



FINAL REPORT

CA14948-APR19 R

191-05086-00 Peel Street

Prepared for

WSP Canada Inc.

First Page

CLIENT DETAILS

Client WSP Canada Inc.

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Peterborough, ON
K9J 2K2. Canada

Contact Trevor Balsdon

Telephone 705.743.6850

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Project 191-05086-00 Peel Street

Order Number

Samples Soil (20)

LABORATORY DETAILS

Project Specialist Rob Irwin B.Sc., C.Chem

Laboratory SGS Canada Inc.

Address 185 Concession St., Lakefield ON, K0L 2H0

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SGS Reference CA14948-APR19

Received 04/26/2019

Approved 05/03/2019

Report Number CA14948-APR19 R

Date Reported 05/03/2019

COMMENTS

CCME Method Compliance: Analyses were conducted using analytical procedures that comply with the Reference Method for the CWS for Petroleum Hydrocarbons in Soil and have been validated for use at the SGS laboratory, Lakefield, ON site.

Quality Compliance: Instrument performance / calibration quality criteria were met and extraction and analysis limits for holding times were met.

nC6 and nC10 response factors within 30% of response factor for toluene: YES

nC10, nC16 and nC34 response factors within 10% of the average response for the three compounds: YES

C50 response factors within 70% of nC10 + nC16 + nC34 average: YES

Linearity is within 15%: YES

F4G - gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.

The results for F4 and F4G are both reported and the greater of the two values is to be used in application to the CWS PHC.

Hydrocarbon results are expressed on a dry weight basis.

Temperature of Sample upon Receipt: 8 degrees C

Cooling Agent Present: Yes

Custody Seal Present: No

Chain of Custody Number: 006719/006745

SIGNATORIES

Rob Irwin B.Sc., C.Chem





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Client: WSP Canada Inc.

Project: 191-05086-00 Peel Street

Project Manager: Trevor Balsdon

Samplers: Trevor Balsdon

PACKAGE: REG153 - BTEX (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number					8	9	10	11	12	13	14	15
Sample Name					TP5A-GS1	TP5B-GS2	TP6A-GS1	TP6B-GS2	TP7A-GS1	TP7B-GS2	TP8A-GS1	TP8B-GS2
Sample Matrix					Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date					25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
BTEX												
Benzene	µg/g	0.02	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	0.2	0.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

PACKAGE: REG153 - BTEX (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number					16	17	18	19	20	21	22	23
Sample Name					TP9A-GS2	TP9B-GS1	TP10A-GS2	TP10B-GS1	TP11A-GS2	TP11B-GS1	TP12A-GS1	TP12B-GS2
Sample Matrix					Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date					25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
BTEX												
Benzene	µg/g	0.02	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	0.2	0.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05



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PACKAGE: REG153 - BTEX (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number					24	25	26	27
Sample Name					TP13A-GS1	TP13B-GS2	TP14A-GS1	TP14B-GS2
Sample Matrix					Soil	Soil	Soil	Soil
Sample Date					25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result
BTEX								
Benzene	µg/g	0.02	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	0.2	0.2	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05			< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05			< 0.05	< 0.05	< 0.05	< 0.05

PACKAGE: REG153 - Hydrides (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number					8	9	10	11	12	13	14	15
Sample Name					TP5A-GS1	TP5B-GS2	TP6A-GS1	TP6B-GS2	TP7A-GS1	TP7B-GS2	TP8A-GS1	TP8B-GS2
Sample Matrix					Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date					25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
Hydrides												
Antimony	µg/g	0.8	1	1.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	11	18	8.1	2.4	0.9	2.4	0.7	2.4	0.8	2.3
Selenium	µg/g	0.7	1.2	1.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7



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PACKAGE: REG153 - Hydrides (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number	16	17	18	19	20	21	22	23
Sample Name	TP9A-GS2	TP9B-GS1	TP10A-GS2	TP10B-GS1	TP11A-GS2	TP11B-GS1	TP12A-GS1	TP12B-GS2
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
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Hydrides

Antimony	µg/g	0.8	1	1.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	11	18	3.6	1.1	3.3	2.2	2.7	3.3	3.1	3.1
Selenium	µg/g	0.7	1.2	1.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7

