropropane	<21		57	21	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
1,4-Dichlorobenzene	<21		57	21	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
2,2-Dichloropropane	<25		57	25	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
2-Chlorotoluene	<18		57	18	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
4-Chlorotoluene	<20		57	20	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Benzene	<8.3		14	8.3	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Bromobenzene	<20		57	20	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Bromochloromethane	<24		57	24	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Bromodichloromethane	<21		57	21	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Bromoform	<28		57	28	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Bromomethane	<45		170	45	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Carbon tetrachloride	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Chlorobenzene	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Chloroethane	<29		57	29	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Chloroform	<21		110	21	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Chloromethane	<18		57	18	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
cis-1,2-Dichloroethene	<23		57	23	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
cis-1,3-Dichloropropene	<24		57	24	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Dibromochloromethane	<28		57	28	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Dibromomethane	<15		57	15	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Dichlorodifluoromethane	<39		170	39	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Ethylbenzene	<10		14	10	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Hexachlorobutadiene	<25		57	25	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Isopropyl ether	<16		57	16	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Isopropylbenzene	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Methyl tert-butyl ether	<23		57	23	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Methylene Chloride	<93		290	93	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Naphthalene	<19		57	19	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
n-Butylbenzene	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
N-Propylbenzene	<24		57	24	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
p-Isopropyltoluene	<21		57	21	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW1 5-7.5

Lab Sample ID: 500-172312-1

Date Collected: 10/23/19 10:15

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<23		57	23	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Styrene	<22		57	22	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
tert-Butylbenzene	<23		57	23	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Tetrachloroethene	<21		57	21	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Toluene	<8.4		14	8.4	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
trans-1,2-Dichloroethene	<20		57	20	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
trans-1,3-Dichloropropene	<21		57	21	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Trichloroethene	<9.4		29	9.4	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Trichlorofluoromethane	<24		57	24	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Vinyl chloride	<15		57	15	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Xylenes, Total	<13		29	13	ug/Kg	☼	10/23/19 10:15	11/04/19 14:52	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 126				10/23/19 10:15	11/04/19 14:52	50
4-Bromofluorobenzene (Surr)	94		72 - 124				10/23/19 10:15	11/04/19 14:52	50
Dibromofluoromethane	100		75 - 120				10/23/19 10:15	11/04/19 14:52	50
Toluene-d8 (Surr)	97		75 - 120				10/23/19 10:15	11/04/19 14:52	50

Client Sample ID: TW1 2.5-5

Lab Sample ID: 500-172312-2

Date Collected: 10/23/19 10:17

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 93.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	28	J	72	8.7	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
2-Methylnaphthalene	20	J	72	6.5	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Acenaphthene	<6.4		35	6.4	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Acenaphthylene	29	J	35	4.7	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Anthracene	260		35	5.9	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Benzo[a]anthracene	590		35	4.8	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Benzo[a]pyrene	590		35	6.9	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Benzo[b]fluoranthene	680		35	7.7	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Benzo[g,h,i]perylene	350		35	11	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Benzo[k]fluoranthene	240		35	10	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Chrysene	630		35	9.7	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Dibenz(a,h)anthracene	68		35	6.9	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Fluoranthene	1400		35	6.6	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Fluorene	67		35	5.0	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Indeno[1,2,3-cd]pyrene	320		35	9.2	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Naphthalene	55		35	5.5	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Phenanthrene	1000		35	5.0	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Pyrene	1100		35	7.1	ug/Kg	☼	10/31/19 17:47	11/01/19 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	93		43 - 145				10/31/19 17:47	11/01/19 12:59	1
Nitrobenzene-d5 (Surr)	59		37 - 147				10/31/19 17:47	11/01/19 12:59	1
Terphenyl-d14 (Surr)	102		42 - 157				10/31/19 17:47	11/01/19 12:59	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7		0.91	0.31	mg/Kg	☼	10/31/19 17:38	11/04/19 13:04	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW1 2.5-5

Date Collected: 10/23/19 10:17

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-2

Matrix: Solid

Percent Solids: 93.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	15	B	0.91	0.10	mg/Kg	☼	10/31/19 17:38	11/02/19 00:50	1
Cadmium	0.12	J B	0.18	0.033	mg/Kg	☼	10/31/19 17:38	11/02/19 00:50	1
Chromium	5.5	B	0.91	0.45	mg/Kg	☼	10/31/19 17:38	11/02/19 00:50	1
Lead	13		0.46	0.21	mg/Kg	☼	10/31/19 17:38	11/04/19 13:04	1
Selenium	<0.54		0.91	0.54	mg/Kg	☼	10/31/19 17:38	11/02/19 00:50	1
Silver	1.0		0.46	0.12	mg/Kg	☼	10/31/19 17:38	11/04/19 13:04	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.010	J	0.016	0.0053	mg/Kg	☼	10/30/19 15:05	10/31/19 09:49	1

Client Sample ID: TW2 5-7.5

Date Collected: 10/23/19 10:45

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-3

Matrix: Solid

Percent Solids: 95.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<25		55	25	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,1,1-Trichloroethane	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,1,2,2-Tetrachloroethane	<22		55	22	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,1,2-Trichloroethane	<19		55	19	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,1-Dichloroethane	<22		55	22	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,1-Dichloroethene	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,1-Dichloropropene	<16		55	16	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,2,3-Trichlorobenzene	<25		55	25	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,2,3-Trichloropropane	<23		110	23	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,2,4-Trichlorobenzene	<19		55	19	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,2,4-Trimethylbenzene	<20		55	20	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,2-Dibromo-3-Chloropropane	<110		270	110	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,2-Dibromoethane	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,2-Dichlorobenzene	<18		55	18	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,2-Dichloroethane	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,2-Dichloropropane	<23		55	23	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,3,5-Trimethylbenzene	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,3-Dichlorobenzene	<22		55	22	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,3-Dichloropropane	<20		55	20	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
1,4-Dichlorobenzene	<20		55	20	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
2,2-Dichloropropane	<24		55	24	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
2-Chlorotoluene	<17		55	17	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
4-Chlorotoluene	<19		55	19	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Benzene	<8.0		14	8.0	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Bromobenzene	<19		55	19	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Bromochloromethane	<23		55	23	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Bromodichloromethane	<20		55	20	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Bromoform	<26		55	26	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Bromomethane	<44		160	44	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Carbon tetrachloride	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Chlorobenzene	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Chloroethane	<28		55	28	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Chloroform	<20		110	20	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW2 5-7.5

Lab Sample ID: 500-172312-3

Date Collected: 10/23/19 10:45

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<17		55	17	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
cis-1,2-Dichloroethene	<22		55	22	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
cis-1,3-Dichloropropene	<23		55	23	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Dibromochloromethane	<27		55	27	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Dibromomethane	<15		55	15	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Dichlorodifluoromethane	<37		160	37	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Ethylbenzene	<10		14	10	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Hexachlorobutadiene	<24		55	24	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Isopropyl ether	<15		55	15	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Isopropylbenzene	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Methyl tert-butyl ether	<22		55	22	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Methylene Chloride	<89		270	89	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Naphthalene	<18		55	18	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
n-Butylbenzene	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
N-Propylbenzene	<23		55	23	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
p-Isopropyltoluene	<20		55	20	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
sec-Butylbenzene	<22		55	22	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Styrene	<21		55	21	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
tert-Butylbenzene	<22		55	22	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Tetrachloroethene	31	J	55	20	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Toluene	9.2	J	14	8.0	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
trans-1,2-Dichloroethene	<19		55	19	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
trans-1,3-Dichloropropene	<20		55	20	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Trichloroethene	<9.0		27	9.0	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Trichlorofluoromethane	<23		55	23	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Vinyl chloride	<14		55	14	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50
Xylenes, Total	<12		27	12	ug/Kg	☼	10/23/19 10:45	11/04/19 15:18	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	10/23/19 10:45	11/04/19 15:18	50
4-Bromofluorobenzene (Surr)	95		72 - 124	10/23/19 10:45	11/04/19 15:18	50
Dibromofluoromethane	99		75 - 120	10/23/19 10:45	11/04/19 15:18	50
Toluene-d8 (Surr)	97		75 - 120	10/23/19 10:45	11/04/19 15:18	50

Client Sample ID: TW2 0-2.5

Lab Sample ID: 500-172312-4

Date Collected: 10/23/19 10:47

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.3		77	9.3	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
2-Methylnaphthalene	<7.0		77	7.0	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Acenaphthene	<6.9		38	6.9	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Acenaphthylene	<5.0		38	5.0	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Anthracene	<6.4		38	6.4	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Benzo[a]anthracene	<5.1		38	5.1	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Benzo[a]pyrene	14	J	38	7.4	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Benzo[b]fluoranthene	13	J	38	8.2	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Benzo[g,h,i]perylene	<12	F1	38	12	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW2 0-2.5

Date Collected: 10/23/19 10:47

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-4

Matrix: Solid

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	12	J	38	10	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Dibenz(a,h)anthracene	<7.4		38	7.4	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Fluoranthene	16	J	38	7.1	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Indeno[1,2,3-cd]pyrene	11	J	38	9.9	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Naphthalene	<5.9		38	5.9	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Phenanthrene	9.9	J	38	5.3	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Pyrene	19	J	38	7.6	ug/Kg	☼	10/31/19 17:47	11/01/19 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	95		43 - 145				10/31/19 17:47	11/01/19 13:26	1
Nitrobenzene-d5 (Surr)	55		37 - 147				10/31/19 17:47	11/01/19 13:26	1
Terphenyl-d14 (Surr)	100		42 - 157				10/31/19 17:47	11/01/19 13:26	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		1.1	0.39	mg/Kg	☼	10/31/19 17:38	11/04/19 13:08	1
Barium	37	B	1.1	0.13	mg/Kg	☼	10/31/19 17:38	11/02/19 00:54	1
Cadmium	0.18	J B	0.23	0.041	mg/Kg	☼	10/31/19 17:38	11/02/19 00:54	1
Chromium	9.5	B	1.1	0.56	mg/Kg	☼	10/31/19 17:38	11/02/19 00:54	1
Lead	28	F1	0.57	0.26	mg/Kg	☼	10/31/19 17:38	11/04/19 13:08	1
Selenium	<0.67	F1	1.1	0.67	mg/Kg	☼	10/31/19 17:38	11/02/19 00:54	1
Silver	1.6		0.57	0.15	mg/Kg	☼	10/31/19 17:38	11/04/19 13:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.071		0.017	0.0058	mg/Kg	☼	10/30/19 15:05	10/31/19 09:51	1

Client Sample ID: TW3 0-1

Date Collected: 10/23/19 11:10

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-5

Matrix: Solid

Percent Solids: 96.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<99		210	99	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,1,1-Trichloroethane	<81		210	81	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,1,2,2-Tetrachloroethane	<85		210	85	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,1,2-Trichloroethane	<75		210	75	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,1-Dichloroethane	<88		210	88	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,1-Dichloroethene	<83		210	83	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,1-Dichloropropene	<64		210	64	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,2,3-Trichlorobenzene	<98		210	98	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,2,3-Trichloropropane	<88		430	88	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,2,4-Trichlorobenzene	<73		210	73	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,2,4-Trimethylbenzene	2100		210	76	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,2-Dibromo-3-Chloropropane	<420		1100	420	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,2-Dibromoethane	<82		210	82	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,2-Dichlorobenzene	<71		210	71	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,2-Dichloroethane	<84		210	84	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,2-Dichloropropane	<91		210	91	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,3,5-Trimethylbenzene	1200		210	81	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW3 0-1

Lab Sample ID: 500-172312-5

Date Collected: 10/23/19 11:10

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<85		210	85	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,3-Dichloropropane	<77		210	77	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
1,4-Dichlorobenzene	<78		210	78	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
2,2-Dichloropropane	<95		210	95	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
2-Chlorotoluene	<67		210	67	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
4-Chlorotoluene	<75		210	75	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Benzene	<31		53	31	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Bromobenzene	<76		210	76	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Bromochloromethane	<91		210	91	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Bromodichloromethane	<79		210	79	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Bromoform	<100		210	100	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Bromomethane	<170		640	170	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Carbon tetrachloride	<82		210	82	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Chlorobenzene	<82		210	82	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Chloroethane	<110		210	110	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Chloroform	<79		430	79	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Chloromethane	<68		210	68	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
cis-1,2-Dichloroethene	<87		210	87	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
cis-1,3-Dichloropropene	<89		210	89	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Dibromochloromethane	<100		210	100	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Dibromomethane	<58		210	58	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Dichlorodifluoromethane	<140		640	140	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Ethylbenzene	<39		53	39	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Hexachlorobutadiene	<95		210	95	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Isopropyl ether	<59		210	59	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Isopropylbenzene	<82		210	82	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Methyl tert-butyl ether	<84		210	84	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Methylene Chloride	530	J	1100	350	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Naphthalene	<71		210	71	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
n-Butylbenzene	1300		210	83	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
N-Propylbenzene	120	J	210	88	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
p-Isopropyltoluene	660		210	77	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
sec-Butylbenzene	290		210	85	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Styrene	<82		210	82	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
tert-Butylbenzene	<85		210	85	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Tetrachloroethene	<79		210	79	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Toluene	33	J	53	31	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
trans-1,2-Dichloroethene	<75		210	75	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
trans-1,3-Dichloropropene	<77		210	77	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Trichloroethene	<35		110	35	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Trichlorofluoromethane	<91		210	91	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Vinyl chloride	<56		210	56	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Xylenes, Total	320		110	47	ug/Kg	☼	10/23/19 11:10	11/04/19 15:43	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126				10/23/19 11:10	11/04/19 15:43	200
4-Bromofluorobenzene (Surr)	92		72 - 124				10/23/19 11:10	11/04/19 15:43	200
Dibromofluoromethane	101		75 - 120				10/23/19 11:10	11/04/19 15:43	200
Toluene-d8 (Surr)	96		75 - 120				10/23/19 11:10	11/04/19 15:43	200

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW3 3-5

Lab Sample ID: 500-172312-6

Date Collected: 10/23/19 11:12

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 94.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<43		350	43	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
2-Methylnaphthalene	<32		350	32	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Acenaphthene	<32		170	32	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Acenaphthylene	<23		170	23	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Anthracene	89	J	170	29	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Benzo[a]anthracene	240		170	24	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Benzo[a]pyrene	380		170	34	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Benzo[b]fluoranthene	680		170	38	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Benzo[g,h,i]perylene	200		170	57	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Benzo[k]fluoranthene	680		170	52	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Chrysene	380		170	48	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Dibenz(a,h)anthracene	<34		170	34	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Fluoranthene	490		170	33	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Fluorene	<25		170	25	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Indeno[1,2,3-cd]pyrene	170		170	46	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Naphthalene	<27		170	27	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Phenanthrene	270		170	25	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5
Pyrene	490		170	35	ug/Kg	☼	10/31/19 17:47	11/04/19 14:47	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	103		43 - 145	10/31/19 17:47	11/04/19 14:47	5
Nitrobenzene-d5 (Surr)	63		37 - 147	10/31/19 17:47	11/04/19 14:47	5
Terphenyl-d14 (Surr)	117		42 - 157	10/31/19 17:47	11/04/19 14:47	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.35		1.0	0.35	mg/Kg	☼	10/31/19 17:38	11/04/19 13:36	1
Barium	8.4	B	1.0	0.12	mg/Kg	☼	10/31/19 17:38	11/02/19 01:15	1
Cadmium	<0.037		0.20	0.037	mg/Kg	☼	10/31/19 17:38	11/02/19 01:15	1
Chromium	3.8	B	1.0	0.51	mg/Kg	☼	10/31/19 17:38	11/02/19 01:15	1
Lead	5.2		0.51	0.24	mg/Kg	☼	10/31/19 17:38	11/04/19 13:36	1
Selenium	<0.60		1.0	0.60	mg/Kg	☼	10/31/19 17:38	11/02/19 01:15	1
Silver	0.50	J ^ B	0.51	0.13	mg/Kg	☼	10/31/19 17:38	11/02/19 01:15	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0074	J	0.016	0.0053	mg/Kg	☼	10/30/19 15:05	10/31/19 10:04	1

Client Sample ID: DUP1

Lab Sample ID: 500-172312-7

Date Collected: 10/23/19 11:15

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 97.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<94		200	94	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,1,1-Trichloroethane	<78		200	78	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,1,2,2-Tetrachloroethane	<81		200	81	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,1,2-Trichloroethane	<72		200	72	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,1-Dichloroethane	<84		200	84	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,1-Dichloroethene	<80		200	80	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,1-Dichloropropene	<61		200	61	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: DUP1

Lab Sample ID: 500-172312-7

Date Collected: 10/23/19 11:15

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 97.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<94		200	94	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,2,3-Trichloropropane	<85		410	85	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,2,4-Trichlorobenzene	<70		200	70	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,2,4-Trimethylbenzene	2300		200	73	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,2-Dibromo-3-Chloropropane	<410		1000	410	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,2-Dibromoethane	<79		200	79	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,2-Dichlorobenzene	<68		200	68	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,2-Dichloroethane	<80		200	80	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,2-Dichloropropane	<87		200	87	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,3,5-Trimethylbenzene	1400		200	78	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,3-Dichlorobenzene	<82		200	82	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,3-Dichloropropane	<74		200	74	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
1,4-Dichlorobenzene	<74		200	74	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
2,2-Dichloropropane	<91		200	91	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
2-Chlorotoluene	<64		200	64	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
4-Chlorotoluene	<72		200	72	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Benzene	<30		51	30	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Bromobenzene	<73		200	73	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Bromochloromethane	<87		200	87	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Bromodichloromethane	<76		200	76	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Bromoform	<99		200	99	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Bromomethane	<160		610	160	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Carbon tetrachloride	<78		200	78	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Chlorobenzene	<79		200	79	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Chloroethane	<100		200	100	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Chloroform	<76		410	76	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Chloromethane	<65		200	65	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
cis-1,2-Dichloroethene	<83		200	83	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
cis-1,3-Dichloropropene	<85		200	85	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Dibromochloromethane	<100		200	100	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Dibromomethane	<55		200	55	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Dichlorodifluoromethane	<140		610	140	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Ethylbenzene	<37		51	37	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Hexachlorobutadiene	<91		200	91	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Isopropyl ether	<56		200	56	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Isopropylbenzene	<78		200	78	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Methyl tert-butyl ether	<81		200	81	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Methylene Chloride	470 J		1000	330	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Naphthalene	<68		200	68	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
n-Butylbenzene	1300		200	79	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
N-Propylbenzene	140 J		200	85	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
p-Isopropyltoluene	760		200	74	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
sec-Butylbenzene	310		200	81	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Styrene	<79		200	79	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
tert-Butylbenzene	<81		200	81	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Tetrachloroethene	<76		200	76	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Toluene	40 J		51	30	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
trans-1,2-Dichloroethene	<72		200	72	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
trans-1,3-Dichloropropene	<74		200	74	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: DUP1

