

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050115.D	1	05/05/25 09:35	05/06/25 12:04	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	340	ug/Kg
108-95-2	Phenol	22.8	U	22.8	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.1	U	25.1	180	ug/Kg
95-57-8	2-Chlorophenol	25.2	U	25.2	180	ug/Kg
95-48-7	2-Methylphenol	30.8	U	30.8	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38.7	U	38.7	180	ug/Kg
98-86-2	Acetophenone	30.4	U	30.4	180	ug/Kg
65794-96-9	3+4-Methylphenols	42.4	U	42.4	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.9	U	48.9	82.5	ug/Kg
67-72-1	Hexachloroethane	18.1	U	18.1	180	ug/Kg
98-95-3	Nitrobenzene	18.9	U	18.9	180	ug/Kg
78-59-1	Isophorone	33.8	U	33.8	180	ug/Kg
88-75-5	2-Nitrophenol	60.0	U	60.0	180	ug/Kg
105-67-9	2,4-Dimethylphenol	66.8	U	66.8	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	31.8	U	31.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.2	U	29.2	180	ug/Kg
91-20-3	Naphthalene	23.4	U	23.4	180	ug/Kg
106-47-8	4-Chloroaniline	36.5	UQ	36.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.1	U	26.1	180	ug/Kg
105-60-2	Caprolactam	53.7	U	53.7	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29.6	U	29.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	26.4	U	26.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.4	U	20.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.0	U	30.0	180	ug/Kg
92-52-4	1,1-Biphenyl	22.5	U	22.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.2	U	23.2	180	ug/Kg
88-74-4	2-Nitroaniline	49.6	U	49.6	180	ug/Kg
131-11-3	Dimethylphthalate	27.9	U	27.9	180	ug/Kg

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208-96-8	Acenaphthylene	29.8	U	29.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	34.6	U	34.6	180	ug/Kg
99-09-2	3-Nitroaniline	47.4	U	47.4	180	ug/Kg
83-32-9	Acenaphthene	22.0	U	22.0	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	340	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	340	ug/Kg
132-64-9	Dibenzofuran	23.4	U	23.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	180	ug/Kg
84-66-2	Diethylphthalate	29.2	U	29.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27.5	U	27.5	180	ug/Kg
86-73-7	Fluorene	26.1	U	26.1	180	ug/Kg
100-01-6	4-Nitroaniline	66.2	U	66.2	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	33.9	U	33.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28.7	U	28.7	180	ug/Kg
118-74-1	Hexachlorobenzene	26.1	U	26.1	180	ug/Kg
1912-24-9	Atrazine	35.1	U	35.1	180	ug/Kg
87-86-5	Pentachlorophenol	52.9	U	52.9	340	ug/Kg
85-01-8	Phenanthrene	21.5	U	21.5	180	ug/Kg
120-12-7	Anthracene	34.3	U	34.3	180	ug/Kg
86-74-8	Carbazole	32.2	U	32.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	49.4	U	49.4	180	ug/Kg
206-44-0	Fluoranthene	30.9	U	30.9	180	ug/Kg
129-00-0	Pyrene	37.1	U	37.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	73.6	U	73.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37.8	UQ	37.8	340	ug/Kg
56-55-3	Benzo(a)anthracene	23.7	U	23.7	180	ug/Kg
218-01-9	Chrysene	20.5	U	20.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.0	U	61.0	180	ug/Kg
117-84-0	Di-n-octyl phthalate	89.5	U	89.5	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.6	U	19.6	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	23.1	U	23.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	30.4	U	30.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.0	U	30.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.2	U	28.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26.5	U	26.5	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26.4	U	26.4	180	ug/Kg
123-91-1	1,4-Dioxane	46.6	U	46.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.2	U	28.2	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	86.8		30 (18) - 130 (112)	58%	SPK: 150
13127-88-3	Phenol-d6	85.6		30 (15) - 130 (107)	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.1		30 (18) - 130 (107)	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.4		30 (20) - 130 (109)	48%	SPK: 100
118-79-6	2,4,6-Tribromophenol	93.2		30 (10) - 130 (116)	62%	SPK: 150
1718-51-0	Terphenyl-d14	56.0		30 (10) - 130 (105)	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	250000	7.745
1146-65-2	Naphthalene-d8	885000	10.539
15067-26-2	Acenaphthene-d10	599000	14.392
1517-22-2	Phenanthrene-d10	1240000	17.139
1719-03-5	Chrysene-d12	1190000	21.386
1520-96-3	Perylene-d12	1220000	24.374

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB	4.87	ug/Kg
000057-11-4	Octadecanoic acid	830	J	15.6	ug/Kg
000119-61-9	Benzophenone	370	J	15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	1300	J	18.0	ug/Kg
000544-63-8	Tetradecanoic acid	350	J	19.3	ug/Kg
000295-65-8	Cyclohexadecane	99.3	J	21.1	ug/Kg

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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products