PACKAGE: REG153 - Hydrides (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number	24	25	26	27
Sample Name	TP13A-GS1	TP13B-GS2	TP14A-GS1	TP14B-GS2
Sample Matrix	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result
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Hydrides

Antimony	µg/g	0.8	1	1.3	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	11	18	3.0	2.1	2.5	2.7
Selenium	µg/g	0.7	1.2	1.5	< 0.7	< 0.7	< 0.7	< 0.7

PACKAGE: REG153 - Metals and Inorganics (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number	8	9	10	11	12	13	14	15
Sample Name	TP5A-GS1	TP5B-GS2	TP6A-GS1	TP6B-GS2	TP7A-GS1	TP7B-GS2	TP8A-GS1	TP8B-GS2
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
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Metals and Inorganics

Moisture Content	%	-			8.6	11.0	6.7	10.4	9.0	12.7	10.6	10.0
Barium	µg/g	0.1	210	220	21	28	18	23	8.0	49	13	41
Beryllium	µg/g	0.02	2.5	2.5	0.11	0.19	0.12	0.18	0.08	0.28	0.10	0.20



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PACKAGE: **REG153 - Metals and Inorganics (SOIL)**

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number	8	9	10	11	12	13	14	15
Sample Name	TP5A-GS1	TP5B-GS2	TP6A-GS1	TP6B-GS2	TP7A-GS1	TP7B-GS2	TP8A-GS1	TP8B-GS2
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
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Metals and Inorganics (continued)

Boron	µg/g	1	36	36	2	4	2	4	2	6	2	5
Cadmium	µg/g	0.02	1	1.2	0.02	0.06	0.03	0.05	< 0.02	0.08	0.02	0.04
Chromium	µg/g	0.5	67	70	10	7.2	5.6	7.3	3.7	11	4.4	7.8
Cobalt	µg/g	0.01	19	21	4.8	3.0	3.2	3.1	2.4	4.4	2.5	3.6
Copper	µg/g	0.1	62	92	13	4.8	7.3	4.7	5.6	6.2	5.9	5.5
Lead	µg/g	0.1	45	120	3.6	7.7	2.5	7.0	1.9	8.7	3.6	7.1
Molybdenum	µg/g	0.1	2	2	0.1	0.2	0.1	0.2	0.1	0.2	< 0.1	0.2
Nickel	µg/g	0.5	37	82	6.6	5.3	4.4	5.7	2.9	8.0	3.3	6.1
Silver	µg/g	0.05	0.5	0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	1	0.06	0.07	0.05	0.07	0.04	0.10	0.04	0.08
Uranium	µg/g	0.002	1.9	2.5	0.33	0.41	0.35	0.40	0.29	0.42	0.37	0.40
Vanadium	µg/g	3	86	86	19	12	15	11	11	16	11	13
Zinc	µg/g	0.7	290	290	19	18	11	18	9.9	24	11	19



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Client: WSP Canada Inc.

Project: 191-05086-00 Peel Street

Project Manager: Trevor Balsdon

Samplers: Trevor Balsdon

PACKAGE: **REG153 - Metals and Inorganics (SOIL)**

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number	16	17	18	19	20	21	22	23
Sample Name	TP9A-GS2	TP9B-GS1	TP10A-GS2	TP10B-GS1	TP11A-GS2	TP11B-GS1	TP12A-GS1	TP12B-GS2
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
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Metals and Inorganics

Moisture Content	%	-			17.4	10.5	16.0	15.8	16.6	17.4	18.0	17.2
Barium	µg/g	0.1	210	220	160	27	98	70	120	150	160	150
Beryllium	µg/g	0.02	2.5	2.5	0.46	0.12	0.43	0.37	0.57	0.48	0.65	0.57
Boron	µg/g	1	36	36	6	3	6	6	10	8	8	9
Cadmium	µg/g	0.02	1	1.2	0.10	0.05	0.20	0.09	0.09	0.19	0.30	0.14
Chromium	µg/g	0.5	67	70	17	5.3	16	14	20	20	26	22
Cobalt	µg/g	0.01	19	21	5.8	3.0	6.0	5.0	7.8	7.5	9.1	9.3
Copper	µg/g	0.1	62	92	14	10	28	12	13	22	19	15
Lead	µg/g	0.1	45	120	68	16	65	37	10	190	110	9.2
Molybdenum	µg/g	0.1	2	2	0.3	0.1	0.5	0.2	0.2	0.2	0.4	0.2
Nickel	µg/g	0.5	37	82	10	4.1	13	9.4	15	13	16	19
Silver	µg/g	0.05	0.5	0.5	0.06	< 0.05	0.07	< 0.05	< 0.05	0.13	0.14	< 0.05
Thallium	µg/g	0.02	1	1	0.11	0.05	0.14	0.12	0.17	0.16	0.18	0.20
Uranium	µg/g	0.002	1.9	2.5	0.36	0.29	0.40	0.39	0.48	0.44	0.54	0.47
Vanadium	µg/g	3	86	86	23	13	29	21	31	27	32	33
Zinc	µg/g	0.7	290	290	47	22	89	35	29	81	95	32