Date Collected: 10/23/19 11:15

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-7

Matrix: Solid

Percent Solids: 97.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<34		100	34	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Trichlorofluoromethane	<87		200	87	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Vinyl chloride	<54		200	54	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Xylenes, Total	470		100	45	ug/Kg	☼	10/23/19 11:15	11/04/19 16:09	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126				10/23/19 11:15	11/04/19 16:09	200
4-Bromofluorobenzene (Surr)	94		72 - 124				10/23/19 11:15	11/04/19 16:09	200
Dibromofluoromethane	100		75 - 120				10/23/19 11:15	11/04/19 16:09	200
Toluene-d8 (Surr)	97		75 - 120				10/23/19 11:15	11/04/19 16:09	200

Client Sample ID: DUP2

Date Collected: 10/23/19 11:25

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-8

Matrix: Solid

Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.6		71	8.6	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
2-Methylnaphthalene	<6.5		71	6.5	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Acenaphthene	<6.4		35	6.4	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Acenaphthylene	5.0	J	35	4.7	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Anthracene	10	J	35	5.9	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Benzo[a]anthracene	58		35	4.8	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Benzo[a]pyrene	60		35	6.8	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Benzo[b]fluoranthene	63		35	7.6	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Benzo[g,h,i]perylene	37		35	11	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Benzo[k]fluoranthene	29	J	35	10	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Chrysene	63		35	9.6	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Dibenz(a,h)anthracene	10	J	35	6.8	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Fluoranthene	110		35	6.6	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Fluorene	<5.0		35	5.0	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Indeno[1,2,3-cd]pyrene	40		35	9.2	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Naphthalene	<5.4		35	5.4	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Phenanthrene	76		35	4.9	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Pyrene	96		35	7.0	ug/Kg	☼	10/31/19 17:47	11/01/19 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	103		43 - 145				10/31/19 17:47	11/01/19 12:32	1
Nitrobenzene-d5 (Surr)	65		37 - 147				10/31/19 17:47	11/01/19 12:32	1
Terphenyl-d14 (Surr)	110		42 - 157				10/31/19 17:47	11/01/19 12:32	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		0.97	0.33	mg/Kg	☼	10/31/19 17:38	11/04/19 13:40	1
Barium	12	B	0.97	0.11	mg/Kg	☼	10/31/19 17:38	11/02/19 01:19	1
Cadmium	0.099	J B	0.19	0.035	mg/Kg	☼	10/31/19 17:38	11/02/19 01:19	1
Chromium	9.8	B	0.97	0.48	mg/Kg	☼	10/31/19 17:38	11/02/19 01:19	1
Lead	5.4		0.48	0.22	mg/Kg	☼	10/31/19 17:38	11/04/19 13:40	1
Selenium	<0.57		0.97	0.57	mg/Kg	☼	10/31/19 17:38	11/02/19 01:19	1
Silver	0.84		0.48	0.12	mg/Kg	☼	10/31/19 17:38	11/04/19 13:40	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: DUP2

Date Collected: 10/23/19 11:25

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-8

Matrix: Solid

Percent Solids: 93.8

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg	☼	10/30/19 15:05	10/31/19 10:06	1

Client Sample ID: SB1 0-2.5

Date Collected: 10/23/19 11:45

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-9

Matrix: Solid

Percent Solids: 92.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<27		58	27	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,1,1-Trichloroethane	<22		58	22	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,1,2,2-Tetrachloroethane	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,1,2-Trichloroethane	<21		58	21	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,1-Dichloroethane	<24		58	24	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,1-Dichloroethene	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,1-Dichloropropene	<17		58	17	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,2,3-Trichlorobenzene	<27		58	27	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,2,3-Trichloropropane	<24		120	24	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,2,4-Trichlorobenzene	<20		58	20	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,2,4-Trimethylbenzene	<21		58	21	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,2-Dibromo-3-Chloropropane	<120		290	120	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,2-Dibromoethane	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,2-Dichlorobenzene	<20		58	20	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,2-Dichloroethane	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,2-Dichloropropane	<25		58	25	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,3,5-Trimethylbenzene	<22		58	22	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,3-Dichlorobenzene	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,3-Dichloropropane	<21		58	21	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
1,4-Dichlorobenzene	<21		58	21	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
2,2-Dichloropropane	<26		58	26	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
2-Chlorotoluene	<18		58	18	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
4-Chlorotoluene	<20		58	20	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Benzene	<8.5		15	8.5	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Bromobenzene	<21		58	21	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Bromochloromethane	<25		58	25	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Bromodichloromethane	<22		58	22	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Bromoform	<28		58	28	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Bromomethane	<47		180	47	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Carbon tetrachloride	<22		58	22	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Chlorobenzene	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Chloroethane	<29		58	29	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Chloroform	<22		120	22	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Chloromethane	<19		58	19	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
cis-1,2-Dichloroethene	<24		58	24	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
cis-1,3-Dichloropropene	<24		58	24	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Dibromochloromethane	<29		58	29	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Dibromomethane	<16		58	16	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Dichlorodifluoromethane	<39		180	39	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Ethylbenzene	<11		15	11	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Hexachlorobutadiene	<26		58	26	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Isopropyl ether	<16		58	16	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB1 0-2.5

Lab Sample ID: 500-172312-9

Date Collected: 10/23/19 11:45

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<22		58	22	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Methyl tert-butyl ether	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Methylene Chloride	<95		290	95	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Naphthalene	<20		58	20	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
n-Butylbenzene	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
N-Propylbenzene	<24		58	24	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
p-Isopropyltoluene	<21		58	21	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
sec-Butylbenzene	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Styrene	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
tert-Butylbenzene	<23		58	23	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Tetrachloroethene	<22		58	22	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Toluene	<8.6		15	8.6	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
trans-1,2-Dichloroethene	<20		58	20	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
trans-1,3-Dichloropropene	<21		58	21	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Trichloroethene	<9.6		29	9.6	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Trichlorofluoromethane	<25		58	25	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Vinyl chloride	<15		58	15	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50
Xylenes, Total	<13		29	13	ug/Kg	☼	10/23/19 11:45	11/04/19 16:35	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	10/23/19 11:45	11/04/19 16:35	50
4-Bromofluorobenzene (Surr)	91		72 - 124	10/23/19 11:45	11/04/19 16:35	50
Dibromofluoromethane	100		75 - 120	10/23/19 11:45	11/04/19 16:35	50
Toluene-d8 (Surr)	98		75 - 120	10/23/19 11:45	11/04/19 16:35	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.5		70	8.5	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
2-Methylnaphthalene	<6.4		70	6.4	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Acenaphthene	<6.3		35	6.3	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Acenaphthylene	<4.6		35	4.6	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Anthracene	<5.8		35	5.8	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Benzo[a]anthracene	21	J	35	4.7	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Benzo[a]pyrene	31	J	35	6.8	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Benzo[b]fluoranthene	25	J	35	7.5	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Benzo[g,h,i]perylene	19	J	35	11	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Benzo[k]fluoranthene	27	J	35	10	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Chrysene	31	J	35	9.5	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Dibenz(a,h)anthracene	<6.7		35	6.7	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Fluoranthene	38		35	6.5	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Fluorene	<4.9		35	4.9	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Indeno[1,2,3-cd]pyrene	23	J	35	9.0	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Naphthalene	<5.4		35	5.4	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Phenanthrene	14	J	35	4.9	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1
Pyrene	33	J	35	6.9	ug/Kg	☼	10/31/19 17:47	11/01/19 10:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	97		43 - 145	10/31/19 17:47	11/01/19 10:44	1
Nitrobenzene-d5 (Surr)	58		37 - 147	10/31/19 17:47	11/01/19 10:44	1
Terphenyl-d14 (Surr)	107		42 - 157	10/31/19 17:47	11/01/19 10:44	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB1 0-2.5

Lab Sample ID: 500-172312-9

Date Collected: 10/23/19 11:45

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 92.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2		0.99	0.34	mg/Kg	☼	10/31/19 17:38	11/04/19 13:44	1
Barium	26	B	0.99	0.11	mg/Kg	☼	10/31/19 17:38	11/02/19 01:23	1
Cadmium	0.18	J B	0.20	0.036	mg/Kg	☼	10/31/19 17:38	11/02/19 01:23	1
Chromium	9.7	B	0.99	0.49	mg/Kg	☼	10/31/19 17:38	11/02/19 01:23	1
Lead	3.9		0.49	0.23	mg/Kg	☼	10/31/19 17:38	11/04/19 13:44	1
Selenium	<0.58		0.99	0.58	mg/Kg	☼	10/31/19 17:38	11/02/19 01:23	1
Silver	1.5		0.49	0.13	mg/Kg	☼	10/31/19 17:38	11/04/19 13:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg	☼	10/30/19 15:05	10/31/19 10:08	1

Client Sample ID: SB2 0-2.5

Lab Sample ID: 500-172312-10

Date Collected: 10/23/19 14:30

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 91.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<28		60	28	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,1,1-Trichloroethane	<23		60	23	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,1,2,2-Tetrachloroethane	<24		60	24	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,1,2-Trichloroethane	<21		60	21	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,1-Dichloroethane	<25		60	25	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,1-Dichloroethene	<23		60	23	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,1-Dichloropropene	<18		60	18	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,2,3-Trichlorobenzene	<28		60	28	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,2,4-Trichlorobenzene	<21		60	21	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,2,4-Trimethylbenzene	<22		60	22	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,2-Dibromo-3-Chloropropane	<120		300	120	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,2-Dibromoethane	<23		60	23	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,2-Dichlorobenzene	<20		60	20	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,2-Dichloroethane	<24		60	24	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,2-Dichloropropane	<26		60	26	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,3-Dichlorobenzene	<24		60	24	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,3-Dichloropropane	<22		60	22	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
1,4-Dichlorobenzene	<22		60	22	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
2,2-Dichloropropane	<27		60	27	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
2-Chlorotoluene	<19		60	19	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
4-Chlorotoluene	<21		60	21	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Benzene	<8.8		15	8.8	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Bromobenzene	<21		60	21	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Bromochloromethane	<26		60	26	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Bromodichloromethane	<22		60	22	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Bromoform	<29		60	29	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Bromomethane	<48		180	48	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Carbon tetrachloride	<23		60	23	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Chlorobenzene	<23		60	23	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Chloroethane	<30		60	30	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB2 0-2.5

Lab Sample ID: 500-172312-10

Date Collected: 10/23/19 14:30

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<22		120	22	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Chloromethane	<19		60	19	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
cis-1,2-Dichloroethene	<25		60	25	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
cis-1,3-Dichloropropene	<25		60	25	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Dibromochloromethane	<29		60	29	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Dibromomethane	<16		60	16	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Dichlorodifluoromethane	<41		180	41	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Ethylbenzene	<11		15	11	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Hexachlorobutadiene	<27		60	27	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Isopropyl ether	<17		60	17	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Isopropylbenzene	<23		60	23	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Methylene Chloride	<98		300	98	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Naphthalene	<20		60	20	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
n-Butylbenzene	<23		60	23	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
N-Propylbenzene	<25		60	25	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
p-Isopropyltoluene	<22		60	22	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
sec-Butylbenzene	<24		60	24	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Styrene	<23		60	23	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
tert-Butylbenzene	<24		60	24	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Tetrachloroethene	<22		60	22	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Toluene	<8.8		15	8.8	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
trans-1,2-Dichloroethene	<21		60	21	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
trans-1,3-Dichloropropene	<22		60	22	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Trichloroethene	<9.9		30	9.9	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Trichlorofluoromethane	<26		60	26	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Vinyl chloride	<16		60	16	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50
Xylenes, Total	<13		30	13	ug/Kg	☼	10/23/19 14:30	11/04/19 17:00	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 126	10/23/19 14:30	11/04/19 17:00	50
4-Bromofluorobenzene (Surr)	93		72 - 124	10/23/19 14:30	11/04/19 17:00	50
Dibromofluoromethane	103		75 - 120	10/23/19 14:30	11/04/19 17:00	50
Toluene-d8 (Surr)	96		75 - 120	10/23/19 14:30	11/04/19 17:00	50

Client Sample ID: SB2 2.5-5

Lab Sample ID: 500-172312-11

Date Collected: 10/23/19 14:32

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.1		75	9.1	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
2-Methylnaphthalene	<6.8		75	6.8	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Acenaphthene	<6.7		37	6.7	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Acenaphthylene	<4.9		37	4.9	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Anthracene	<6.2		37	6.2	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Benzo[a]anthracene	<5.0		37	5.0	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Benzo[a]pyrene	11	J	37	7.2	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Benzo[b]fluoranthene	13	J	37	8.0	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Benzo[g,h,i]perylene	<12		37	12	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB2 2.5-5

Lab Sample ID: 500-172312-11

Date Collected: 10/23/19 14:32

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<11		37	11	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Chrysene	<10		37	10	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Dibenz(a,h)anthracene	<7.2		37	7.2	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Fluoranthene	15	J	37	6.9	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Fluorene	<5.2		37	5.2	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Indeno[1,2,3-cd]pyrene	<9.7		37	9.7	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Naphthalene	<5.7		37	5.7	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Phenanthrene	<5.2		37	5.2	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Pyrene	14	J	37	7.4	ug/Kg	☼	10/31/19 17:47	11/01/19 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	88		43 - 145				10/31/19 17:47	11/01/19 12:05	1
Nitrobenzene-d5 (Surr)	54		37 - 147				10/31/19 17:47	11/01/19 12:05	1
Terphenyl-d14 (Surr)	103		42 - 157				10/31/19 17:47	11/01/19 12:05	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		1.0	0.36	mg/Kg	☼	10/31/19 17:38	11/04/19 13:48	1
Barium	47	B	1.0	0.12	mg/Kg	☼	10/31/19 17:38	11/02/19 01:28	1
Cadmium	0.25	B	0.21	0.038	mg/Kg	☼	10/31/19 17:38	11/02/19 01:28	1
Chromium	11	B	1.0	0.52	mg/Kg	☼	10/31/19 17:38	11/02/19 01:28	1
Lead	8.4		0.52	0.24	mg/Kg	☼	10/31/19 17:38	11/04/19 13:48	1
Selenium	<0.61		1.0	0.61	mg/Kg	☼	10/31/19 17:38	11/02/19 01:28	1
Silver	4.6		0.52	0.13	mg/Kg	☼	10/31/19 17:38	11/04/19 13:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0060	mg/Kg	☼	10/30/19 15:05	10/31/19 10:10	1

Client Sample ID: SB3 0-1

Lab Sample ID: 500-172312-12

Date Collected: 10/23/19 14:40

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<87		710	87	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
2-Methylnaphthalene	<65		710	65	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Acenaphthene	<64		350	64	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Acenaphthylene	2000		350	47	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Anthracene	1200		350	59	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Benzo[a]anthracene	3800		350	48	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Benzo[a]pyrene	4700		350	69	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Benzo[b]fluoranthene	6300		350	77	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Benzo[g,h,i]perylene	1800		350	110	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Benzo[k]fluoranthene	2700		350	100	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Chrysene	4300		350	97	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Dibenz(a,h)anthracene	450		350	69	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Fluoranthene	5400		350	66	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Fluorene	<50		350	50	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Indeno[1,2,3-cd]pyrene	1600		350	92	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Naphthalene	<55		350	55	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB3 0-1

Date Collected: 10/23/19 14:40

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-12

Matrix: Solid

Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	1800		350	49	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Pyrene	5500		350	70	ug/Kg	☼	10/31/19 17:47	11/01/19 17:57	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		43 - 145				10/31/19 17:47	11/01/19 17:57	10
Nitrobenzene-d5 (Surr)	47		37 - 147				10/31/19 17:47	11/01/19 17:57	10
Terphenyl-d14 (Surr)	103		42 - 157				10/31/19 17:47	11/01/19 17:57	10

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		0.93	0.32	mg/Kg	☼	10/31/19 17:38	11/04/19 13:52	1
Barium	9.9	B	0.93	0.11	mg/Kg	☼	10/31/19 17:38	11/02/19 01:40	1
Cadmium	0.078	J B	0.19	0.033	mg/Kg	☼	10/31/19 17:38	11/02/19 01:40	1
Chromium	5.8	B	0.93	0.46	mg/Kg	☼	10/31/19 17:38	11/02/19 01:40	1
Lead	9.0		0.47	0.21	mg/Kg	☼	10/31/19 17:38	11/04/19 13:52	1
Selenium	<0.55		0.93	0.55	mg/Kg	☼	10/31/19 17:38	11/02/19 01:40	1
Silver	0.93		0.47	0.12	mg/Kg	☼	10/31/19 17:38	11/04/19 13:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0052		0.016	0.0052	mg/Kg	☼	10/30/19 15:05	10/31/19 10:12	1

Client Sample ID: SB3 5-7.5

Date Collected: 10/23/19 14:42

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-13

Matrix: Solid

Percent Solids: 90.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<28		61	28	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,1,1-Trichloroethane	<23		61	23	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,1,2,2-Tetrachloroethane	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,1,2-Trichloroethane	<21		61	21	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,1-Dichloroethane	<25		61	25	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,1-Dichloroethene	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,1-Dichloropropene	<18		61	18	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,2,3-Trichlorobenzene	<28		61	28	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,2,4-Trichlorobenzene	<21		61	21	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,2,4-Trimethylbenzene	<22		61	22	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,2-Dibromo-3-Chloropropane	<120		300	120	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,2-Dibromoethane	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,2-Dichlorobenzene	<20		61	20	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,2-Dichloroethane	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,2-Dichloropropane	<26		61	26	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,3,5-Trimethylbenzene	<23		61	23	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,3-Dichlorobenzene	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,3-Dichloropropane	<22		61	22	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
1,4-Dichlorobenzene	<22		61	22	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
2,2-Dichloropropane	<27		61	27	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
2-Chlorotoluene	<19		61	19	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
4-Chlorotoluene	<21		61	21	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB3 5-7.5