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Project: 191-05086-00 Peel Street

Project Manager: Trevor Balsdon

Samplers: Trevor Balsdon

PACKAGE: **REG153 - Metals and Inorganics (SOIL)**

Sample Number	24	25	26	27
Sample Name	TP13A-GS1	TP13B-GS2	TP14A-GS1	TP14B-GS2
Sample Matrix	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Parameter	Units	RL	L1	L2	Result	Result	Result	Result
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Metals and Inorganics

Moisture Content	%	-			16.8	10.1	13.9	21.6
Barium	µg/g	0.1	210	220	130	70	120	160
Beryllium	µg/g	0.02	2.5	2.5	0.52	0.28	0.52	0.67
Boron	µg/g	1	36	36	8	6	8	9
Cadmium	µg/g	0.02	1	1.2	0.20	0.07	0.17	0.15
Chromium	µg/g	0.5	67	70	27	11	21	25
Cobalt	µg/g	0.01	19	21	7.4	4.5	7.6	11
Copper	µg/g	0.1	62	92	34	8.5	18	14
Lead	µg/g	0.1	45	120	200	9.9	86	12
Molybdenum	µg/g	0.1	2	2	0.3	0.2	0.2	0.3
Nickel	µg/g	0.5	37	82	14	8.9	15	20
Silver	µg/g	0.05	0.5	0.5	0.15	< 0.05	0.08	< 0.05
Thallium	µg/g	0.02	1	1	0.18	0.11	0.17	0.22
Uranium	µg/g	0.002	1.9	2.5	0.49	0.41	0.50	0.50
Vanadium	µg/g	3	86	86	27	17	28	37
Zinc	µg/g	0.7	290	290	72	25	61	39



FINAL REPORT

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Client: WSP Canada Inc.

Project: 191-05086-00 Peel Street

Project Manager: Trevor Balsdon

Samplers: Trevor Balsdon

PACKAGE: REG153 - Other (ORP) (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

			Sample Number		8	9	10	11	12	13	14	15
			Sample Name		TP5A-GS1	TP5B-GS2	TP6A-GS1	TP6B-GS2	TP7A-GS1	TP7B-GS2	TP8A-GS1	TP8B-GS2
			Sample Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
			Sample Date		25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019
Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
Other (ORP)												
Mercury	µg/g	0.05	0.16	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	---	0.2	1	2.4	2.1	23.7	1.7	2.0	3.4	6.8	2.6	4.6
SAR Calcium	mg/L	0.09			38.3	49.0	44.7	149	8.0	59.8	27.9	40.9
SAR Magnesium	mg/L	0.02			16.8	2.2	2.7	9.0	1.8	3.8	11.3	3.4
SAR Sodium	mg/L	0.15			72.8	662	43.1	92.5	41.3	196	73.7	113
Conductivity	mS/cm	0.002	0.47	0.57	0.43	3.0	0.24	1.4	0.25	1.4	0.34	0.83

PACKAGE: REG153 - Other (ORP) (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

			Sample Number		16	17	18	19	20	21	22	23
			Sample Name		TP9A-GS2	TP9B-GS1	TP10A-GS2	TP10B-GS1	TP11A-GS2	TP11B-GS1	TP12A-GS1	TP12B-GS2
			Sample Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
			Sample Date		25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019
Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
Other (ORP)												
Mercury	µg/g	0.05	0.16	0.27	0.20	< 0.05	0.15	0.08	< 0.05	0.36	0.56	< 0.05
Sodium Adsorption Ratio	---	0.2	1	2.4	4.3	2.2	4.4	2.0	16.4	2.8	3.6	20.8
SAR Calcium	mg/L	0.09			63.1	38.0	99.1	117	12.1	107	86.6	9.2
SAR Magnesium	mg/L	0.02			79.0	31.0	140	160	6.1	94.2	30.7	2.0
SAR Sodium	mg/L	0.15			218	70.4	341	185	293	132	155	302
Conductivity	mS/cm	0.002	0.47	0.57	1.2	0.34	1.5	0.82	1.6	0.58	0.65	1.6



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PACKAGE: REG153 - Other (ORP) (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number	24	25	26	27
Sample Name	TP13A-GS1	TP13B-GS2	TP14A-GS1	TP14B-GS2
Sample Matrix	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result
Other (ORP)								
Mercury	µg/g	0.05	0.16	0.27	0.73	< 0.05	0.35	< 0.05
Sodium Adsorption Ratio	---	0.2	1	2.4	8.6	7.8	5.6	26.7
SAR Calcium	mg/L	0.09			37.5	94.6	160	10.8
SAR Magnesium	mg/L	0.02			5.4	84.0	56.2	1.1
SAR Sodium	mg/L	0.15			233	336	322	434
Conductivity	mS/cm	0.002	0.47	0.57	1.3	1.8	1.2	2.2

PACKAGE: REG153 - PHCs (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number	8	9	10	11	12	13	14	15
Sample Name	TP5A-GS1	TP5B-GS2	TP6A-GS1	TP6B-GS2	TP7A-GS1	TP7B-GS2	TP8A-GS1	TP8B-GS2
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
PHCs												
F1 (C6-C10)	µg/g	10	17	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	10	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	240	240	245	< 50	< 50	< 50	52	< 50	< 50	< 50
F4 (C34-C50)	µg/g	50	120	120	431	< 50	< 50	< 50	89	< 50	87	< 50
CCME F4G-sg (GHH)	µg/g	200	120	120	2030							
Chromatogram returned to baseline at nC50	Yes / No	-			NO	YES	YES	YES	YES	YES	YES	YES



FINAL REPORT

CA14948-APR19 R

Client: WSP Canada Inc.

Project: 191-05086-00 Peel Street

Project Manager: Trevor Balsdon

Samplers: Trevor Balsdon

PACKAGE: REG153 - PHCs (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number	16	17	18	19	20	21	22	23
Sample Name	TP9A-GS2	TP9B-GS1	TP10A-GS2	TP10B-GS1	TP11A-GS2	TP11B-GS1	TP12A-GS1	TP12B-GS2
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result	Result	Result	Result	Result
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PHCs

F1 (C6-C10)	µg/g	10	17	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	10	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	240	240	< 50	104	138	< 50	< 50	< 50	< 50	< 50
F4 (C34-C50)	µg/g	50	120	120	< 50	131	214	51	< 50	< 50	< 50	< 50
CCME F4G-sg (GHH)	µg/g	200	120	120			584					
Chromatogram returned to baseline at nC50	Yes / No	-			YES	YES	NO	YES	YES	YES	YES	YES

PACKAGE: REG153 - PHCs (SOIL)

L1 = REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED

L2 = REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkland/Industrial - UNDEFINED

Sample Number	24	25	26	27
Sample Name	TP13A-GS1	TP13B-GS2	TP14A-GS1	TP14B-GS2
Sample Matrix	Soil	Soil	Soil	Soil
Sample Date	25/04/2019	25/04/2019	25/04/2019	25/04/2019

Parameter	Units	RL	L1	L2	Result	Result	Result	Result
-----------	-------	----	----	----	--------	--------	--------	--------

PHCs

F1 (C6-C10)	µg/g	10	17	25	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10			< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	10	10	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	240	240	< 50	< 50	< 50	< 50
F4 (C34-C50)	µg/g	50	120	120	< 50	< 50	72	< 50
Chromatogram returned to baseline at nC50	Yes / No	-			YES	YES	YES	YES

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED	REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkla nd/Industrial - UNDEFINED
				L1	L2