Lab Sample ID: 500-172312-13

Date Collected: 10/23/19 14:42

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.9		15	8.9	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Bromobenzene	<22		61	22	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Bromochloromethane	<26		61	26	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Bromodichloromethane	<23		61	23	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Bromoform	<29		61	29	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Bromomethane	<48		180	48	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Carbon tetrachloride	<23		61	23	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Chlorobenzene	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Chloroethane	<31		61	31	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Chloroform	<23		120	23	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Chloromethane	<19		61	19	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
cis-1,2-Dichloroethene	<25		61	25	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
cis-1,3-Dichloropropene	<25		61	25	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Dibromochloromethane	<30		61	30	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Dibromomethane	<16		61	16	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Dichlorodifluoromethane	<41		180	41	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Ethylbenzene	<11		15	11	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Hexachlorobutadiene	<27		61	27	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Isopropyl ether	<17		61	17	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Isopropylbenzene	<23		61	23	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Methyl tert-butyl ether	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Methylene Chloride	<99		300	99	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Naphthalene	<20		61	20	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
n-Butylbenzene	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
N-Propylbenzene	<25		61	25	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
p-Isopropyltoluene	<22		61	22	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
sec-Butylbenzene	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Styrene	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
tert-Butylbenzene	<24		61	24	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Tetrachloroethene	<23		61	23	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Toluene	29		15	9.0	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
trans-1,2-Dichloroethene	<21		61	21	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
trans-1,3-Dichloropropene	<22		61	22	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Trichloroethene	<10		30	10	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Trichlorofluoromethane	<26		61	26	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Vinyl chloride	<16		61	16	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50
Xylenes, Total	<13		30	13	ug/Kg	☼	10/23/19 14:42	11/04/19 17:26	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	10/23/19 14:42	11/04/19 17:26	50
4-Bromofluorobenzene (Surr)	95		72 - 124	10/23/19 14:42	11/04/19 17:26	50
Dibromofluoromethane	101		75 - 120	10/23/19 14:42	11/04/19 17:26	50
Toluene-d8 (Surr)	98		75 - 120	10/23/19 14:42	11/04/19 17:26	50

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB4 0-2.5

Lab Sample ID: 500-172312-14

Date Collected: 10/23/19 14:50

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 96.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,1-Dichloroethane	<21		50	21	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,1-Dichloroethene	<20		50	20	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,1-Dichloropropene	<15		50	15	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,2-Dibromoethane	<19		50	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,2-Dichloroethane	<20		50	20	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,2-Dichloropropane	<22		50	22	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,3-Dichloropropane	<18		50	18	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
2,2-Dichloropropane	<22		50	22	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
2-Chlorotoluene	<16		50	16	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
4-Chlorotoluene	<18		50	18	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Benzene	<7.4		13	7.4	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Bromobenzene	<18		50	18	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Bromochloromethane	<22		50	22	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Bromodichloromethane	<19		50	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Bromoform	<24		50	24	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Bromomethane	<40		150	40	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Carbon tetrachloride	<19		50	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Chlorobenzene	<19		50	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Chloroethane	<25		50	25	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Chloroform	<19		100	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Chloromethane	<16		50	16	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
cis-1,2-Dichloroethene	<21		50	21	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Dibromochloromethane	<25		50	25	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Dibromomethane	<14		50	14	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Dichlorodifluoromethane	<34		150	34	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Ethylbenzene	<9.2		13	9.2	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Hexachlorobutadiene	<23		50	23	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Isopropyl ether	<14		50	14	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Isopropylbenzene	<19		50	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Methyl tert-butyl ether	<20		50	20	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Methylene Chloride	<82		250	82	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Naphthalene	61		50	17	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
n-Butylbenzene	<20		50	20	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
N-Propylbenzene	<21		50	21	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
p-Isopropyltoluene	<18		50	18	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50

Euofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB4 0-2.5

Lab Sample ID: 500-172312-14

Date Collected: 10/23/19 14:50

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<20		50	20	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Styrene	<19		50	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
tert-Butylbenzene	<20		50	20	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Tetrachloroethene	<19		50	19	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Toluene	42		13	7.4	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Trichloroethene	<8.3		25	8.3	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Trichlorofluoromethane	<22		50	22	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Vinyl chloride	<13		50	13	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Xylenes, Total	<11		25	11	ug/Kg	☼	10/23/19 14:50	11/04/19 17:52	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 126				10/23/19 14:50	11/04/19 17:52	50
4-Bromofluorobenzene (Surr)	95		72 - 124				10/23/19 14:50	11/04/19 17:52	50
Dibromofluoromethane	100		75 - 120				10/23/19 14:50	11/04/19 17:52	50
Toluene-d8 (Surr)	97		75 - 120				10/23/19 14:50	11/04/19 17:52	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<83		690	83	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
2-Methylnaphthalene	<63		690	63	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Acenaphthene	<61		340	61	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Acenaphthylene	250	J	340	45	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Anthracene	250	J	340	57	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Benzo[a]anthracene	<46		340	46	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Benzo[a]pyrene	1500		340	66	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Benzo[b]fluoranthene	1500		340	74	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Benzo[g,h,i]perylene	690		340	110	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Benzo[k]fluoranthene	1300		340	100	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Chrysene	1500		340	93	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Dibenz(a,h)anthracene	<66		340	66	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Fluoranthene	1900		340	63	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Fluorene	110	J	340	48	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Indeno[1,2,3-cd]pyrene	430		340	89	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Naphthalene	<53		340	53	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Phenanthrene	890		340	48	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Pyrene	5600		340	68	ug/Kg	☼	10/31/19 17:47	11/01/19 18:23	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	78		43 - 145				10/31/19 17:47	11/01/19 18:23	10
Nitrobenzene-d5 (Surr)	43		37 - 147				10/31/19 17:47	11/01/19 18:23	10
Terphenyl-d14 (Surr)	111		42 - 157				10/31/19 17:47	11/01/19 18:23	10

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1		0.90	0.31	mg/Kg	☼	10/31/19 17:38	11/04/19 13:56	1
Barium	8.8	B	0.90	0.10	mg/Kg	☼	10/31/19 17:38	11/02/19 01:44	1
Cadmium	0.060	J B	0.18	0.033	mg/Kg	☼	10/31/19 17:38	11/02/19 01:44	1
Chromium	4.3	B	0.90	0.45	mg/Kg	☼	10/31/19 17:38	11/02/19 01:44	1

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB4 0-2.5

Lab Sample ID: 500-172312-14

Date Collected: 10/23/19 14:50

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.9		0.45	0.21	mg/Kg	☼	10/31/19 17:38	11/04/19 13:56	1
Selenium	<0.53		0.90	0.53	mg/Kg	☼	10/31/19 17:38	11/02/19 01:44	1
Silver	0.74		0.45	0.12	mg/Kg	☼	10/31/19 17:38	11/04/19 13:56	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0050		0.015	0.0050	mg/Kg	☼	10/30/19 15:05	10/31/19 10:14	1

Client Sample ID: SB5 0-2.5

Lab Sample ID: 500-172312-15

Date Collected: 10/23/19 15:00

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 94.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<26		57	26	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,1,1-Trichloroethane	<21		57	21	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,1,2,2-Tetrachloroethane	<23		57	23	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,1,2-Trichloroethane	<20		57	20	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,1-Dichloroethane	<23		57	23	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,1-Dichloroethene	<22		57	22	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,1-Dichloropropene	<17		57	17	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,2,3-Trichlorobenzene	<26		57	26	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,2,3-Trichloropropane	<23		110	23	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,2,4-Trichlorobenzene	<19		57	19	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,2,4-Trimethylbenzene	<20		57	20	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,2-Dibromo-3-Chloropropane	<110		280	110	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,2-Dibromoethane	<22		57	22	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,2-Dichlorobenzene	<19		57	19	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,2-Dichloroethane	<22		57	22	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,2-Dichloropropane	<24		57	24	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,3,5-Trimethylbenzene	<21		57	21	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,3-Dichlorobenzene	<23		57	23	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,3-Dichloropropane	<20		57	20	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
1,4-Dichlorobenzene	<21		57	21	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
2,2-Dichloropropane	<25		57	25	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
2-Chlorotoluene	<18		57	18	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
4-Chlorotoluene	<20		57	20	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Benzene	<8.3		14	8.3	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Bromobenzene	<20		57	20	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Bromochloromethane	<24		57	24	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Bromodichloromethane	<21		57	21	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Bromoform	<27		57	27	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Bromomethane	<45		170	45	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Carbon tetrachloride	<22		57	22	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Chlorobenzene	<22		57	22	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Chloroethane	<28		57	28	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Chloroform	<21		110	21	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Chloromethane	<18		57	18	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
cis-1,2-Dichloroethene	<23		57	23	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
cis-1,3-Dichloropropene	<24		57	24	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB5 0-2.5

Lab Sample ID: 500-172312-15

Date Collected: 10/23/19 15:00

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 94.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	<28		57	28	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Dibromomethane	<15		57	15	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Dichlorodifluoromethane	<38		170	38	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Ethylbenzene	<10		14	10	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Hexachlorobutadiene	<25		57	25	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Isopropyl ether	<16		57	16	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Isopropylbenzene	<22		57	22	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Methyl tert-butyl ether	<22		57	22	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Methylene Chloride	<92		280	92	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Naphthalene	54	J	57	19	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
n-Butylbenzene	<22		57	22	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
N-Propylbenzene	<23		57	23	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
p-Isopropyltoluene	<20		57	20	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
sec-Butylbenzene	<23		57	23	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Styrene	<22		57	22	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
tert-Butylbenzene	<23		57	23	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Tetrachloroethene	<21		57	21	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Toluene	86		14	8.3	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
trans-1,2-Dichloroethene	<20		57	20	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
trans-1,3-Dichloropropene	<20		57	20	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Trichloroethene	<9.3		28	9.3	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Trichlorofluoromethane	<24		57	24	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Vinyl chloride	<15		57	15	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50
Xylenes, Total	<12		28	12	ug/Kg	☼	10/23/19 15:00	11/04/19 18:17	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 126	10/23/19 15:00	11/04/19 18:17	50
4-Bromofluorobenzene (Surr)	95		72 - 124	10/23/19 15:00	11/04/19 18:17	50
Dibromofluoromethane	99		75 - 120	10/23/19 15:00	11/04/19 18:17	50
Toluene-d8 (Surr)	98		75 - 120	10/23/19 15:00	11/04/19 18:17	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<43		360	43	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
2-Methylnaphthalene	<32		360	32	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Acenaphthene	<32		170	32	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Acenaphthylene	200		170	23	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Anthracene	130	J	170	29	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Benzo[a]anthracene	<24		170	24	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Benzo[a]pyrene	530		170	34	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Benzo[b]fluoranthene	620		170	38	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Benzo[g,h,i]perylene	<57		170	57	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Benzo[k]fluoranthene	290		170	52	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Chrysene	560		170	48	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Dibenz(a,h)anthracene	<34		170	34	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Fluoranthene	570		170	33	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Fluorene	66	J	170	25	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Indeno[1,2,3-cd]pyrene	200		170	46	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Naphthalene	<27		170	27	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5
Phenanthrene	200		170	25	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB5 0-2.5

Lab Sample ID: 500-172312-15

Date Collected: 10/23/19 15:00

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 94.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	680		170	35	ug/Kg	☼	10/31/19 17:47	11/05/19 14:00	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	79		43 - 145	10/31/19 17:47	11/05/19 14:00	5
Nitrobenzene-d5 (Surr)	44		37 - 147	10/31/19 17:47	11/05/19 14:00	5
Terphenyl-d14 (Surr)	93		42 - 157	10/31/19 17:47	11/05/19 14:00	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.5		0.94	0.32	mg/Kg	☼	10/31/19 17:38	11/04/19 14:08	1
Barium	15	B	0.94	0.11	mg/Kg	☼	10/31/19 17:38	11/02/19 01:48	1
Cadmium	0.088	J B	0.19	0.034	mg/Kg	☼	10/31/19 17:38	11/02/19 01:48	1
Chromium	6.7	B	0.94	0.46	mg/Kg	☼	10/31/19 17:38	11/02/19 01:48	1
Lead	5.6		0.47	0.22	mg/Kg	☼	10/31/19 17:38	11/04/19 14:08	1
Selenium	<0.55		0.94	0.55	mg/Kg	☼	10/31/19 17:38	11/02/19 01:48	1
Silver	1.3		0.47	0.12	mg/Kg	☼	10/31/19 17:38	11/04/19 14:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0055		0.017	0.0055	mg/Kg	☼	10/30/19 15:05	10/31/19 10:16	1

Client Sample ID: SB6 0-2.5

Lab Sample ID: 500-172312-16

Date Collected: 10/23/19 15:05

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 86.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<31		67	31	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,1,1-Trichloroethane	<25		67	25	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,1,2,2-Tetrachloroethane	<27		67	27	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,1,2-Trichloroethane	<24		67	24	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,1-Dichloroethane	<27		67	27	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,1-Dichloroethene	<26		67	26	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,1-Dichloropropene	<20		67	20	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,2,3-Trichlorobenzene	<31		67	31	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,2,3-Trichloropropane	<28		130	28	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,2,4-Trichlorobenzene	<23		67	23	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,2,4-Trimethylbenzene	<24		67	24	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,2-Dibromo-3-Chloropropane	<130		330	130	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,2-Dibromoethane	<26		67	26	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,2-Dichlorobenzene	<22		67	22	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,2-Dichloroethane	<26		67	26	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,2-Dichloropropane	<29		67	29	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,3,5-Trimethylbenzene	<25		67	25	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,3-Dichlorobenzene	<27		67	27	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,3-Dichloropropane	<24		67	24	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
1,4-Dichlorobenzene	<24		67	24	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
2,2-Dichloropropane	<30		67	30	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
2-Chlorotoluene	<21		67	21	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
4-Chlorotoluene	<23		67	23	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Benzene	<9.8		17	9.8	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB6 0-2.5

Lab Sample ID: 500-172312-16

Date Collected: 10/23/19 15:05

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<24		67	24	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Bromochloromethane	<29		67	29	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Bromodichloromethane	<25		67	25	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Bromoform	<32		67	32	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Bromomethane	<53		200	53	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Carbon tetrachloride	<26		67	26	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Chlorobenzene	<26		67	26	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Chloroethane	<34		67	34	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Chloroform	<25		130	25	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Chloromethane	<21		67	21	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
cis-1,2-Dichloroethene	<27		67	27	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
cis-1,3-Dichloropropene	<28		67	28	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Dibromochloromethane	<33		67	33	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Dibromomethane	<18		67	18	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Dichlorodifluoromethane	<45		200	45	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Ethylbenzene	<12		17	12	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Hexachlorobutadiene	<30		67	30	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Isopropyl ether	<18		67	18	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Isopropylbenzene	<26		67	26	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Methyl tert-butyl ether	<26		67	26	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Methylene Chloride	<110		330	110	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Naphthalene	<22		67	22	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
n-Butylbenzene	<26		67	26	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
N-Propylbenzene	<28		67	28	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
p-Isopropyltoluene	<24		67	24	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
sec-Butylbenzene	<27		67	27	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Styrene	<26		67	26	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
tert-Butylbenzene	<27		67	27	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Tetrachloroethene	380		67	25	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Toluene	43		17	9.8	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
trans-1,2-Dichloroethene	<23		67	23	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
trans-1,3-Dichloropropene	<24		67	24	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Trichloroethene	17 J		33	11	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Trichlorofluoromethane	<29		67	29	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Vinyl chloride	<18		67	18	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50
Xylenes, Total	<15		33	15	ug/Kg	☼	10/23/19 15:05	11/04/19 18:43	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 126	10/23/19 15:05	11/04/19 18:43	50
4-Bromofluorobenzene (Surr)	95		72 - 124	10/23/19 15:05	11/04/19 18:43	50
Dibromofluoromethane	99		75 - 120	10/23/19 15:05	11/04/19 18:43	50
Toluene-d8 (Surr)	99		75 - 120	10/23/19 15:05	11/04/19 18:43	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<46		380	46	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
2-Methylnaphthalene	<35		380	35	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Acenaphthene	<34		190	34	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Acenaphthylene	<25		190	25	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Anthracene	<32		190	32	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB6 0-2.5

Lab Sample ID: 500-172312-16

Date Collected: 10/23/19 15:05

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	54	J	190	26	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Benzo[a]pyrene	110	J	190	37	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Benzo[b]fluoranthene	120	J	190	41	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Benzo[g,h,i]perylene	150	J	190	61	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Benzo[k]fluoranthene	<56		190	56	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Chrysene	150	J	190	52	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Dibenz(a,h)anthracene	<37		190	37	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Fluoranthene	140	J	190	35	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Fluorene	<27		190	27	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Indeno[1,2,3-cd]pyrene	<49		190	49	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Naphthalene	<29		190	29	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Phenanthrene	79	J	190	27	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Pyrene	150	J	190	38	ug/Kg	☼	10/31/19 17:47	11/04/19 13:53	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		43 - 145				10/31/19 17:47	11/04/19 13:53	5
Nitrobenzene-d5 (Surr)	50		37 - 147				10/31/19 17:47	11/04/19 13:53	5
Terphenyl-d14 (Surr)	104		42 - 157				10/31/19 17:47	11/04/19 13:53	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		1.0	0.34	mg/Kg	☼	10/31/19 17:38	11/04/19 14:12	1
Barium	78	B	1.0	0.11	mg/Kg	☼	10/31/19 17:38	11/02/19 01:53	1
Cadmium	0.30	B	0.20	0.036	mg/Kg	☼	10/31/19 17:38	11/02/19 01:53	1
Chromium	16	B	1.0	0.49	mg/Kg	☼	10/31/19 17:38	11/02/19 01:53	1
Lead	26	^	0.50	0.23	mg/Kg	☼	10/31/19 17:38	11/02/19 01:53	1
Selenium	<0.59		1.0	0.59	mg/Kg	☼	10/31/19 17:38	11/02/19 01:53	1
Silver	4.6		0.50	0.13	mg/Kg	☼	10/31/19 17:38	11/04/19 14:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.018	0.0059	mg/Kg	☼	10/30/19 15:05	10/31/19 10:19	1

Client Sample ID: TW1

Lab Sample ID: 500-172312-17

Date Collected: 10/23/19 12:55

Matrix: Water

Date Received: 10/24/19 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/04/19 19:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/04/19 19:45	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/04/19 19:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/04/19 19:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/04/19 19:45	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/04/19 19:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/04/19 19:45	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/04/19 19:45	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/04/19 19:45	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/04/19 19:45	1
1,2,4-Trimethylbenzene	0.63	J B	1.0	0.36	ug/L			11/04/19 19:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/04/19 19:45	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW1