TP5A-GS1

F3 (C16 to C34)	CCME Tier 1	µg/g	245	240	240
F4 (C34 to C50)	CCME Tier 1	µg/g	431	120	120
Gravimetric Heavy Hydrocarbons	CCME Tier 1	µg/g	2030	120	120
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	2.1	1	

TP5B-GS2

Conductivity	EPA 6010/SM 2510	mS/cm	3.0	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	23.7	1	2.4

TP6A-GS1

Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	1.7	1	
-------------------------	----------------------	-----	-----	---	--

TP6B-GS2

Conductivity	EPA 6010/SM 2510	mS/cm	1.4	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	2.0	1	

TP7A-GS1

Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	3.4	1	2.4
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TP7B-GS2

Conductivity	EPA 6010/SM 2510	mS/cm	1.4	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	6.8	1	2.4

TP8A-GS1

Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	2.6	1	2.4
-------------------------	----------------------	-----	-----	---	-----

TP8B-GS2

Conductivity	EPA 6010/SM 2510	mS/cm	0.83	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	4.6	1	2.4

TP9A-GS2

Lead	EPA 3050/EPA 200.8	µg/g	68	45	
Conductivity	EPA 6010/SM 2510	mS/cm	1.2	0.47	0.57
Mercury	EPA 7471A/EPA 245	µg/g	0.20	0.16	
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	4.3	1	2.4

TP9B-GS1

F4 (C34 to C50)	CCME Tier 1	µg/g	131	120	120
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	2.2	1	

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED	REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkla nd/Industrial - UNDEFINED
				L1	L2

TP10A-GS2

F4 (C34 to C50)	CCME Tier 1	µg/g	214	120	120
Gravimetric Heavy Hydrocarbons	CCME Tier 1	µg/g	584	120	120
Lead	EPA 3050/EPA 200.8	µg/g	65	45	
Conductivity	EPA 6010/SM 2510	mS/cm	1.5	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	4.4	1	2.4

TP10B-GS1

Conductivity	EPA 6010/SM 2510	mS/cm	0.82	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	2.0	1	

TP11A-GS2

Conductivity	EPA 6010/SM 2510	mS/cm	1.6	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	16.4	1	2.4

TP11B-GS1

Lead	EPA 3050/EPA 200.8	µg/g	190	45	120
Conductivity	EPA 6010/SM 2510	mS/cm	0.58	0.47	0.57
Mercury	EPA 7471A/EPA 245	µg/g	0.36	0.16	0.27
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	2.8	1	2.4

TP12A-GS1

Lead	EPA 3050/EPA 200.8	µg/g	110	45	
Conductivity	EPA 6010/SM 2510	mS/cm	0.65	0.47	0.57
Mercury	EPA 7471A/EPA 245	µg/g	0.56	0.16	0.27
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	3.6	1	2.4

TP12B-GS2

Conductivity	EPA 6010/SM 2510	mS/cm	1.6	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	20.8	1	2.4

TP13A-GS1

Lead	EPA 3050/EPA 200.8	µg/g	200	45	120
Conductivity	EPA 6010/SM 2510	mS/cm	1.3	0.47	0.57
Mercury	EPA 7471A/EPA 245	µg/g	0.73	0.16	0.27
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	8.6	1	2.4

TP13B-GS2

Conductivity	EPA 6010/SM 2510	mS/cm	1.8	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	7.8	1	2.4



EXCEEDANCE SUMMARY

				REG153 / SOIL / COARSE - TABLE 1 - Agricultural/Other - UNDEFINED	REG153 / SOIL / COARSE - TABLE 1 - Residential/Parkla nd/Industrial - UNDEFINED
Parameter	Method	Units	Result	L1	L2

TP14A-GS1

Lead	EPA 3050/EPA 200.8	µg/g	86	45	
Conductivity	EPA 6010/SM 2510	mS/cm	1.2	0.47	0.57
Mercury	EPA 7471A/EPA 245	µg/g	0.35	0.16	0.27
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	5.6	1	2.4

TP14B-GS2

Conductivity	EPA 6010/SM 2510	mS/cm	2.2	0.47	0.57
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	---	26.7	1	2.4



FINAL REPORT

CA14948-APR19 R

QC SUMMARY

Conductivity

Method: EPA 6010/SM 2510 | Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0033-MAY19	mS/cm	0.002	<0.002	0	10	99	90	110	NA		

Mercury by CVAAS

Method: EPA 7471A/EPA 245 | Internal ref.: ME-CA-IENVISPE-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Mercury	EMS0003-MAY19	µg/g	0.05	<0.05	ND	20	101	80	120	101	70	130



FINAL REPORT

CA14948-APR19 R

QC SUMMARY

Metals in aqueous samples - ICP-OES
Method: MOE 4696e01/EPA 6010 | Internal ref.: ME-CA-ENVISPE-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
SAR Calcium	ESG0002-MAY19	mg/L	0.09	<0.09	1	20	102	80	120	105	70	130
SAR Magnesium	ESG0002-MAY19	mg/L	0.02	<0.02	0	20	98	80	120	106	70	130
SAR Sodium	ESG0002-MAY19	mg/L	0.15	<0.15	0	20	99	80	120	102	70	130



FINAL REPORT

CA14948-APR19 R

QC SUMMARY

Metals in Soil - Aqua-regia/ICP-MS

Method: EPA 3050/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Silver	EMS0003-MAY19	ug/g	0.05	<0.05	ND	20	94	70	130	98	70	130
Arsenic	EMS0003-MAY19	µg/g	0.5	<0.5	1	20	98	70	130	102	70	130
Barium	EMS0003-MAY19	ug/g	0.1	<0.1	2	20	103	70	130	98	70	130
Beryllium	EMS0003-MAY19	µg/g	0.02	<0.02	6	20	104	70	130	88	70	130
Boron	EMS0003-MAY19	µg/g	1	<1	2	20	107	70	130	94	70	130
Cadmium	EMS0003-MAY19	µg/g	0.02	<0.02	ND	20	99	70	130	109	70	130
Cobalt	EMS0003-MAY19	µg/g	0.01	<0.01	14	20	103	70	130	109	70	130
Chromium	EMS0003-MAY19	µg/g	0.5	<0.5	8	20	105	70	130	111	70	130
Copper	EMS0003-MAY19	µg/g	0.1	<0.1	5	20	101	70	130	104	70	130
Molybdenum	EMS0003-MAY19	µg/g	0.1	<0.1	8	20	106	70	130	98	70	130
Nickel	EMS0003-MAY19	ug/g	0.5	<0.5	7	20	109	70	130	110	70	130
Lead	EMS0003-MAY19	µg/g	0.1	<0.1	ND	20	101	70	130	97	70	130
Antimony	EMS0003-MAY19	µg/g	0.8	<0.8	ND	20	97	70	130	111	70	130
Selenium	EMS0003-MAY19	µg/g	0.7	<0.7	ND	20	99	70	130	104	70	130
Thallium	EMS0003-MAY19	µg/g	0.02	<0.02	ND	20	99	70	130	104	70	130
Uranium	EMS0003-MAY19	µg/g	0.002	<0.002	3	20	98	70	130	95	70	130
Vanadium	EMS0003-MAY19	µg/g	3	<3	6	20	103	70	130	108	70	130
Zinc	EMS0003-MAY19	µg/g	0.7	<0.7	15	20	101	70	130	105	70	130



FINAL REPORT

CA14948-APR19 R

QC SUMMARY

Petroleum Hydrocarbons (F1)

Method: CCME Tier 1 | Internal ref.: ME-CA-IENVIGC-LAK-AN-010

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
F1 (C6-C10)	GCM0524-APR19	µg/g	10	<10	ND	30	119	80	120	106	60	140

Petroleum Hydrocarbons (F2-F4)

Method: CCME Tier 1 | Internal ref.: ME-CA-IENVIGC-LAK-AN-010

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
F2 (C10-C16)	GCM0005-MAY19	µg/g	10	<10	ND	30	109	80	120	110	60	140
F3 (C16-C34)	GCM0005-MAY19	µg/g	50	<50	ND	30	109	80	120	110	60	140
F4 (C34-C50)	GCM0005-MAY19	µg/g	50	<50	ND	30	109	80	120	110	60	140
F2 (C10-C16)	GCM0508-APR19	µg/g	10	<10	ND	30	120	80	120	120	60	140
F3 (C16-C34)	GCM0508-APR19	µg/g	50	<50	ND	30	120	80	120	120	60	140
F4 (C34-C50)	GCM0508-APR19	µg/g	50	<50	ND	30	120	80	120	120	60	140