Lab Sample ID: 500-172312-17

Date Collected: 10/23/19 12:55

Matrix: Water

Date Received: 10/24/19 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/04/19 19:45	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/04/19 19:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/04/19 19:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/04/19 19:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/04/19 19:45	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/04/19 19:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/04/19 19:45	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/04/19 19:45	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/04/19 19:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/04/19 19:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/04/19 19:45	1
Benzene	<0.15		0.50	0.15	ug/L			11/04/19 19:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/04/19 19:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/04/19 19:45	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/04/19 19:45	1
Bromoform	<0.48		1.0	0.48	ug/L			11/04/19 19:45	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/04/19 19:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/04/19 19:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/04/19 19:45	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/04/19 19:45	1
Chloroform	<0.37		2.0	0.37	ug/L			11/04/19 19:45	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/04/19 19:45	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/04/19 19:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/04/19 19:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/04/19 19:45	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/04/19 19:45	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/04/19 19:45	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/04/19 19:45	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/04/19 19:45	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/04/19 19:45	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/04/19 19:45	1
Methyl tert-butyl ether	<0.39 *		1.0	0.39	ug/L			11/04/19 19:45	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/04/19 19:45	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/04/19 19:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/04/19 19:45	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/04/19 19:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/04/19 19:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 19:45	1
Styrene	<0.39		1.0	0.39	ug/L			11/04/19 19:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 19:45	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/04/19 19:45	1
Toluene	0.79		0.50	0.15	ug/L			11/04/19 19:45	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/04/19 19:45	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/04/19 19:45	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/04/19 19:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/04/19 19:45	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/04/19 19:45	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/04/19 19:45	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW1

Lab Sample ID: 500-172312-17

Date Collected: 10/23/19 12:55

Matrix: Water

Date Received: 10/24/19 09:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 126		11/04/19 19:45	1
4-Bromofluorobenzene (Surr)	100		72 - 124		11/04/19 19:45	1
Dibromofluoromethane	112		75 - 120		11/04/19 19:45	1
Toluene-d8 (Surr)	98		75 - 120		11/04/19 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<1.3		8.3	1.3	ug/L		10/30/19 08:16	10/31/19 21:50	5
2-Methylnaphthalene	<0.27		8.3	0.27	ug/L		10/30/19 08:16	10/31/19 21:50	5
Acenaphthene	<1.3		4.2	1.3	ug/L		10/30/19 08:16	10/31/19 21:50	5
Acenaphthylene	<1.1		4.2	1.1	ug/L		10/30/19 08:16	10/31/19 21:50	5
Anthracene	<1.4		4.2	1.4	ug/L		10/30/19 08:16	10/31/19 21:50	5
Benzo[a]anthracene	3.2		0.83	0.24	ug/L		10/30/19 08:16	10/31/19 21:50	5
Benzo[a]pyrene	3.4		0.83	0.41	ug/L		10/30/19 08:16	10/31/19 21:50	5
Benzo[b]fluoranthene	3.8		0.83	0.34	ug/L		10/30/19 08:16	10/31/19 21:50	5
Benzo[g,h,i]perylene	2.6 J		4.2	1.6	ug/L		10/30/19 08:16	10/31/19 21:50	5
Benzo[k]fluoranthene	2.2		0.83	0.27	ug/L		10/30/19 08:16	10/31/19 21:50	5
Chrysene	3.1		0.83	0.28	ug/L		10/30/19 08:16	10/31/19 21:50	5
Dibenz(a,h)anthracene	<0.21		1.2	0.21	ug/L		10/30/19 08:16	10/31/19 21:50	5
Fluoranthene	5.0		4.2	1.9	ug/L		10/30/19 08:16	10/31/19 21:50	5
Fluorene	<1.0		4.2	1.0	ug/L		10/30/19 08:16	10/31/19 21:50	5
Indeno[1,2,3-cd]pyrene	2.6		0.83	0.31	ug/L		10/30/19 08:16	10/31/19 21:50	5
Naphthalene	<1.3		4.2	1.3	ug/L		10/30/19 08:16	10/31/19 21:50	5
Phenanthrene	2.6 J		4.2	1.3	ug/L		10/30/19 08:16	10/31/19 21:50	5
Pyrene	4.5		4.2	1.8	ug/L		10/30/19 08:16	10/31/19 21:50	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		34 - 110	10/30/19 08:16	10/31/19 21:50	5
Nitrobenzene-d5 (Surr)	40		36 - 120	10/30/19 08:16	10/31/19 21:50	5
Terphenyl-d14 (Surr)	65		40 - 145	10/30/19 08:16	10/31/19 21:50	5

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0019		0.0010	0.00023	mg/L		10/31/19 16:48	11/01/19 15:10	1
Barium	0.051		0.0025	0.00073	mg/L		10/31/19 16:48	11/01/19 15:10	1
Cadmium	<0.00017		0.00050	0.00017	mg/L		10/31/19 16:48	11/01/19 15:10	1
Chromium	0.012		0.0050	0.0011	mg/L		10/31/19 16:48	11/01/19 15:10	1
Lead	0.0023		0.00050	0.00019	mg/L		10/31/19 16:48	11/01/19 15:10	1
Selenium	0.0013 J		0.0025	0.00098	mg/L		10/31/19 16:48	11/01/19 15:10	1
Silver	<0.00012		0.00050	0.00012	mg/L		10/31/19 16:48	11/01/19 15:10	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000098		0.00020	0.000098	mg/L		10/29/19 09:55	10/30/19 08:36	1

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW2

Lab Sample ID: 500-172312-18

Date Collected: 10/23/19 13:15

Matrix: Water

Date Received: 10/24/19 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/04/19 20:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/04/19 20:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/04/19 20:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/04/19 20:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/04/19 20:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/04/19 20:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/04/19 20:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/04/19 20:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/04/19 20:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/04/19 20:13	1
1,2,4-Trimethylbenzene	0.63	J B	1.0	0.36	ug/L			11/04/19 20:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/04/19 20:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/04/19 20:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/04/19 20:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/04/19 20:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/04/19 20:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/04/19 20:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/04/19 20:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/04/19 20:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/04/19 20:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/04/19 20:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/04/19 20:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/04/19 20:13	1
Benzene	<0.15		0.50	0.15	ug/L			11/04/19 20:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/04/19 20:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/04/19 20:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/04/19 20:13	1
Bromoform	<0.48		1.0	0.48	ug/L			11/04/19 20:13	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/04/19 20:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/04/19 20:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/04/19 20:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/04/19 20:13	1
Chloroform	0.41	J	2.0	0.37	ug/L			11/04/19 20:13	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/04/19 20:13	1
cis-1,2-Dichloroethene	0.74	J	1.0	0.41	ug/L			11/04/19 20:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/04/19 20:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/04/19 20:13	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/04/19 20:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/04/19 20:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/04/19 20:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/04/19 20:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/04/19 20:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/04/19 20:13	1
Methyl tert-butyl ether	<0.39	*	1.0	0.39	ug/L			11/04/19 20:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/04/19 20:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/04/19 20:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/04/19 20:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/04/19 20:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/04/19 20:13	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW2

Lab Sample ID: 500-172312-18

Date Collected: 10/23/19 13:15

Matrix: Water

Date Received: 10/24/19 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 20:13	1
Styrene	<0.39		1.0	0.39	ug/L			11/04/19 20:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 20:13	1
Tetrachloroethene	4.2		1.0	0.37	ug/L			11/04/19 20:13	1
Toluene	0.26 J		0.50	0.15	ug/L			11/04/19 20:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/04/19 20:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/04/19 20:13	1
Trichloroethene	0.41 J		0.50	0.16	ug/L			11/04/19 20:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/04/19 20:13	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/04/19 20:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/04/19 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 126					11/04/19 20:13	1
4-Bromofluorobenzene (Surr)	97		72 - 124					11/04/19 20:13	1
Dibromofluoromethane	112		75 - 120					11/04/19 20:13	1
Toluene-d8 (Surr)	99		75 - 120					11/04/19 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.26		1.7	0.26	ug/L		10/30/19 08:16	10/30/19 23:11	1
2-Methylnaphthalene	<0.056		1.7	0.056	ug/L		10/30/19 08:16	10/30/19 23:11	1
Acenaphthene	<0.27		0.86	0.27	ug/L		10/30/19 08:16	10/30/19 23:11	1
Acenaphthylene	<0.23		0.86	0.23	ug/L		10/30/19 08:16	10/30/19 23:11	1
Anthracene	<0.29		0.86	0.29	ug/L		10/30/19 08:16	10/30/19 23:11	1
Benzo[a]anthracene	<0.049		0.17	0.049	ug/L		10/30/19 08:16	10/30/19 23:11	1
Benzo[a]pyrene	<0.085		0.17	0.085	ug/L		10/30/19 08:16	10/30/19 23:11	1
Benzo[b]fluoranthene	<0.069		0.17	0.069	ug/L		10/30/19 08:16	10/30/19 23:11	1
Benzo[g,h,i]perylene	<0.32		0.86	0.32	ug/L		10/30/19 08:16	10/30/19 23:11	1
Benzo[k]fluoranthene	<0.055		0.17	0.055	ug/L		10/30/19 08:16	10/30/19 23:11	1
Chrysene	<0.059		0.17	0.059	ug/L		10/30/19 08:16	10/30/19 23:11	1
Dibenz(a,h)anthracene	<0.044		0.26	0.044	ug/L		10/30/19 08:16	10/30/19 23:11	1
Fluoranthene	<0.39		0.86	0.39	ug/L		10/30/19 08:16	10/30/19 23:11	1
Fluorene	<0.21		0.86	0.21	ug/L		10/30/19 08:16	10/30/19 23:11	1
Indeno[1,2,3-cd]pyrene	<0.064		0.17	0.064	ug/L		10/30/19 08:16	10/30/19 23:11	1
Naphthalene	<0.27		0.86	0.27	ug/L		10/30/19 08:16	10/30/19 23:11	1
Phenanthrene	<0.26		0.86	0.26	ug/L		10/30/19 08:16	10/30/19 23:11	1
Pyrene	<0.37		0.86	0.37	ug/L		10/30/19 08:16	10/30/19 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		34 - 110				10/30/19 08:16	10/30/19 23:11	1
Nitrobenzene-d5 (Surr)	55		36 - 120				10/30/19 08:16	10/30/19 23:11	1
Terphenyl-d14 (Surr)	82		40 - 145				10/30/19 08:16	10/30/19 23:11	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0039		0.0010	0.00023	mg/L		10/31/19 16:48	11/01/19 15:14	1
Barium	0.096		0.0025	0.00073	mg/L		10/31/19 16:48	11/01/19 15:14	1
Cadmium	<0.00017		0.00050	0.00017	mg/L		10/31/19 16:48	11/01/19 15:14	1
Chromium	0.0080		0.0050	0.0011	mg/L		10/31/19 16:48	11/01/19 15:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW2

Date Collected: 10/23/19 13:15

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-18

Matrix: Water

Method: 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0030		0.00050	0.00019	mg/L		10/31/19 16:48	11/01/19 15:14	1
Selenium	0.0017	J	0.0025	0.00098	mg/L		10/31/19 16:48	11/01/19 15:14	1
Silver	<0.00012		0.00050	0.00012	mg/L		10/31/19 16:48	11/01/19 15:14	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000098		0.00020	0.000098	mg/L		10/29/19 09:55	10/30/19 08:38	1

Client Sample ID: TW3

Date Collected: 10/23/19 13:35

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-19

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/04/19 20:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/04/19 20:41	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/04/19 20:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/04/19 20:41	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/04/19 20:41	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/04/19 20:41	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/04/19 20:41	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/04/19 20:41	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/04/19 20:41	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/04/19 20:41	1
1,2,4-Trimethylbenzene	0.68	J B	1.0	0.36	ug/L			11/04/19 20:41	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/04/19 20:41	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/04/19 20:41	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/04/19 20:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/04/19 20:41	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/04/19 20:41	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/04/19 20:41	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/04/19 20:41	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/04/19 20:41	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/04/19 20:41	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/04/19 20:41	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/04/19 20:41	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/04/19 20:41	1
Benzene	<0.15		0.50	0.15	ug/L			11/04/19 20:41	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/04/19 20:41	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/04/19 20:41	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/04/19 20:41	1
Bromoform	<0.48		1.0	0.48	ug/L			11/04/19 20:41	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/04/19 20:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/04/19 20:41	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/04/19 20:41	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/04/19 20:41	1
Chloroform	<0.37		2.0	0.37	ug/L			11/04/19 20:41	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/04/19 20:41	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/04/19 20:41	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/04/19 20:41	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW3

Lab Sample ID: 500-172312-19

Date Collected: 10/23/19 13:35

Matrix: Water

Date Received: 10/24/19 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/04/19 20:41	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/04/19 20:41	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/04/19 20:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/04/19 20:41	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/04/19 20:41	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/04/19 20:41	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/04/19 20:41	1
Methyl tert-butyl ether	<0.39	*	1.0	0.39	ug/L			11/04/19 20:41	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/04/19 20:41	1
Naphthalene	0.63	J B	1.0	0.34	ug/L			11/04/19 20:41	1
n-Butylbenzene	0.50	J B	1.0	0.39	ug/L			11/04/19 20:41	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/04/19 20:41	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/04/19 20:41	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 20:41	1
Styrene	0.46	J B	1.0	0.39	ug/L			11/04/19 20:41	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 20:41	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/04/19 20:41	1
Toluene	<0.15		0.50	0.15	ug/L			11/04/19 20:41	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/04/19 20:41	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/04/19 20:41	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/04/19 20:41	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/04/19 20:41	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/04/19 20:41	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/04/19 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		75 - 126		11/04/19 20:41	1
4-Bromofluorobenzene (Surr)	102		72 - 124		11/04/19 20:41	1
Dibromofluoromethane	111		75 - 120		11/04/19 20:41	1
Toluene-d8 (Surr)	98		75 - 120		11/04/19 20:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.25		1.6	0.25	ug/L		10/30/19 08:16	10/30/19 23:35	1
2-Methylnaphthalene	<0.053		1.6	0.053	ug/L		10/30/19 08:16	10/30/19 23:35	1
Acenaphthene	<0.25		0.82	0.25	ug/L		10/30/19 08:16	10/30/19 23:35	1
Acenaphthylene	<0.22		0.82	0.22	ug/L		10/30/19 08:16	10/30/19 23:35	1
Anthracene	<0.27		0.82	0.27	ug/L		10/30/19 08:16	10/30/19 23:35	1
Benzo[a]anthracene	<0.046		0.16	0.046	ug/L		10/30/19 08:16	10/30/19 23:35	1
Benzo[a]pyrene	<0.081		0.16	0.081	ug/L		10/30/19 08:16	10/30/19 23:35	1
Benzo[b]fluoranthene	<0.066		0.16	0.066	ug/L		10/30/19 08:16	10/30/19 23:35	1
Benzo[g,h,i]perylene	<0.31		0.82	0.31	ug/L		10/30/19 08:16	10/30/19 23:35	1
Benzo[k]fluoranthene	<0.052		0.16	0.052	ug/L		10/30/19 08:16	10/30/19 23:35	1
Chrysene	<0.056		0.16	0.056	ug/L		10/30/19 08:16	10/30/19 23:35	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		10/30/19 08:16	10/30/19 23:35	1
Fluoranthene	<0.37		0.82	0.37	ug/L		10/30/19 08:16	10/30/19 23:35	1
Fluorene	<0.20		0.82	0.20	ug/L		10/30/19 08:16	10/30/19 23:35	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		10/30/19 08:16	10/30/19 23:35	1
Naphthalene	<0.25		0.82	0.25	ug/L		10/30/19 08:16	10/30/19 23:35	1
Phenanthrene	<0.25		0.82	0.25	ug/L		10/30/19 08:16	10/30/19 23:35	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW3

Lab Sample ID: 500-172312-19

Date Collected: 10/23/19 13:35

Matrix: Water

Date Received: 10/24/19 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.35		0.82	0.35	ug/L		10/30/19 08:16	10/30/19 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	48		34 - 110	10/30/19 08:16	10/30/19 23:35	1
Nitrobenzene-d5 (Surr)	46		36 - 120	10/30/19 08:16	10/30/19 23:35	1
Terphenyl-d14 (Surr)	80		40 - 145	10/30/19 08:16	10/30/19 23:35	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013		0.0010	0.00023	mg/L		10/31/19 16:48	11/01/19 15:18	1
Barium	0.17		0.0025	0.00073	mg/L		10/31/19 16:48	11/01/19 15:18	1
Cadmium	<0.00017		0.00050	0.00017	mg/L		10/31/19 16:48	11/01/19 15:18	1
Chromium	<0.0011		0.0050	0.0011	mg/L		10/31/19 16:48	11/01/19 15:18	1
Lead	0.0013		0.00050	0.00019	mg/L		10/31/19 16:48	11/01/19 15:18	1
Selenium	0.0018	J	0.0025	0.00098	mg/L		10/31/19 16:48	11/01/19 15:18	1
Silver	<0.00012		0.00050	0.00012	mg/L		10/31/19 16:48	11/01/19 15:18	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000098		0.00020	0.000098	mg/L		10/29/19 09:55	10/30/19 08:40	1

Client Sample ID: DUP3

Lab Sample ID: 500-172312-20

Date Collected: 10/23/19 13:37

Matrix: Water

Date Received: 10/24/19 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/04/19 21:09	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/04/19 21:09	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/04/19 21:09	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/04/19 21:09	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/04/19 21:09	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/04/19 21:09	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/04/19 21:09	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/04/19 21:09	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/04/19 21:09	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/04/19 21:09	1
1,2,4-Trimethylbenzene	0.68	J B	1.0	0.36	ug/L			11/04/19 21:09	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/04/19 21:09	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/04/19 21:09	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/04/19 21:09	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/04/19 21:09	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/04/19 21:09	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/04/19 21:09	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/04/19 21:09	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/04/19 21:09	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/04/19 21:09	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/04/19 21:09	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/04/19 21:09	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/04/19 21:09	1
Benzene	<0.15		0.50	0.15	ug/L			11/04/19 21:09	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: DUP3

Lab Sample ID: 500-172312-20

Date Collected: 10/23/19 13:37

Matrix: Water

Date Received: 10/24/19 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<0.36		1.0	0.36	ug/L			11/04/19 21:09	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/04/19 21:09	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/04/19 21:09	1
Bromoform	<0.48		1.0	0.48	ug/L			11/04/19 21:09	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/04/19 21:09	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/04/19 21:09	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/04/19 21:09	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/04/19 21:09	1
Chloroform	<0.37		2.0	0.37	ug/L			11/04/19 21:09	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/04/19 21:09	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/04/19 21:09	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/04/19 21:09	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/04/19 21:09	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/04/19 21:09	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/04/19 21:09	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/04/19 21:09	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/04/19 21:09	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/04/19 21:09	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/04/19 21:09	1
Methyl tert-butyl ether	<0.39 *		1.0	0.39	ug/L			11/04/19 21:09	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/04/19 21:09	1
Naphthalene	0.75	J B	1.0	0.34	ug/L			11/04/19 21:09	1
n-Butylbenzene	0.59	J B	1.0	0.39	ug/L			11/04/19 21:09	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/04/19 21:09	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/04/19 21:09	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 21:09	1
Styrene	<0.39		1.0	0.39	ug/L			11/04/19 21:09	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 21:09	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/04/19 21:09	1
Toluene	<0.15		0.50	0.15	ug/L			11/04/19 21:09	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/04/19 21:09	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/04/19 21:09	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/04/19 21:09	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/04/19 21:09	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/04/19 21:09	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/04/19 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		75 - 126		11/04/19 21:09	1
4-Bromofluorobenzene (Surr)	102		72 - 124		11/04/19 21:09	1
Dibromofluoromethane	110		75 - 120		11/04/19 21:09	1
Toluene-d8 (Surr)	99		75 - 120		11/04/19 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.25		1.7	0.25	ug/L		10/30/19 08:16	10/30/19 23:59	1
2-Methylnaphthalene	<0.054		1.7	0.054	ug/L		10/30/19 08:16	10/30/19 23:59	1
Acenaphthene	<0.26		0.83	0.26	ug/L		10/30/19 08:16	10/30/19 23:59	1
Acenaphthylene	<0.22		0.83	0.22	ug/L		10/30/19 08:16	10/30/19 23:59	1
Anthracene	<0.28		0.83	0.28	ug/L		10/30/19 08:16	10/30/19 23:59	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: DUP3

Lab Sample ID: 500-172312-20

Date Collected: 10/23/19 13:37

Matrix: Water

Date Received: 10/24/19 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.047		0.17	0.047	ug/L		10/30/19 08:16	10/30/19 23:59	1
Benzo[a]pyrene	<0.082		0.17	0.082	ug/L		10/30/19 08:16	10/30/19 23:59	1
Benzo[b]fluoranthene	<0.067		0.17	0.067	ug/L		10/30/19 08:16	10/30/19 23:59	1
Benzo[g,h,i]perylene	<0.31		0.83	0.31	ug/L		10/30/19 08:16	10/30/19 23:59	1
Benzo[k]fluoranthene	<0.053		0.17	0.053	ug/L		10/30/19 08:16	10/30/19 23:59	1
Chrysene	<0.056		0.17	0.056	ug/L		10/30/19 08:16	10/30/19 23:59	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		10/30/19 08:16	10/30/19 23:59	1
Fluoranthene	<0.38		0.83	0.38	ug/L		10/30/19 08:16	10/30/19 23:59	1
Fluorene	<0.20		0.83	0.20	ug/L		10/30/19 08:16	10/30/19 23:59	1
Indeno[1,2,3-cd]pyrene	<0.062		0.17	0.062	ug/L		10/30/19 08:16	10/30/19 23:59	1
Naphthalene	<0.26		0.83	0.26	ug/L		10/30/19 08:16	10/30/19 23:59	1
Phenanthrene	<0.25		0.83	0.25	ug/L		10/30/19 08:16	10/30/19 23:59	1
Pyrene	<0.35		0.83	0.35	ug/L		10/30/19 08:16	10/30/19 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		34 - 110	10/30/19 08:16	10/30/19 23:59	1
Nitrobenzene-d5 (Surr)	50		36 - 120	10/30/19 08:16	10/30/19 23:59	1
Terphenyl-d14 (Surr)	84		40 - 145	10/30/19 08:16	10/30/19 23:59	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013		0.0010	0.00023	mg/L		10/31/19 16:48	11/01/19 15:22	1
Barium	0.16		0.0025	0.00073	mg/L		10/31/19 16:48	11/01/19 15:22	1
Cadmium	<0.00017		0.00050	0.00017	mg/L		10/31/19 16:48	11/01/19 15:22	1
Chromium	<0.0011		0.0050	0.0011	mg/L		10/31/19 16:48	11/01/19 15:22	1
Lead	0.0010		0.00050	0.00019	mg/L		10/31/19 16:48	11/01/19 15:22	1
Selenium	0.0020 J		0.0025	0.00098	mg/L		10/31/19 16:48	11/01/19 15:22	1
Silver	<0.00012		0.00050	0.00012	mg/L		10/31/19 16:48	11/01/19 15:22	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000098		0.00020	0.000098	mg/L		10/29/19 09:55	10/30/19 08:41	1

Client Sample ID: Trip Blank (HCl)

Lab Sample ID: 500-172312-21

Date Collected: 10/23/19 00:00

Matrix: Water

Date Received: 10/24/19 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/04/19 21:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/04/19 21:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/04/19 21:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/04/19 21:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/04/19 21:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/04/19 21:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/04/19 21:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/04/19 21:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/04/19 21:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/04/19 21:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/04/19 21:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/04/19 21:36	1

Eurolins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: Trip Blank (HCI)

Lab Sample ID: 500-172312-21

Date Collected: 10/23/19 00:00

Matrix: Water

Date Received: 10/24/19 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/04/19 21:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/04/19 21:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/04/19 21:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/04/19 21:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/04/19 21:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/04/19 21:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/04/19 21:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/04/19 21:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/04/19 21:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/04/19 21:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/04/19 21:36	1
Benzene	<0.15		0.50	0.15	ug/L			11/04/19 21:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/04/19 21:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/04/19 21:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/04/19 21:36	1
Bromoform	<0.48		1.0	0.48	ug/L			11/04/19 21:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/04/19 21:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/04/19 21:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/04/19 21:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/04/19 21:36	1
Chloroform	<0.37		2.0	0.37	ug/L			11/04/19 21:36	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/04/19 21:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/04/19 21:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/04/19 21:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/04/19 21:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/04/19 21:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/04/19 21:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/04/19 21:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/04/19 21:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/04/19 21:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/04/19 21:36	1
Methyl tert-butyl ether	<0.39 *		1.0	0.39	ug/L			11/04/19 21:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/04/19 21:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/04/19 21:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/04/19 21:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/04/19 21:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/04/19 21:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 21:36	1
Styrene	<0.39		1.0	0.39	ug/L			11/04/19 21:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 21:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/04/19 21:36	1
Toluene	<0.15		0.50	0.15	ug/L			11/04/19 21:36	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/04/19 21:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/04/19 21:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/04/19 21:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/04/19 21:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/04/19 21:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/04/19 21:36	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: Trip Blank (HCl)

Date Collected: 10/23/19 00:00

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-21

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		75 - 126		11/04/19 21:36	1
4-Bromofluorobenzene (Surr)	99		72 - 124		11/04/19 21:36	1
Dibromofluoromethane	111		75 - 120		11/04/19 21:36	1
Toluene-d8 (Surr)	99		75 - 120		11/04/19 21:36	1

Client Sample ID: Trip Blank (MeOH)

Date Collected: 10/23/19 00:00

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-22

Matrix: Solid

Percent Solids: 100.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,1-Dichloroethane	<21		50	21	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,1-Dichloroethene	<20		50	20	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,1-Dichloropropene	<15		50	15	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,2,3-Trichloropropane	410		100	21	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,2-Dibromoethane	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,2-Dichloroethane	<20		50	20	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,2-Dichloropropane	<21		50	21	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,3-Dichloropropane	<18		50	18	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
2,2-Dichloropropane	<22		50	22	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
2-Chlorotoluene	<16		50	16	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
4-Chlorotoluene	<18		50	18	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Benzene	<7.3		13	7.3	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Bromobenzene	<18		50	18	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Bromochloromethane	<21		50	21	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Bromodichloromethane	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Bromoform	<24		50	24	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Bromomethane	<40		150	40	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Carbon tetrachloride	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Chlorobenzene	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Chloroethane	<25		50	25	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Chloroform	<19		100	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Chloromethane	<16		50	16	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Dibromochloromethane	<24		50	24	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Dibromomethane	<14		50	14	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Dichlorodifluoromethane	<34		150	34	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: Trip Blank (MeOH)

Lab Sample ID: 500-172312-22

Date Collected: 10/23/19 00:00

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 100.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<9.2		13	9.2	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Hexachlorobutadiene	<22		50	22	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Isopropyl ether	<14		50	14	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Isopropylbenzene	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Methyl tert-butyl ether	<20		50	20	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Methylene Chloride	<82		250	82	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Naphthalene	<17		50	17	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
n-Butylbenzene	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
N-Propylbenzene	<21		50	21	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
p-Isopropyltoluene	<18		50	18	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
sec-Butylbenzene	<20		50	20	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Styrene	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
tert-Butylbenzene	<20		50	20	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Tetrachloroethene	<19		50	19	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Toluene	<7.4		13	7.4	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Trichloroethene	<8.2		25	8.2	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Trichlorofluoromethane	<21		50	21	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Vinyl chloride	<13		50	13	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50
Xylenes, Total	<11		25	11	ug/Kg	☼	10/23/19 00:00	11/04/19 19:08	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	10/23/19 00:00	11/04/19 19:08	50
4-Bromofluorobenzene (Surr)	95		72 - 124	10/23/19 00:00	11/04/19 19:08	50
Dibromofluoromethane	99		75 - 120	10/23/19 00:00	11/04/19 19:08	50
Toluene-d8 (Surr)	97		75 - 120	10/23/19 00:00	11/04/19 19:08	50

Definitions/Glossary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
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
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.
F3	Duplicate RPD exceeds the control limit
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

GC/MS VOA

Prep Batch: 512141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-1	TW1 5-7.5	Total/NA	Solid	5035	
500-172312-3	TW2 5-7.5	Total/NA	Solid	5035	
500-172312-5	TW3 0-1	Total/NA	Solid	5035	
500-172312-7	DUP1	Total/NA	Solid	5035	
500-172312-9	SB1 0-2.5	Total/NA	Solid	5035	
500-172312-10	SB2 0-2.5	Total/NA	Solid	5035	
500-172312-13	SB3 5-7.5	Total/NA	Solid	5035	
500-172312-14	SB4 0-2.5	Total/NA	Solid	5035	
500-172312-15	SB5 0-2.5	Total/NA	Solid	5035	
500-172312-16	SB6 0-2.5	Total/NA	Solid	5035	
500-172312-22	Trip Blank (MeOH)	Total/NA	Solid	5035	

Analysis Batch: 513355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-1	TW1 5-7.5	Total/NA	Solid	8260B	512141
500-172312-3	TW2 5-7.5	Total/NA	Solid	8260B	512141
500-172312-5	TW3 0-1	Total/NA	Solid	8260B	512141
500-172312-7	DUP1	Total/NA	Solid	8260B	512141
500-172312-9	SB1 0-2.5	Total/NA	Solid	8260B	512141
500-172312-10	SB2 0-2.5	Total/NA	Solid	8260B	512141
500-172312-13	SB3 5-7.5	Total/NA	Solid	8260B	512141
500-172312-14	SB4 0-2.5	Total/NA	Solid	8260B	512141
500-172312-15	SB5 0-2.5	Total/NA	Solid	8260B	512141
500-172312-16	SB6 0-2.5	Total/NA	Solid	8260B	512141
500-172312-22	Trip Blank (MeOH)	Total/NA	Solid	8260B	512141
MB 500-513355/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-513355/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 513383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-17	TW1	Total/NA	Water	8260B	
500-172312-18	TW2	Total/NA	Water	8260B	
500-172312-19	TW3	Total/NA	Water	8260B	
500-172312-20	DUP3	Total/NA	Water	8260B	
500-172312-21	Trip Blank (HCl)	Total/NA	Water	8260B	
MB 500-513383/10	Method Blank	Total/NA	Water	8260B	
LCS 500-513383/28	Lab Control Sample	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 512612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-17	TW1	Total/NA	Water	3510C	
500-172312-18	TW2	Total/NA	Water	3510C	
500-172312-19	TW3	Total/NA	Water	3510C	
500-172312-20	DUP3	Total/NA	Water	3510C	
MB 500-512612/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-512612/2-A	Lab Control Sample	Total/NA	Water	3510C	

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

GC/MS Semi VOA

Analysis Batch: 512739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-18	TW2	Total/NA	Water	8270D	512612
500-172312-19	TW3	Total/NA	Water	8270D	512612
500-172312-20	DUP3	Total/NA	Water	8270D	512612
MB 500-512612/1-A	Method Blank	Total/NA	Water	8270D	512612
LCS 500-512612/2-A	Lab Control Sample	Total/NA	Water	8270D	512612

Analysis Batch: 512971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-17	TW1	Total/NA	Water	8270D	512612

Prep Batch: 513007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-2	TW1 2.5-5	Total/NA	Solid	3541	
500-172312-4	TW2 0-2.5	Total/NA	Solid	3541	
500-172312-6	TW3 3-5	Total/NA	Solid	3541	
500-172312-8	DUP2	Total/NA	Solid	3541	
500-172312-9	SB1 0-2.5	Total/NA	Solid	3541	
500-172312-11	SB2 2.5-5	Total/NA	Solid	3541	
500-172312-12	SB3 0-1	Total/NA	Solid	3541	
500-172312-14	SB4 0-2.5	Total/NA	Solid	3541	
500-172312-15	SB5 0-2.5	Total/NA	Solid	3541	
500-172312-16	SB6 0-2.5	Total/NA	Solid	3541	
MB 500-513007/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-513007/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-172312-4 MS	TW2 0-2.5	Total/NA	Solid	3541	
500-172312-4 MSD	TW2 0-2.5	Total/NA	Solid	3541	

Analysis Batch: 513058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-513007/1-A	Method Blank	Total/NA	Solid	8270D	513007
LCS 500-513007/2-A	Lab Control Sample	Total/NA	Solid	8270D	513007

Analysis Batch: 513064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-2	TW1 2.5-5	Total/NA	Solid	8270D	513007
500-172312-4	TW2 0-2.5	Total/NA	Solid	8270D	513007
500-172312-8	DUP2	Total/NA	Solid	8270D	513007
500-172312-9	SB1 0-2.5	Total/NA	Solid	8270D	513007
500-172312-11	SB2 2.5-5	Total/NA	Solid	8270D	513007
500-172312-12	SB3 0-1	Total/NA	Solid	8270D	513007
500-172312-14	SB4 0-2.5	Total/NA	Solid	8270D	513007
500-172312-4 MS	TW2 0-2.5	Total/NA	Solid	8270D	513007
500-172312-4 MSD	TW2 0-2.5	Total/NA	Solid	8270D	513007

Analysis Batch: 513430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-6	TW3 3-5	Total/NA	Solid	8270D	513007
500-172312-16	SB6 0-2.5	Total/NA	Solid	8270D	513007

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

GC/MS Semi VOA

Analysis Batch: 513604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-15	SB5 0-2.5	Total/NA	Solid	8270D	513007

Metals

Prep Batch: 512443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-17	TW1	Dissolved	Water	7470A	
500-172312-18	TW2	Dissolved	Water	7470A	
500-172312-19	TW3	Dissolved	Water	7470A	
500-172312-20	DUP3	Dissolved	Water	7470A	
MB 500-512443/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-512443/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 512688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-2	TW1 2.5-5	Total/NA	Solid	7471B	
500-172312-4	TW2 0-2.5	Total/NA	Solid	7471B	
500-172312-6	TW3 3-5	Total/NA	Solid	7471B	
500-172312-8	DUP2	Total/NA	Solid	7471B	
500-172312-9	SB1 0-2.5	Total/NA	Solid	7471B	
500-172312-11	SB2 2.5-5	Total/NA	Solid	7471B	
500-172312-12	SB3 0-1	Total/NA	Solid	7471B	
500-172312-14	SB4 0-2.5	Total/NA	Solid	7471B	
500-172312-15	SB5 0-2.5	Total/NA	Solid	7471B	
500-172312-16	SB6 0-2.5	Total/NA	Solid	7471B	
MB 500-512688/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-512688/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-172312-4 MS	TW2 0-2.5	Total/NA	Solid	7471B	
500-172312-4 MSD	TW2 0-2.5	Total/NA	Solid	7471B	
500-172312-4 DU	TW2 0-2.5	Total/NA	Solid	7471B	

Analysis Batch: 512707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-17	TW1	Dissolved	Water	7470A	512443
500-172312-18	TW2	Dissolved	Water	7470A	512443
500-172312-19	TW3	Dissolved	Water	7470A	512443
500-172312-20	DUP3	Dissolved	Water	7470A	512443
MB 500-512443/12-A	Method Blank	Total/NA	Water	7470A	512443
LCS 500-512443/13-A	Lab Control Sample	Total/NA	Water	7470A	512443

Analysis Batch: 512924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-2	TW1 2.5-5	Total/NA	Solid	7471B	512688
500-172312-4	TW2 0-2.5	Total/NA	Solid	7471B	512688
500-172312-6	TW3 3-5	Total/NA	Solid	7471B	512688
500-172312-8	DUP2	Total/NA	Solid	7471B	512688
500-172312-9	SB1 0-2.5	Total/NA	Solid	7471B	512688
500-172312-11	SB2 2.5-5	Total/NA	Solid	7471B	512688
500-172312-12	SB3 0-1	Total/NA	Solid	7471B	512688
500-172312-14	SB4 0-2.5	Total/NA	Solid	7471B	512688
500-172312-15	SB5 0-2.5	Total/NA	Solid	7471B	512688

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Metals (Continued)

Analysis Batch: 512924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-16	SB6 0-2.5	Total/NA	Solid	7471B	512688
MB 500-512688/12-A	Method Blank	Total/NA	Solid	7471B	512688
LCS 500-512688/13-A	Lab Control Sample	Total/NA	Solid	7471B	512688
500-172312-4 MS	TW2 0-2.5	Total/NA	Solid	7471B	512688
500-172312-4 MSD	TW2 0-2.5	Total/NA	Solid	7471B	512688
500-172312-4 DU	TW2 0-2.5	Total/NA	Solid	7471B	512688

Prep Batch: 513000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-17	TW1	Dissolved	Water	3005A	
500-172312-18	TW2	Dissolved	Water	3005A	
500-172312-19	TW3	Dissolved	Water	3005A	
500-172312-20	DUP3	Dissolved	Water	3005A	
MB 500-513000/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-513000/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 513006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-2	TW1 2.5-5	Total/NA	Solid	3050B	
500-172312-4	TW2 0-2.5	Total/NA	Solid	3050B	
500-172312-6	TW3 3-5	Total/NA	Solid	3050B	
500-172312-8	DUP2	Total/NA	Solid	3050B	
500-172312-9	SB1 0-2.5	Total/NA	Solid	3050B	
500-172312-11	SB2 2.5-5	Total/NA	Solid	3050B	
500-172312-12	SB3 0-1	Total/NA	Solid	3050B	
500-172312-14	SB4 0-2.5	Total/NA	Solid	3050B	
500-172312-15	SB5 0-2.5	Total/NA	Solid	3050B	
500-172312-16	SB6 0-2.5	Total/NA	Solid	3050B	
MB 500-513006/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-513006/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-172312-4 MS	TW2 0-2.5	Total/NA	Solid	3050B	
500-172312-4 MSD	TW2 0-2.5	Total/NA	Solid	3050B	
500-172312-4 DU	TW2 0-2.5	Total/NA	Solid	3050B	

Analysis Batch: 513330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-2	TW1 2.5-5	Total/NA	Solid	6010C	513006
500-172312-4	TW2 0-2.5	Total/NA	Solid	6010C	513006
500-172312-6	TW3 3-5	Total/NA	Solid	6010C	513006
500-172312-8	DUP2	Total/NA	Solid	6010C	513006
500-172312-9	SB1 0-2.5	Total/NA	Solid	6010C	513006
500-172312-11	SB2 2.5-5	Total/NA	Solid	6010C	513006
500-172312-12	SB3 0-1	Total/NA	Solid	6010C	513006
500-172312-14	SB4 0-2.5	Total/NA	Solid	6010C	513006
500-172312-15	SB5 0-2.5	Total/NA	Solid	6010C	513006
500-172312-16	SB6 0-2.5	Total/NA	Solid	6010C	513006
MB 500-513006/1-A	Method Blank	Total/NA	Solid	6010C	513006
LCS 500-513006/2-A	Lab Control Sample	Total/NA	Solid	6010C	513006
500-172312-4 MS	TW2 0-2.5	Total/NA	Solid	6010C	513006
500-172312-4 MSD	TW2 0-2.5	Total/NA	Solid	6010C	513006
500-172312-4 DU	TW2 0-2.5	Total/NA	Solid	6010C	513006

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Metals

Analysis Batch: 513394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-17	TW1	Dissolved	Water	6020A	513000
500-172312-18	TW2	Dissolved	Water	6020A	513000
500-172312-19	TW3	Dissolved	Water	6020A	513000
500-172312-20	DUP3	Dissolved	Water	6020A	513000
MB 500-513000/1-A	Method Blank	Total Recoverable	Water	6020A	513000
LCS 500-513000/2-A	Lab Control Sample	Total Recoverable	Water	6020A	513000

Analysis Batch: 513473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-2	TW1 2.5-5	Total/NA	Solid	6010C	513006
500-172312-4	TW2 0-2.5	Total/NA	Solid	6010C	513006
500-172312-6	TW3 3-5	Total/NA	Solid	6010C	513006
500-172312-8	DUP2	Total/NA	Solid	6010C	513006
500-172312-9	SB1 0-2.5	Total/NA	Solid	6010C	513006
500-172312-11	SB2 2.5-5	Total/NA	Solid	6010C	513006
500-172312-12	SB3 0-1	Total/NA	Solid	6010C	513006
500-172312-14	SB4 0-2.5	Total/NA	Solid	6010C	513006
500-172312-15	SB5 0-2.5	Total/NA	Solid	6010C	513006
500-172312-16	SB6 0-2.5	Total/NA	Solid	6010C	513006
MB 500-513006/1-A	Method Blank	Total/NA	Solid	6010C	513006
LCS 500-513006/2-A	Lab Control Sample	Total/NA	Solid	6010C	513006
500-172312-4 MS	TW2 0-2.5	Total/NA	Solid	6010C	513006
500-172312-4 MSD	TW2 0-2.5	Total/NA	Solid	6010C	513006
500-172312-4 DU	TW2 0-2.5	Total/NA	Solid	6010C	513006

General Chemistry

Analysis Batch: 512234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-172312-1	TW1 5-7.5	Total/NA	Solid	Moisture	
500-172312-2	TW1 2.5-5	Total/NA	Solid	Moisture	
500-172312-3	TW2 5-7.5	Total/NA	Solid	Moisture	
500-172312-4	TW2 0-2.5	Total/NA	Solid	Moisture	
500-172312-5	TW3 0-1	Total/NA	Solid	Moisture	
500-172312-6	TW3 3-5	Total/NA	Solid	Moisture	
500-172312-7	DUP1	Total/NA	Solid	Moisture	
500-172312-8	DUP2	Total/NA	Solid	Moisture	
500-172312-9	SB1 0-2.5	Total/NA	Solid	Moisture	
500-172312-10	SB2 0-2.5	Total/NA	Solid	Moisture	
500-172312-11	SB2 2.5-5	Total/NA	Solid	Moisture	
500-172312-12	SB3 0-1	Total/NA	Solid	Moisture	
500-172312-13	SB3 5-7.5	Total/NA	Solid	Moisture	
500-172312-14	SB4 0-2.5	Total/NA	Solid	Moisture	
500-172312-15	SB5 0-2.5	Total/NA	Solid	Moisture	
500-172312-16	SB6 0-2.5	Total/NA	Solid	Moisture	
500-172312-22	Trip Blank (MeOH)	Total/NA	Solid	Moisture	
500-172312-8 DU	DUP2	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-172312-1	TW1 5-7.5	94	94	100	97
500-172312-3	TW2 5-7.5	96	95	99	97
500-172312-5	TW3 0-1	96	92	101	96
500-172312-7	DUP1	96	94	100	97
500-172312-9	SB1 0-2.5	96	91	100	98
500-172312-10	SB2 0-2.5	97	93	103	96
500-172312-13	SB3 5-7.5	96	95	101	98
500-172312-14	SB4 0-2.5	98	95	100	97
500-172312-15	SB5 0-2.5	98	95	99	98
500-172312-16	SB6 0-2.5	97	95	99	99
500-172312-22	Trip Blank (MeOH)	96	95	99	97
LCS 500-513355/4	Lab Control Sample	91	97	101	100
MB 500-513355/6	Method Blank	92	94	99	100

Surrogate Legend

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

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-172312-17	TW1	114	100	112	98
500-172312-18	TW2	116	97	112	99
500-172312-19	TW3	117	102	111	98
500-172312-20	DUP3	112	102	110	99
500-172312-21	Trip Blank (HCl)	113	99	111	99
LCS 500-513383/28	Lab Control Sample	110	95	105	101
MB 500-513383/10	Method Blank	113	99	109	100

Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-172312-2	TW1 2.5-5	93	59	102
500-172312-4	TW2 0-2.5	95	55	100
500-172312-4 MS	TW2 0-2.5	95	62	96
500-172312-4 MSD	TW2 0-2.5	103	68	103
500-172312-6	TW3 3-5	103	63	117

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Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-172312-8	DUP2	103	65	110
500-172312-9	SB1 0-2.5	97	58	107
500-172312-11	SB2 2.5-5	88	54	103
500-172312-12	SB3 0-1	80	47	103
500-172312-14	SB4 0-2.5	78	43	111
500-172312-15	SB5 0-2.5	79	44	93
500-172312-16	SB6 0-2.5	75	50	104
LCS 500-513007/2-A	Lab Control Sample	89	81	93
MB 500-513007/1-A	Method Blank	92	82	93

Surrogate Legend

FBP = 2-Fluorobiphenyl

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP (34-110)	NBZ (36-120)	TPHL (40-145)
500-172312-17	TW1	60	40	65
500-172312-18	TW2	63	55	82
500-172312-19	TW3	48	46	80
500-172312-20	DUP3	54	50	84
LCS 500-512612/2-A	Lab Control Sample	53	52	71
MB 500-512612/1-A	Method Blank	58	58	86

Surrogate Legend

FBP = 2-Fluorobiphenyl

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-513355/6
Matrix: Solid
Analysis Batch: 513355

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			11/04/19 10:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			11/04/19 10:34	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			11/04/19 10:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			11/04/19 10:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			11/04/19 10:34	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			11/04/19 10:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			11/04/19 10:34	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			11/04/19 10:34	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			11/04/19 10:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			11/04/19 10:34	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			11/04/19 10:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			11/04/19 10:34	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			11/04/19 10:34	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			11/04/19 10:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			11/04/19 10:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			11/04/19 10:34	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			11/04/19 10:34	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			11/04/19 10:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			11/04/19 10:34	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			11/04/19 10:34	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			11/04/19 10:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			11/04/19 10:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			11/04/19 10:34	1
Benzene	<0.15		0.25	0.15	ug/Kg			11/04/19 10:34	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			11/04/19 10:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			11/04/19 10:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			11/04/19 10:34	1
Bromoform	<0.48		1.0	0.48	ug/Kg			11/04/19 10:34	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			11/04/19 10:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			11/04/19 10:34	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			11/04/19 10:34	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			11/04/19 10:34	1
Chloroform	<0.37		2.0	0.37	ug/Kg			11/04/19 10:34	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			11/04/19 10:34	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			11/04/19 10:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			11/04/19 10:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			11/04/19 10:34	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			11/04/19 10:34	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			11/04/19 10:34	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			11/04/19 10:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			11/04/19 10:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			11/04/19 10:34	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			11/04/19 10:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			11/04/19 10:34	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			11/04/19 10:34	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			11/04/19 10:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			11/04/19 10:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			11/04/19 10:34	1

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QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: MB 500-513355/6
Matrix: Solid
Analysis Batch: 513355

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			11/04/19 10:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			11/04/19 10:34	1
Styrene	<0.39		1.0	0.39	ug/Kg			11/04/19 10:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			11/04/19 10:34	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			11/04/19 10:34	1
Toluene	<0.15		0.25	0.15	ug/Kg			11/04/19 10:34	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			11/04/19 10:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			11/04/19 10:34	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			11/04/19 10:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			11/04/19 10:34	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			11/04/19 10:34	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			11/04/19 10:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		11/04/19 10:34	1
4-Bromofluorobenzene (Surr)	94		72 - 124		11/04/19 10:34	1
Dibromofluoromethane	99		75 - 120		11/04/19 10:34	1
Toluene-d8 (Surr)	100		75 - 120		11/04/19 10:34	1

Lab Sample ID: LCS 500-513355/4
Matrix: Solid
Analysis Batch: 513355

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.4		ug/Kg		97	70 - 125
1,1,1-Trichloroethane	50.0	49.6		ug/Kg		99	70 - 125
1,1,1,2,2-Tetrachloroethane	50.0	45.5		ug/Kg		91	62 - 140
1,1,2-Trichloroethane	50.0	46.1		ug/Kg		92	71 - 130
1,1-Dichloroethane	50.0	49.2		ug/Kg		98	70 - 125
1,1-Dichloroethene	50.0	52.6		ug/Kg		105	67 - 122
1,1-Dichloropropene	50.0	49.3		ug/Kg		99	70 - 121
1,2,3-Trichlorobenzene	50.0	33.8		ug/Kg		68	51 - 145
1,2,3-Trichloropropane	50.0	47.2		ug/Kg		94	50 - 133
1,2,4-Trichlorobenzene	50.0	43.0		ug/Kg		86	57 - 137
1,2,4-Trimethylbenzene	50.0	50.2		ug/Kg		100	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	36.8		ug/Kg		74	56 - 123
1,2-Dibromoethane	50.0	46.3		ug/Kg		93	70 - 125
1,2-Dichlorobenzene	50.0	49.1		ug/Kg		98	70 - 125
1,2-Dichloroethane	50.0	44.5		ug/Kg		89	68 - 127
1,2-Dichloropropane	50.0	48.2		ug/Kg		96	67 - 130
1,3,5-Trimethylbenzene	50.0	50.2		ug/Kg		100	70 - 123
1,3-Dichlorobenzene	50.0	50.5		ug/Kg		101	70 - 125
1,3-Dichloropropane	50.0	45.4		ug/Kg		91	62 - 136
1,4-Dichlorobenzene	50.0	49.6		ug/Kg		99	70 - 120
2,2-Dichloropropane	50.0	46.3		ug/Kg		93	58 - 139
2-Chlorotoluene	50.0	48.9		ug/Kg		98	70 - 125
4-Chlorotoluene	50.0	49.5		ug/Kg		99	68 - 124
Benzene	50.0	49.3		ug/Kg		99	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: LCS 500-513355/4
Matrix: Solid
Analysis Batch: 513355

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	49.6		ug/Kg		99	70 - 122
Bromochloromethane	50.0	50.0		ug/Kg		100	65 - 122
Bromodichloromethane	50.0	45.7		ug/Kg		91	69 - 120
Bromoform	50.0	46.0		ug/Kg		92	56 - 132
Bromomethane	50.0	46.8		ug/Kg		94	40 - 152
Carbon tetrachloride	50.0	51.9		ug/Kg		104	59 - 133
Chlorobenzene	50.0	49.4		ug/Kg		99	70 - 120
Chloroethane	50.0	51.0		ug/Kg		102	48 - 136
Chloroform	50.0	46.2		ug/Kg		92	70 - 120
Chloromethane	50.0	45.5		ug/Kg		91	56 - 152
cis-1,2-Dichloroethene	50.0	50.0		ug/Kg		100	70 - 125
cis-1,3-Dichloropropene	50.0	45.6		ug/Kg		91	64 - 127
Dibromochloromethane	50.0	46.2		ug/Kg		92	68 - 125
Dibromomethane	50.0	47.9		ug/Kg		96	70 - 120
Dichlorodifluoromethane	50.0	42.4		ug/Kg		85	40 - 159
Ethylbenzene	50.0	50.0		ug/Kg		100	70 - 123
Hexachlorobutadiene	50.0	47.6		ug/Kg		95	51 - 150
Isopropylbenzene	50.0	50.6		ug/Kg		101	70 - 126
Methyl tert-butyl ether	50.0	44.6		ug/Kg		89	55 - 123
Methylene Chloride	50.0	50.1		ug/Kg		100	69 - 125
Naphthalene	50.0	35.2		ug/Kg		70	53 - 144
n-Butylbenzene	50.0	50.8		ug/Kg		102	68 - 125
N-Propylbenzene	50.0	50.4		ug/Kg		101	69 - 127
p-Isopropyltoluene	50.0	51.1		ug/Kg		102	70 - 125
sec-Butylbenzene	50.0	50.3		ug/Kg		101	70 - 123
Styrene	50.0	49.0		ug/Kg		98	70 - 120
tert-Butylbenzene	50.0	49.9		ug/Kg		100	70 - 121
Tetrachloroethene	50.0	51.9		ug/Kg		104	70 - 128
Toluene	50.0	49.3		ug/Kg		99	70 - 125
trans-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	70 - 125
trans-1,3-Dichloropropene	50.0	43.9		ug/Kg		88	62 - 128
Trichloroethene	50.0	51.5		ug/Kg		103	70 - 125
Trichlorofluoromethane	50.0	50.9		ug/Kg		102	55 - 128
Vinyl chloride	50.0	51.5		ug/Kg		103	64 - 126
Xylenes, Total	100	98.1		ug/Kg		98	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		75 - 126
4-Bromofluorobenzene (Surr)	97		72 - 124
Dibromofluoromethane	101		75 - 120
Toluene-d8 (Surr)	100		75 - 120

Lab Sample ID: MB 500-513383/10
Matrix: Water
Analysis Batch: 513383

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/04/19 13:44	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: MB 500-513383/10
Matrix: Water
Analysis Batch: 513383

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/04/19 13:44	1
1,1,1,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/04/19 13:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/04/19 13:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/04/19 13:44	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/04/19 13:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/04/19 13:44	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/04/19 13:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/04/19 13:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/04/19 13:44	1
1,2,4-Trimethylbenzene	0.660	J	1.0	0.36	ug/L			11/04/19 13:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/04/19 13:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/04/19 13:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/04/19 13:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/04/19 13:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/04/19 13:44	1
1,3,5-Trimethylbenzene	0.620	J	1.0	0.25	ug/L			11/04/19 13:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/04/19 13:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/04/19 13:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/04/19 13:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/04/19 13:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/04/19 13:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/04/19 13:44	1
Benzene	<0.15		0.50	0.15	ug/L			11/04/19 13:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/04/19 13:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/04/19 13:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/04/19 13:44	1
Bromoform	<0.48		1.0	0.48	ug/L			11/04/19 13:44	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/04/19 13:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/04/19 13:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/04/19 13:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/04/19 13:44	1
Chloroform	<0.37		2.0	0.37	ug/L			11/04/19 13:44	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/04/19 13:44	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/04/19 13:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/04/19 13:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/04/19 13:44	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/04/19 13:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/04/19 13:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/04/19 13:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/04/19 13:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/04/19 13:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/04/19 13:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/04/19 13:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/04/19 13:44	1
Naphthalene	0.772	J	1.0	0.34	ug/L			11/04/19 13:44	1
n-Butylbenzene	0.562	J	1.0	0.39	ug/L			11/04/19 13:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/04/19 13:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/04/19 13:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 13:44	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: MB 500-513383/10
Matrix: Water
Analysis Batch: 513383

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Styrene	0.487	J	1.0	0.39	ug/L			11/04/19 13:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/04/19 13:44	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/04/19 13:44	1
Toluene	<0.15		0.50	0.15	ug/L			11/04/19 13:44	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/04/19 13:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/04/19 13:44	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/04/19 13:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/04/19 13:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/04/19 13:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/04/19 13:44	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	113		75 - 126		11/04/19 13:44	1
4-Bromofluorobenzene (Surr)	99		72 - 124		11/04/19 13:44	1
Dibromofluoromethane	109		75 - 120		11/04/19 13:44	1
Toluene-d8 (Surr)	100		75 - 120		11/04/19 13:44	1

Lab Sample ID: LCS 500-513383/28
Matrix: Water
Analysis Batch: 513383

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	50.0	55.9		ug/L		112	70 - 125
1,1,2,2-Tetrachloroethane	50.0	50.5		ug/L		101	62 - 140
1,1,2-Trichloroethane	50.0	59.1		ug/L		118	71 - 130
1,1-Dichloroethane	50.0	53.7		ug/L		107	70 - 125
1,1-Dichloroethene	50.0	53.2		ug/L		106	67 - 122
1,1-Dichloropropene	50.0	54.9		ug/L		110	70 - 121
1,2,3-Trichlorobenzene	50.0	53.7		ug/L		107	51 - 145
1,2,3-Trichloropropane	50.0	50.7		ug/L		101	50 - 133
1,2,4-Trichlorobenzene	50.0	54.8		ug/L		110	57 - 137
1,2,4-Trimethylbenzene	50.0	48.2		ug/L		96	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	54.1		ug/L		108	56 - 123
1,2-Dibromoethane	50.0	60.3		ug/L		121	70 - 125
1,2-Dichlorobenzene	50.0	49.9		ug/L		100	70 - 125
1,2-Dichloroethane	50.0	54.9		ug/L		110	68 - 127
1,2-Dichloropropane	50.0	58.0		ug/L		116	67 - 130
1,3,5-Trimethylbenzene	50.0	46.5		ug/L		93	70 - 123
1,3-Dichlorobenzene	50.0	50.4		ug/L		101	70 - 125
1,3-Dichloropropane	50.0	59.3		ug/L		119	62 - 136
1,4-Dichlorobenzene	50.0	49.0		ug/L		98	70 - 120
2,2-Dichloropropane	50.0	59.3		ug/L		119	58 - 139
2-Chlorotoluene	50.0	51.5		ug/L		103	70 - 125
4-Chlorotoluene	50.0	52.5		ug/L		105	68 - 124
Benzene	50.0	53.9		ug/L		108	70 - 120
Bromobenzene	50.0	52.0		ug/L		104	70 - 122
Bromochloromethane	50.0	53.1		ug/L		106	65 - 122

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: LCS 500-513383/28
Matrix: Water
Analysis Batch: 513383

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	50.0	56.1		ug/L		112	69 - 120
Bromoform	50.0	65.6		ug/L		131	56 - 132
Bromomethane	50.0	41.0		ug/L		82	40 - 152
Carbon tetrachloride	50.0	55.1		ug/L		110	59 - 133
Chlorobenzene	50.0	52.6		ug/L		105	70 - 120
Chloroethane	50.0	47.4		ug/L		95	48 - 136
Chloroform	50.0	52.7		ug/L		105	70 - 120
Chloromethane	50.0	51.4		ug/L		103	56 - 152
cis-1,2-Dichloroethene	50.0	54.5		ug/L		109	70 - 125
cis-1,3-Dichloropropene	50.0	55.1		ug/L		110	64 - 127
Dibromochloromethane	50.0	58.7		ug/L		117	68 - 125
Dibromomethane	50.0	57.9		ug/L		116	70 - 120
Dichlorodifluoromethane	50.0	47.6		ug/L		95	40 - 159
Ethylbenzene	50.0	55.1		ug/L		110	70 - 123
Hexachlorobutadiene	50.0	56.7		ug/L		113	51 - 150
Isopropylbenzene	50.0	49.9		ug/L		100	70 - 126
Methyl tert-butyl ether	50.0	62.8	*	ug/L		126	55 - 123
Methylene Chloride	50.0	51.9		ug/L		104	69 - 125
Naphthalene	50.0	48.8		ug/L		98	53 - 144
n-Butylbenzene	50.0	48.1		ug/L		96	68 - 125
N-Propylbenzene	50.0	52.2		ug/L		104	69 - 127
p-Isopropyltoluene	50.0	52.4		ug/L		105	70 - 125
sec-Butylbenzene	50.0	51.0		ug/L		102	70 - 123
Styrene	50.0	51.0		ug/L		102	70 - 120
tert-Butylbenzene	50.0	45.5		ug/L		91	70 - 121
Tetrachloroethene	50.0	56.3		ug/L		113	70 - 128
Toluene	50.0	55.7		ug/L		111	70 - 125
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	70 - 125
trans-1,3-Dichloropropene	50.0	61.1		ug/L		122	62 - 128
Trichloroethene	50.0	50.4		ug/L		101	70 - 125
Trichlorofluoromethane	50.0	46.0		ug/L		92	55 - 128
Vinyl chloride	50.0	47.5		ug/L		95	64 - 126
Xylenes, Total	100	116		ug/L		116	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		75 - 126
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane	105		75 - 120
Toluene-d8 (Surr)	101		75 - 120

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

Lab Sample ID: MB 500-512612/1-A
Matrix: Water
Analysis Batch: 512739

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		10/30/19 08:16	10/30/19 20:46	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		10/30/19 08:16	10/30/19 20:46	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: MB 500-512612/1-A
Matrix: Water
Analysis Batch: 512739

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.80	0.25	ug/L		10/30/19 08:16	10/30/19 20:46	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		10/30/19 08:16	10/30/19 20:46	1
Anthracene	<0.27		0.80	0.27	ug/L		10/30/19 08:16	10/30/19 20:46	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		10/30/19 08:16	10/30/19 20:46	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		10/30/19 08:16	10/30/19 20:46	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		10/30/19 08:16	10/30/19 20:46	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		10/30/19 08:16	10/30/19 20:46	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		10/30/19 08:16	10/30/19 20:46	1
Chrysene	<0.055		0.16	0.055	ug/L		10/30/19 08:16	10/30/19 20:46	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		10/30/19 08:16	10/30/19 20:46	1
Fluoranthene	<0.36		0.80	0.36	ug/L		10/30/19 08:16	10/30/19 20:46	1
Fluorene	<0.20		0.80	0.20	ug/L		10/30/19 08:16	10/30/19 20:46	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		10/30/19 08:16	10/30/19 20:46	1
Naphthalene	<0.25		0.80	0.25	ug/L		10/30/19 08:16	10/30/19 20:46	1
Phenanthrene	<0.24		0.80	0.24	ug/L		10/30/19 08:16	10/30/19 20:46	1
Pyrene	<0.34		0.80	0.34	ug/L		10/30/19 08:16	10/30/19 20:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	58		34 - 110	10/30/19 08:16	10/30/19 20:46	1
Nitrobenzene-d5 (Surr)	58		36 - 120	10/30/19 08:16	10/30/19 20:46	1
Terphenyl-d14 (Surr)	86		40 - 145	10/30/19 08:16	10/30/19 20:46	1

Lab Sample ID: LCS 500-512612/2-A
Matrix: Water
Analysis Batch: 512739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512612

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1-Methylnaphthalene	32.0	14.8		ug/L		46	38 - 110
2-Methylnaphthalene	32.0	14.4		ug/L		45	34 - 110
Acenaphthene	32.0	17.5		ug/L		55	46 - 110
Acenaphthylene	32.0	18.2		ug/L		57	47 - 113
Anthracene	32.0	22.4		ug/L		70	67 - 118
Benzo[a]anthracene	32.0	24.2		ug/L		76	70 - 126
Benzo[a]pyrene	32.0	25.2		ug/L		79	70 - 135
Benzo[b]fluoranthene	32.0	24.7		ug/L		77	69 - 136
Benzo[g,h,i]perylene	32.0	27.0		ug/L		84	70 - 135
Benzo[k]fluoranthene	32.0	25.2		ug/L		79	70 - 133
Chrysene	32.0	25.3		ug/L		79	68 - 129
Dibenz(a,h)anthracene	32.0	26.4		ug/L		82	70 - 134
Fluoranthene	32.0	23.8		ug/L		74	68 - 126
Fluorene	32.0	19.8		ug/L		62	53 - 120
Indeno[1,2,3-cd]pyrene	32.0	26.5		ug/L		83	65 - 133
Naphthalene	32.0	14.3		ug/L		45	36 - 110
Phenanthrene	32.0	22.0		ug/L		69	65 - 120
Pyrene	32.0	23.1		ug/L		72	70 - 126

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	53		34 - 110

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: LCS 500-512612/2-A
Matrix: Water
Analysis Batch: 512739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512612

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	52		36 - 120
Terphenyl-d14 (Surr)	71		40 - 145

Lab Sample ID: MB 500-513007/1-A
Matrix: Solid
Analysis Batch: 513058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513007

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Acenaphthene	<6.0		33	6.0	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Anthracene	<5.6		33	5.6	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Chrysene	<9.1		33	9.1	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Fluoranthene	<6.2		33	6.2	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Fluorene	<4.7		33	4.7	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Naphthalene	<5.1		33	5.1	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Phenanthrene	<4.6		33	4.6	ug/Kg		10/31/19 17:47	11/01/19 12:41	1
Pyrene	<6.6		33	6.6	ug/Kg		10/31/19 17:47	11/01/19 12:41	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	92		43 - 145	10/31/19 17:47	11/01/19 12:41	1
Nitrobenzene-d5 (Surr)	82		37 - 147	10/31/19 17:47	11/01/19 12:41	1
Terphenyl-d14 (Surr)	93		42 - 157	10/31/19 17:47	11/01/19 12:41	1

Lab Sample ID: LCS 500-513007/2-A
Matrix: Solid
Analysis Batch: 513058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513007

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
1-Methylnaphthalene	1330	1170		ug/Kg		88	68 - 111
2-Methylnaphthalene	1330	1260		ug/Kg		95	69 - 112
Acenaphthene	1330	1190		ug/Kg		89	65 - 124
Acenaphthylene	1330	1180		ug/Kg		88	68 - 120
Anthracene	1330	1220		ug/Kg		91	70 - 114
Benzo[a]anthracene	1330	1250		ug/Kg		94	67 - 122
Benzo[a]pyrene	1330	1270		ug/Kg		95	65 - 133
Benzo[b]fluoranthene	1330	1210		ug/Kg		90	69 - 129
Benzo[g,h,i]perylene	1330	1330		ug/Kg		100	72 - 131
Benzo[k]fluoranthene	1330	1430		ug/Kg		107	68 - 127
Chrysene	1330	1220		ug/Kg		92	63 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: LCS 500-513007/2-A
Matrix: Solid
Analysis Batch: 513058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Dibenz(a,h)anthracene	1330	1320		ug/Kg		99	64 - 131	
Fluoranthene	1330	1260		ug/Kg		95	62 - 120	
Fluorene	1330	1170		ug/Kg		87	62 - 120	
Indeno[1,2,3-cd]pyrene	1330	1330		ug/Kg		100	68 - 130	
Naphthalene	1330	1160		ug/Kg		87	63 - 110	
Phenanthrene	1330	1210		ug/Kg		91	62 - 120	
Pyrene	1330	1300		ug/Kg		98	61 - 128	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	89		43 - 145
Nitrobenzene-d5 (Surr)	81		37 - 147
Terphenyl-d14 (Surr)	93		42 - 157

Lab Sample ID: 500-172312-4 MS
Matrix: Solid
Analysis Batch: 513064

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 513007

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
1-Methylnaphthalene	<9.3		1520	1300		ug/Kg	☼	86	68 - 111	
2-Methylnaphthalene	<7.0		1520	1480		ug/Kg	☼	97	69 - 112	
Acenaphthene	<6.9		1520	1390		ug/Kg	☼	91	65 - 124	
Acenaphthylene	<5.0		1520	1360		ug/Kg	☼	90	68 - 120	
Anthracene	<6.4		1520	1390		ug/Kg	☼	91	70 - 114	
Benzo[a]anthracene	<5.1		1520	1370		ug/Kg	☼	90	67 - 122	
Benzo[a]pyrene	14	J	1520	1350		ug/Kg	☼	88	65 - 133	
Benzo[b]fluoranthene	13	J	1520	1150		ug/Kg	☼	75	69 - 129	
Benzo[g,h,i]perylene	<12	F1	1520	1190		ug/Kg	☼	78	72 - 131	
Benzo[k]fluoranthene	<11		1520	1540		ug/Kg	☼	101	68 - 127	
Chrysene	12	J	1520	1490		ug/Kg	☼	98	63 - 120	
Dibenz(a,h)anthracene	<7.4		1520	1320		ug/Kg	☼	87	64 - 131	
Fluoranthene	16	J	1520	1400		ug/Kg	☼	91	62 - 120	
Fluorene	<5.4		1520	1470		ug/Kg	☼	97	62 - 120	
Indeno[1,2,3-cd]pyrene	11	J	1520	1280		ug/Kg	☼	84	68 - 130	
Naphthalene	<5.9		1520	1280		ug/Kg	☼	85	63 - 110	
Phenanthrene	9.9	J	1520	1340		ug/Kg	☼	88	62 - 120	
Pyrene	19	J	1520	1320		ug/Kg	☼	86	61 - 128	

Surrogate	MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	95		43 - 145
Nitrobenzene-d5 (Surr)	62		37 - 147
Terphenyl-d14 (Surr)	96		42 - 157

Lab Sample ID: 500-172312-4 MSD
Matrix: Solid
Analysis Batch: 513064

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 513007

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
									Limits		RPD	Limit
1-Methylnaphthalene	<9.3		1540	1480		ug/Kg	☼	96	68 - 111	13	30	

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: 500-172312-4 MSD

Matrix: Solid

Analysis Batch: 513064

Client Sample ID: TW2 0-2.5

Prep Type: Total/NA

Prep Batch: 513007

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier						
2-Methylnaphthalene	<7.0		1540	1590		ug/Kg	☼	103	69 - 112	8	30
Acenaphthene	<6.9		1540	1530		ug/Kg	☼	99	65 - 124	10	30
Acenaphthylene	<5.0		1540	1510		ug/Kg	☼	98	68 - 120	10	30
Anthracene	<6.4		1540	1530		ug/Kg	☼	99	70 - 114	10	30
Benzo[a]anthracene	<5.1		1540	1460		ug/Kg	☼	95	67 - 122	7	30
Benzo[a]pyrene	14	J	1540	1440		ug/Kg	☼	93	65 - 133	7	30
Benzo[b]fluoranthene	13	J	1540	1400		ug/Kg	☼	90	69 - 129	20	30
Benzo[g,h,i]perylene	<12	F1	1540	1090	F1	ug/Kg	☼	71	72 - 131	8	30
Benzo[k]fluoranthene	<11		1540	1570		ug/Kg	☼	102	68 - 127	2	30
Chrysene	12	J	1540	1590		ug/Kg	☼	102	63 - 120	6	30
Dibenz(a,h)anthracene	<7.4		1540	1300		ug/Kg	☼	84	64 - 131	2	30
Fluoranthene	16	J	1540	1530		ug/Kg	☼	98	62 - 120	9	30
Fluorene	<5.4		1540	1620		ug/Kg	☼	105	62 - 120	10	30
Indeno[1,2,3-cd]pyrene	11	J	1540	1270		ug/Kg	☼	81	68 - 130	1	30
Naphthalene	<5.9		1540	1440		ug/Kg	☼	94	63 - 110	12	30
Phenanthrene	9.9	J	1540	1460		ug/Kg	☼	94	62 - 120	9	30
Pyrene	19	J	1540	1430		ug/Kg	☼	92	61 - 128	8	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	103		43 - 145
Nitrobenzene-d5 (Surr)	68		37 - 147
Terphenyl-d14 (Surr)	103		42 - 157

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-513006/1-A

Matrix: Solid

Analysis Batch: 513330

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 513006

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Barium	0.430	J	1.0	0.11	mg/Kg		10/31/19 17:38	11/01/19 23:59	1
Cadmium	0.0517	J	0.20	0.036	mg/Kg		10/31/19 17:38	11/01/19 23:59	1
Chromium	0.876	J	1.0	0.50	mg/Kg		10/31/19 17:38	11/01/19 23:59	1
Lead	<0.23	^	0.50	0.23	mg/Kg		10/31/19 17:38	11/01/19 23:59	1
Selenium	<0.59		1.0	0.59	mg/Kg		10/31/19 17:38	11/01/19 23:59	1
Silver	0.155	J ^	0.50	0.13	mg/Kg		10/31/19 17:38	11/01/19 23:59	1

Lab Sample ID: MB 500-513006/1-A

Matrix: Solid

Analysis Batch: 513473

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 513006

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.34		1.0	0.34	mg/Kg		10/31/19 17:38	11/04/19 12:56	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: LCS 500-513006/2-A
Matrix: Solid
Analysis Batch: 513330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513006
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Barium	200	192		mg/Kg		96	80 - 120
Cadmium	5.00	4.72		mg/Kg		94	80 - 120
Chromium	20.0	20.0		mg/Kg		100	80 - 120
Lead	10.0	9.21	^	mg/Kg		92	80 - 120
Selenium	10.0	8.35		mg/Kg		83	80 - 120
Silver	5.00	4.57	^	mg/Kg		91	80 - 120

Lab Sample ID: LCS 500-513006/2-A
Matrix: Solid
Analysis Batch: 513473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513006
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	10.0	9.09		mg/Kg		91	80 - 120

Lab Sample ID: 500-172312-4 MS
Matrix: Solid
Analysis Batch: 513330

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 513006
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Barium	37	B	218	279		mg/Kg	☼	111	75 - 125
Cadmium	0.18	J B	5.45	5.16		mg/Kg	☼	91	75 - 125
Chromium	9.5	B	21.8	35.3		mg/Kg	☼	118	75 - 125
Selenium	<0.67	F1	10.9	8.33		mg/Kg	☼	76	75 - 125

Lab Sample ID: 500-172312-4 MS
Matrix: Solid
Analysis Batch: 513473

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 513006
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	3.0		10.9	15.4		mg/Kg	☼	114	75 - 125
Lead	28	F1	10.9	57.4	F1	mg/Kg	☼	273	75 - 125
Silver	1.6		5.45	7.69		mg/Kg	☼	111	75 - 125

Lab Sample ID: 500-172312-4 MSD
Matrix: Solid
Analysis Batch: 513330

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 513006
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Barium	37	B	222	269		mg/Kg	☼	105	75 - 125	4	20
Cadmium	0.18	J B	5.54	5.43		mg/Kg	☼	95	75 - 125	5	20
Chromium	9.5	B	22.2	31.5		mg/Kg	☼	100	75 - 125	11	20
Selenium	<0.67	F1	11.1	8.21	F1	mg/Kg	☼	74	75 - 125	1	20

Lab Sample ID: 500-172312-4 MSD
Matrix: Solid
Analysis Batch: 513473

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 513006
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	3.0		11.1	15.3		mg/Kg	☼	111	75 - 125	1	20
Lead	28	F1	11.1	55.2	F1	mg/Kg	☼	248	75 - 125	4	20

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

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

Lab Sample ID: 500-172312-4 MSD
Matrix: Solid
Analysis Batch: 513473

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 513006

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	1.6		5.54	7.99		mg/Kg	☼	115	75 - 125	4	20

Lab Sample ID: 500-172312-4 DU
Matrix: Solid
Analysis Batch: 513330

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 513006

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Barium	37	B	37.0		mg/Kg	☼	0.6	20
Cadmium	0.18	J B	0.156	J	mg/Kg	☼	13	20
Chromium	9.5	B	10.1		mg/Kg	☼	7	20
Selenium	<0.67	F1	<0.65		mg/Kg	☼	NC	20

Lab Sample ID: 500-172312-4 DU
Matrix: Solid
Analysis Batch: 513473

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 513006

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	3.0		3.28		mg/Kg	☼	9	20
Lead	28	F1	25.8		mg/Kg	☼	7	20
Silver	1.6		1.81		mg/Kg	☼	10	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-513000/1-A
Matrix: Water
Analysis Batch: 513394

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 513000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00023		0.0010	0.00023	mg/L		10/31/19 16:48	11/01/19 14:22	1
Barium	<0.00073		0.0025	0.00073	mg/L		10/31/19 16:48	11/01/19 14:22	1
Cadmium	<0.00017		0.00050	0.00017	mg/L		10/31/19 16:48	11/01/19 14:22	1
Chromium	<0.0011		0.0050	0.0011	mg/L		10/31/19 16:48	11/01/19 14:22	1
Lead	<0.00019		0.00050	0.00019	mg/L		10/31/19 16:48	11/01/19 14:22	1
Selenium	<0.00098		0.0025	0.00098	mg/L		10/31/19 16:48	11/01/19 14:22	1
Silver	<0.00012		0.00050	0.00012	mg/L		10/31/19 16:48	11/01/19 14:22	1

Lab Sample ID: LCS 500-513000/2-A
Matrix: Water
Analysis Batch: 513394

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 513000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.107		mg/L		107	80 - 120
Barium	0.500	0.501		mg/L		100	80 - 120
Cadmium	0.0500	0.0499		mg/L		100	80 - 120
Chromium	0.200	0.192		mg/L		96	80 - 120
Lead	0.100	0.0991		mg/L		99	80 - 120
Selenium	0.100	0.110		mg/L		110	80 - 120
Silver	0.0500	0.0494		mg/L		99	80 - 120

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QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-512443/12-A
Matrix: Water
Analysis Batch: 512707

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512443

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000098		0.00020	0.000098	mg/L		10/29/19 09:55	10/30/19 07:17	1

Lab Sample ID: LCS 500-512443/13-A
Matrix: Water
Analysis Batch: 512707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512443
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00200	0.00193		mg/L		96	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-512688/12-A
Matrix: Solid
Analysis Batch: 512924

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg		10/30/19 15:05	10/31/19 09:15	1

Lab Sample ID: LCS 500-512688/13-A
Matrix: Solid
Analysis Batch: 512924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512688
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.167	0.157		mg/Kg		94	80 - 120

Lab Sample ID: 500-172312-4 MS
Matrix: Solid
Analysis Batch: 512924

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 512688
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.071		0.0873	0.158		mg/Kg	☼	100	75 - 125

Lab Sample ID: 500-172312-4 MSD
Matrix: Solid
Analysis Batch: 512924

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 512688
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.071		0.0871	0.148		mg/Kg	☼	88	75 - 125	7	20

Lab Sample ID: 500-172312-4 DU
Matrix: Solid
Analysis Batch: 512924

Client Sample ID: TW2 0-2.5
Prep Type: Total/NA
Prep Batch: 512688
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.071			0.108	F3	mg/Kg	☼			41	20

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW1 5-7.5

Date Collected: 10/23/19 10:15

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: TW1 5-7.5

Date Collected: 10/23/19 10:15

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-1

Matrix: Solid

Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 10:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	513355	11/04/19 14:52	APL	TAL CHI

Client Sample ID: TW1 2.5-5

Date Collected: 10/23/19 10:17

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: TW1 2.5-5

Date Collected: 10/23/19 10:17

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-2

Matrix: Solid

Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		1	513064	11/01/19 12:59	GWB	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 13:04	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 00:50	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 09:49	MJG	TAL CHI

Client Sample ID: TW2 5-7.5

Date Collected: 10/23/19 10:45

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: TW2 5-7.5

Date Collected: 10/23/19 10:45

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-3

Matrix: Solid

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 10:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	513355	11/04/19 15:18	APL	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW2 0-2.5

Date Collected: 10/23/19 10:47

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: TW2 0-2.5

Date Collected: 10/23/19 10:47

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-4

Matrix: Solid

Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		1	513064	11/01/19 13:26	GWB	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 13:08	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 00:54	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 09:51	MJG	TAL CHI

Client Sample ID: TW3 0-1

Date Collected: 10/23/19 11:10

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: TW3 0-1

Date Collected: 10/23/19 11:10

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-5

Matrix: Solid

Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 11:10	WRE	TAL CHI
Total/NA	Analysis	8260B		200	513355	11/04/19 15:43	APL	TAL CHI

Client Sample ID: TW3 3-5

Date Collected: 10/23/19 11:12

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: TW3 3-5

Date Collected: 10/23/19 11:12

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-6

Matrix: Solid

Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		5	513430	11/04/19 14:47	AJD	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW3 3-5

Date Collected: 10/23/19 11:12

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-6

Matrix: Solid

Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 13:36	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 01:15	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 10:04	MJG	TAL CHI

Client Sample ID: DUP1

Date Collected: 10/23/19 11:15

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: DUP1

Date Collected: 10/23/19 11:15

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-7

Matrix: Solid

Percent Solids: 97.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 11:15	WRE	TAL CHI
Total/NA	Analysis	8260B		200	513355	11/04/19 16:09	APL	TAL CHI

Client Sample ID: DUP2

Date Collected: 10/23/19 11:25

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: DUP2

Date Collected: 10/23/19 11:25

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-8

Matrix: Solid

Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		1	513064	11/01/19 12:32	GWB	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 13:40	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 01:19	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 10:06	MJG	TAL CHI

Lab Chronicle

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB1 0-2.5

Date Collected: 10/23/19 11:45

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: SB1 0-2.5

Date Collected: 10/23/19 11:45

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-9

Matrix: Solid

Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	513355	11/04/19 16:35	APL	TAL CHI
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		1	513064	11/01/19 10:44	GWB	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 13:44	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 01:23	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 10:08	MJG	TAL CHI

Client Sample ID: SB2 0-2.5

Date Collected: 10/23/19 14:30

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: SB2 0-2.5

Date Collected: 10/23/19 14:30

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-10

Matrix: Solid

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 14:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	513355	11/04/19 17:00	APL	TAL CHI

Client Sample ID: SB2 2.5-5

Date Collected: 10/23/19 14:32

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB2 2.5-5

Lab Sample ID: 500-172312-11

Date Collected: 10/23/19 14:32

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		1	513064	11/01/19 12:05	GWB	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 13:48	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 01:28	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 10:10	MJG	TAL CHI

Client Sample ID: SB3 0-1

Lab Sample ID: 500-172312-12

Date Collected: 10/23/19 14:40

Matrix: Solid

Date Received: 10/24/19 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: SB3 0-1

Lab Sample ID: 500-172312-12

Date Collected: 10/23/19 14:40

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		10	513064	11/01/19 17:57	GWB	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 13:52	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 01:40	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 10:12	MJG	TAL CHI

Client Sample ID: SB3 5-7.5

Lab Sample ID: 500-172312-13

Date Collected: 10/23/19 14:42

Matrix: Solid

Date Received: 10/24/19 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: SB3 5-7.5

Lab Sample ID: 500-172312-13

Date Collected: 10/23/19 14:42

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 14:42	WRE	TAL CHI
Total/NA	Analysis	8260B		50	513355	11/04/19 17:26	APL	TAL CHI

Lab Chronicle

Client: Stantec Consulting Corp.
 Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB4 0-2.5

Lab Sample ID: 500-172312-14

Date Collected: 10/23/19 14:50

Matrix: Solid

Date Received: 10/24/19 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: SB4 0-2.5

Lab Sample ID: 500-172312-14

Date Collected: 10/23/19 14:50

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 14:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	513355	11/04/19 17:52	APL	TAL CHI
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		10	513064	11/01/19 18:23	GWB	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 13:56	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 01:44	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 10:14	MJG	TAL CHI

Client Sample ID: SB5 0-2.5

Lab Sample ID: 500-172312-15

Date Collected: 10/23/19 15:00

Matrix: Solid

Date Received: 10/24/19 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: SB5 0-2.5

Lab Sample ID: 500-172312-15

Date Collected: 10/23/19 15:00

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 15:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	513355	11/04/19 18:17	APL	TAL CHI
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		5	513604	11/05/19 14:00	AJD	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 14:08	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 01:48	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 10:16	MJG	TAL CHI

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: SB6 0-2.5

Lab Sample ID: 500-172312-16

Date Collected: 10/23/19 15:05

Matrix: Solid

Date Received: 10/24/19 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: SB6 0-2.5

Lab Sample ID: 500-172312-16

Date Collected: 10/23/19 15:05

Matrix: Solid

Date Received: 10/24/19 09:05

Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 15:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	513355	11/04/19 18:43	APL	TAL CHI
Total/NA	Prep	3541			513007	10/31/19 17:47	ACK	TAL CHI
Total/NA	Analysis	8270D		5	513430	11/04/19 13:53	AJD	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513473	11/04/19 14:12	EEN	TAL CHI
Total/NA	Prep	3050B			513006	10/31/19 17:38	BDE	TAL CHI
Total/NA	Analysis	6010C		1	513330	11/02/19 01:53	EEN	TAL CHI
Total/NA	Prep	7471B			512688	10/30/19 15:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	512924	10/31/19 10:19	MJG	TAL CHI

Client Sample ID: TW1

Lab Sample ID: 500-172312-17

Date Collected: 10/23/19 12:55

Matrix: Water

Date Received: 10/24/19 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	513383	11/04/19 19:45	JDD	TAL CHI
Total/NA	Prep	3510C			512612	10/30/19 08:16	CMC	TAL CHI
Total/NA	Analysis	8270D		5	512971	10/31/19 21:50	NRJ	TAL CHI
Dissolved	Prep	3005A			513000	10/31/19 16:48	BDE	TAL CHI
Dissolved	Analysis	6020A		1	513394	11/01/19 15:10	FXG	TAL CHI
Dissolved	Prep	7470A			512443	10/29/19 09:55	MJG	TAL CHI
Dissolved	Analysis	7470A		1	512707	10/30/19 08:36	MJG	TAL CHI

Client Sample ID: TW2

Lab Sample ID: 500-172312-18

Date Collected: 10/23/19 13:15

Matrix: Water

Date Received: 10/24/19 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	513383	11/04/19 20:13	JDD	TAL CHI
Total/NA	Prep	3510C			512612	10/30/19 08:16	CMC	TAL CHI
Total/NA	Analysis	8270D		1	512739	10/30/19 23:11	NRJ	TAL CHI
Dissolved	Prep	3005A			513000	10/31/19 16:48	BDE	TAL CHI
Dissolved	Analysis	6020A		1	513394	11/01/19 15:14	FXG	TAL CHI
Dissolved	Prep	7470A			512443	10/29/19 09:55	MJG	TAL CHI
Dissolved	Analysis	7470A		1	512707	10/30/19 08:38	MJG	TAL CHI

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Client Sample ID: TW3

Date Collected: 10/23/19 13:35

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	513383	11/04/19 20:41	JDD	TAL CHI
Total/NA	Prep	3510C			512612	10/30/19 08:16	CMC	TAL CHI
Total/NA	Analysis	8270D		1	512739	10/30/19 23:35	NRJ	TAL CHI
Dissolved	Prep	3005A			513000	10/31/19 16:48	BDE	TAL CHI
Dissolved	Analysis	6020A		1	513394	11/01/19 15:18	FXG	TAL CHI
Dissolved	Prep	7470A			512443	10/29/19 09:55	MJG	TAL CHI
Dissolved	Analysis	7470A		1	512707	10/30/19 08:40	MJG	TAL CHI

Client Sample ID: DUP3

Date Collected: 10/23/19 13:37

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	513383	11/04/19 21:09	JDD	TAL CHI
Total/NA	Prep	3510C			512612	10/30/19 08:16	CMC	TAL CHI
Total/NA	Analysis	8270D		1	512739	10/30/19 23:59	NRJ	TAL CHI
Dissolved	Prep	3005A			513000	10/31/19 16:48	BDE	TAL CHI
Dissolved	Analysis	6020A		1	513394	11/01/19 15:22	FXG	TAL CHI
Dissolved	Prep	7470A			512443	10/29/19 09:55	MJG	TAL CHI
Dissolved	Analysis	7470A		1	512707	10/30/19 08:41	MJG	TAL CHI

Client Sample ID: Trip Blank (HCl)

Date Collected: 10/23/19 00:00

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	513383	11/04/19 21:36	JDD	TAL CHI

Client Sample ID: Trip Blank (MeOH)

Date Collected: 10/23/19 00:00

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	512234	10/28/19 11:25	LWN	TAL CHI

Client Sample ID: Trip Blank (MeOH)

Date Collected: 10/23/19 00:00

Date Received: 10/24/19 09:05

Lab Sample ID: 500-172312-22

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			512141	10/23/19 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	513355	11/04/19 19:08	APL	TAL CHI

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Eurofins TestAmerica, Chicago

Accreditation/Certification Summary

Client: Stantec Consulting Corp.
Project/Site: South Main Street Property - 193706313

Job ID: 500-172312-1

Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State Program	999580010	08-31-20

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Chain of Custody Record

500-172312

Client Information Client Contact: Erin Gross Company: Stantec Consulting Corp. Address: 12075 Corporate Pkwy, Suite 200 City: Mequon State, Zip: WI, 53092 Phone: 608 628 6278 Email: erin.gross@stantec.com Project Name: South Main Street Property Site: South Main St Property		Sampler: ENG		Lab PM: Fredrick, Sandie		Carrier Tracking No(s):		COC No: 500-76204-35400.1														
		Phone: 608 628 6278		E-Mail: sandie.fredrick@testamericainc.com				Page: Page 1 of 3														
 500-172312 COC		Due Date Requested: Standard		Analysis Requested VOC PAH RCRA Metals						Job #: 193706313												
		TAT Requested (days): Standard								Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:												
PO #:		WO #:		Project #: 50006565		SSOW#:																
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastelol, BT=Tissue, A=Air)	Field Filtered Sample (Yes/No)	Performs MS/MS (Yes/No)	Total Number of Containers		Special Instructions/Note:												
				Preservation Code																		
1	TW1	5-7.5	10/23/19	10:19	C	Solid			X												Send EDD	
2	TW1	2.5-5		10:17	C	Solid				X	X											
3	TW2	5-7.5		10:45	C	Solid			X													
4	TW2	0-2.5		10:47	C	Solid			X	X	X											
5	TW3	0-1		11:10	C	Solid			X													
6	TW3	3-5		11:12	C	Solid				X	X											
7	DUP1			11:15	C	Solid			X	X												
8	DUP2			11:25	C	Solid					X	X										
9	SB1	0-2.5		11:45	C	Solid			X	X	X											
10	SB2	0-2.5		14:30	C	Solid			X													
11	SB2	2.5-5		14:32	C	Solid				X	X											
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:																
Empty Kit Relinquished by: <i>Erin Gross</i>			Date: 10/23/19		Time: 16:15		Method of Shipment: Fed Ex															
Relinquished by: <i>Erin Gross</i>			Date/Time: 10/23/19, 16:15		Company:		Received by: <i>Sandi Fredrick</i>		Date/Time: 10/24/19 0905		Company: TA-CAH											
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:											
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks: <i>AC</i>																

Chain of Custody Record

500-172312

Client Information		Sampler: ENG		Lab PM: Fredrick, Sandie		Carrier Tracking No(s):		COC No: 500-76204-35400,3							
Client Contact: Erin Gross		Phone: 608 628 6278		E-Mail: sandie.fredrick@testamericainc.com				Page: Page 3 of 3							
Company: Stantec Consulting Corp.				Analysis Requested				Job #: 193706313							
Address: 12075 Corporate Pkwy, Suite 200		Due Date Requested: Standard		Field Filtered Sample (Yes or No) Performs MSMS/Dives or No		VOC PAH dis. PCRA metals		Total Number of Containers		Preservation Codes:					
City: Mequon		TAT Requested (days): Standard								A - HCL		M - Hexane		N - None	
State, Zip: WI, 53092										C - Zn Acetate		O - AsNaO2		P - Na2O4S	
Phone: 608 628 6278		PO #:								D - Nitric Acid		Q - Na2SO3		R - Na2S2O3	
Email: erin.gross@stantec.com		WO #:								E - NaHSO4		S - H2SO4		T - TSP Dodecahydrate	
Project Name: South Main Street Property		Project #: 50006565		F - MeOH		U - Acetone		V - MCAA		W - pH 4-5					
Site:		SSOW#:		G - Amchlor		X - Ice		Y - EDTA		Z - other (specify)					
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:					
		Preservation Code													
12	SB3	0-1	10/23/19	14:40	C	solid					Send EDD				
13	SB3	5-7.5	↓	14:42	C	solid									
14	SB4	0-2.5		14:50	C	solid									
15	SBS	0-2.5		15:00	C	solid									
16	SB6	0-2.5		15:05	C	solid									
Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological				<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months											
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:											
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment: Fed Ex									
Relinquished by: <i>EW/MW</i>		Date/Time: 10/23/19, 16:15		Company: Stantec		Received by: <i>Sandie Fredrick</i>		Date/Time: 10/24/19 0905		Company: TA-CHI					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:											

Chain of Custody Record

500-172312

Client Information		Sampler: ENG		Lab PM: Fredrick, Sandie		Carrier Tracking No(s):		COC No: 500-76204-35400.2									
Client Contact: Erin Gross		Phone: 608 628 6278		E-Mail: sandie.fredrick@testamericainc.com				Page: Page 2 of 3									
Company: Stantec Consulting Corp.				Analysis Requested				Job #: 193706313									
Address: 12075 Corporate Pkwy, Suite 200		Due Date Requested: Standard		Field Filtered Sample (Yes/No) Perform MS/MSD (Yes/No)		VOC PAH PCRA Metals		Total Number of Containers		Preservation Codes:							
City: Mequon		TAT Requested (days): Standard								A - HCL		M - Hexane		B - NaOH		N - None	
State, Zip: WI, 53092										VOC		PAH		C - Zn Acetate		O - AsNaO2	
Phone: 608 628 6278		PO #:								PAH		dis		D - Nitric Acid		P - Na2O4S	
Email: erin.gross@stantec.com		WO #:								VOC		PAH		E - NaHSO4		Q - Na2SO3	
Project Name: South Main Street Property		Project #: 50006565		SSOW#:				F - MeOH		R - Na2S2O3							
Site: South Main St Property								G - Amchlor		S - H2SO4							
								H - Ascorbic Acid		T - TSP Dodecahydrate							
								I - Ice		U - Acetone							
								J - DI Water		V - MCAA							
								K - EDTA		W - pH 4-5							
								L - EDTA		Z - other (specify)							
								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)		Special Instructions/Note:							
		10/23/19								Send EDD							
17 TW1				12:55		G		Water		All dis. metals field filtered!							
18 TW2				13:15		G		Water									
19 TW3				13:35		G		Water									
20 Dup 3				13:37		G		Water									
21 Trip Blank (HCL)				N/A		C		Water									
22 Trip Blank (MeOH)				N/A		C		Water									
								Water									
								Water									
								Water									
								Water									
								Water									
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)													
Deliverable Requested: I, II, III, IV, Other (specify)										<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months							
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		Special Instructions/QC Requirements:									
Relinquished by: <i>Erin G</i>		Date/Time: 10/23/19, 16:15		Company: Stantec		Received by: <i>Shirley Smith</i>		Date/Time: 10/24/19 0905		Company: <i>TD CRT</i>							
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:							
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 68													

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 500-172312-1

Login Number: 172312

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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	1.1,1.8
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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	