FINAL REPORT

CA14948-APR19 R

QC SUMMARY

Petroleum Hydrocarbons (F4G)

Method: CCME Tier 1 | Internal ref.: ME-CA-IENVIGC-LAK-AN-010

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
CCME F4G-sg (GHH)	GCM0024-MAY19	ug/g	200	<200	NA	30	102	80	120	NA	60	140

Volatile Organics

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Benzene	GCM0524-APR19	µg/g	0.02	<0.02	ND	50	113	60	130	98	50	140
Ethylbenzene	GCM0524-APR19	µg/g	0.05	<0.05	ND	50	101	60	130	97	50	140
m/p-xylene	GCM0524-APR19	µg/g	0.05	<0.05	ND	50	107	60	130	102	50	140
o-xylene	GCM0524-APR19	µg/g	0.05	<0.05	ND	50	107	60	130	104	50	140
Toluene	GCM0524-APR19	µg/g	0.05	<0.05	ND	50	112	60	130	102	50	140

QC SUMMARY

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate laboratory accuracy with sample matrix effects.

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS Insufficient sample for analysis.

RL Reporting Limit.

↑ Reporting limit raised.

↓ Reporting limit lowered.

NA The sample was not analysed for this analyte

ND Non Detect

Samples analysed as received. Solid samples expressed on a dry weight basis. "Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.

Analysis conducted on samples submitted pursuant to or as part of Reg. 153/04, are in accordance to the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act" published by the Ministry and dated March 9, 2004 as amended.

SGS provides criteria information (such as regulatory or guideline limits and summary of limit exceedances) as a service. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. Comparison to the most current criteria is the responsibility of the client and SGS assumes no responsibility for the accuracy of the criteria levels indicated. This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents.

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-- End of Analytical Report --



Environment, Health & Safety - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Concession Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

Request for Laboratory Services and CHAIN OF CUSTODY

No: 006719

Page 1 of 2

Received By: Cindy Brax

Received Date (mm/dd/yyyy): 04/26/19 (mm/dd/yyyy)

Received Time: 14:30

Received By (signature): Cindy Brax
Custody Seal Present: ☐
Custody Seal Intact: ☐

Cooling Agent Present: ☒
Temperature Upon Receipt (°C): 10.11

LAB LIMS #: CA4948-1919

REPORT INFORMATION

Company: WSP Canada Inc.

Contact: Trevor Baldson

Address: 894 Rink Street Suite 103

Phone: 705-312-0116

Email: _____

Email: trevor.baldson@wsp.com

☒ (same as Report Information)

Company: _____

Contact: _____

Address: _____

Phone: _____

Email: _____

INVOICE INFORMATION

Quotation #: 2019 309

Project #: 191-05086-00

Site Location/ID: Reel Street

☒ Regular TAT (5-7 days)

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days

PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date: _____

Rush Confirmation ID: _____

NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

Regulation 153/04:

☒ Table 1 ☒ R/P/I Soil Texture: _____
☐ Table 2 ☐ I/C/C Coarse _____
☐ Table 3 ☒ NO Medium _____
☐ Table _____ Fine _____

Other Regulations:

☐ Reg 347/558 (3 Day min TAT)
☐ PWQO ☐ MMER
☐ CCME ☐ Other: _____
☐ MISA

Sewer By-Law:

☐ Sanitary
☐ Storm
Municipality: _____

RECORD OF SITE CONDITION (RSC)

☐ YES ☒ NO

SAMPLE IDENTIFICATION

DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX
TPSA - G51	Apr 13/19	4	Soil
TPSB - G52			
TPGA - G51			
TPGB - G52			
TP7A - G51			
TP7B - G52			
TP8A - G51			
TP8B - G52			
TP9A - G52			
TP9B - G51			
TP10A - G52			
TP10B - G51			

Field Filtered (Y/N)

Metals & Inorganics

PAH ☐ ABN ☐ SVOC(all) ☐

PCB Total ☐ Aroclor ☐

PHC F1-F4 ☒ VOC ☐

BTEX ☐ BTEX/F1 ☐ F2-F4 ☐

VOC ☐ BTEX ☐ THM ☐

Pesticides OC ☐ OP ☐

TCLP M&I ☐ VOC ☐ PCB ☐

B(a)P ☐ ABN ☐ Ignit. ☐

Water Pkg Gen. ☐ Ext. ☐

Sewer Use:

0. Reg 153 ORP Mercury

" " " SAR

" " " Electrical Conductivity

0. Reg 153 ORP Metals

ANALYSIS REQUESTED

COMMENTS:

Observations/Comments/Special Instructions

Sampled By (NAME): Trevor Baldson

Signature: _____

Date: 04/25/19

(mm/dd/yyyy)

Pink Copy - Client

Relinquished by (NAME): Trevor Baldson

Signature: _____

Date: 04/26/19

(mm/dd/yyyy)

Yellow & White Copy - SGS

Request for Laboratory Services and CHAIN OF CUSTODY

No: 006745

Page 2 of 2

Received By: Cindy BaultReceived Date (mm/dd/yyyy): 04/26/19 (mm/dd/yyyy)Received Time: 14:30Received By (signature): Cindy Bault
Custody Seal Present: ☐
Custody Seal Intact: ☐Cooling Agent Present: ☒
Temperature Upon Receipt (°C): 10.11

LAB LIMS #: _____

REPORT INFORMATION

Company: WSP Canada IncContact: Trevor BelsdenAddress: 244 R. & Street, Suite 105Phone: 705-313-0116

Email: _____

Email: trevor.belsden@wsp.ca

INVOICE INFORMATION

☒ (same as Report Information)

Company: _____

Contact: _____

Address: _____

Phone: _____

Email: _____

REGULATIONS

Regulation 153/04:

☒ Table 1 ☒ R/P/I Soil Texture: _____
☐ Table 2 ☐ I/C/C Coarse _____
☐ Table 3 ☒ A/O Medium _____
☐ Table _____ Fine _____

Other Regulations:

☐ Reg 347/558 (3 Day min TAT)
☐ PWQO ☐ MMER
☐ CCME ☐ Other: _____
☐ MISA

Sewer By-Law:

☐ Sanitary
☐ Storm
Municipality: _____

RECORD OF SITE CONDITION (RSC)

☐ YES ☐ NO

SAMPLE IDENTIFICATION

DATE SAMPLED

TIME SAMPLED

OF BOTTLES

MATRIX

1 TP11A-GS2 Apr:12/19 PM 4 Soil2 TP11B-GS1 _____ _____ _____ _____3 TP12A-GS1 _____ _____ _____ _____4 TP12B-GS2 _____ _____ _____ _____5 TP13A-GS1 _____ _____ _____ _____6 TP13B-GS2 _____ _____ _____ _____7 TP14A-GS1 _____ _____ _____ _____8 TP14B-GS2 _____ _____ _____ _____

9 _____ _____ _____ _____

10 _____ _____ _____ _____

11 _____ _____ _____ _____

12 _____ _____ _____ _____

Observations/Comments/Special Instructions

Sampled By (NAME): Trevor BelsdenSignature: Trevor BelsdenDate: 04/25/19 (mm/dd/yyyy)

Pink Copy - Client

Relinquished by (NAME): Trevor BelsdenSignature: Trevor BelsdenDate: 04/26/19 (mm/dd/yyyy)

Yellow & White Copy - SGS

Quotation #: _____

P.O. #: _____

Project #: 191-05086-00Site Location/ID: Bel Street

TURNAROUND TIME (TAT) REQUIRED

☒ Regular TAT (5-7 days)RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days

PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date: _____

Rush Confirmation ID: _____

NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

ANALYSIS REQUESTED

Field Filtered (Y/N) _____
Metals & Inorganics _____
PAH ☐ ABN ☐ SVOC(all) ☐
PCB Total ☐ Aroclor ☐
PHC F1-F4 ☒ VOC ☐
BTX ☐ BTX/F1 ☐ F2-F4 ☐
VOC ☐ BTX ☐ THM ☐
Pesticides OC ☐ OP ☐
TCLP M&I ☐ VOC ☐ PCB ☐
B(a)P ☐ ABN ☐ Ignit. ☐
Water Pkg Gen. ☐ Ext. ☐
Sewer Use: _____
O.Reg 153 ORP Mercury
SAR
Electrical Conductivity
O.Reg 153 ICP Metals

COMMENTS: