

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-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.1
Sample Wt/Vol:	30.03 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
BM050133.D	1	05/05/25 09:35	05/07/25 13:12	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	350	ug/Kg
108-95-2	Phenol	23.7	U	23.7	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.1	U	26.1	180	ug/Kg
95-57-8	2-Chlorophenol	26.2	U	26.2	180	ug/Kg
95-48-7	2-Methylphenol	32.1	U	32.1	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40.2	U	40.2	180	ug/Kg
98-86-2	Acetophenone	31.7	U	31.7	180	ug/Kg
65794-96-9	3+4-Methylphenols	44.1	U	44.1	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.9	U	50.9	85.8	ug/Kg
67-72-1	Hexachloroethane	18.9	U	18.9	180	ug/Kg
98-95-3	Nitrobenzene	19.6	U	19.6	180	ug/Kg
78-59-1	Isophorone	35.2	U	35.2	180	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	180	ug/Kg
105-67-9	2,4-Dimethylphenol	69.5	U	69.5	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.0	U	33.0	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.4	U	30.4	180	ug/Kg
91-20-3	Naphthalene	24.4	U	24.4	180	ug/Kg
106-47-8	4-Chloroaniline	38.0	UQ	38.0	180	ug/Kg
87-68-3	Hexachlorobutadiene	27.1	U	27.1	180	ug/Kg
105-60-2	Caprolactam	55.9	U	55.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.8	U	30.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.5	U	27.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.2	U	21.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31.2	U	31.2	180	ug/Kg
92-52-4	1,1-Biphenyl	23.4	U	23.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	24.1	U	24.1	180	ug/Kg
88-74-4	2-Nitroaniline	51.6	U	51.6	180	ug/Kg
131-11-3	Dimethylphthalate	29.1	U	29.1	180	ug/Kg

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208-96-8	Acenaphthylene	31.0	U	31.0	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	36.1	U	36.1	180	ug/Kg
99-09-2	3-Nitroaniline	49.4	U	49.4	180	ug/Kg
83-32-9	Acenaphthene	22.9	U	22.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	24.4	U	24.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.8	U	53.8	180	ug/Kg
84-66-2	Diethylphthalate	30.4	U	30.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.7	U	28.7	180	ug/Kg
86-73-7	Fluorene	27.1	U	27.1	180	ug/Kg
100-01-6	4-Nitroaniline	68.9	U	68.9	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	35.3	U	35.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.8	U	29.8	180	ug/Kg
118-74-1	Hexachlorobenzene	27.1	U	27.1	180	ug/Kg
1912-24-9	Atrazine	36.5	U	36.5	180	ug/Kg
87-86-5	Pentachlorophenol	55.0	U	55.0	350	ug/Kg
85-01-8	Phenanthrene	22.4	U	22.4	180	ug/Kg
120-12-7	Anthracene	35.7	U	35.7	180	ug/Kg
86-74-8	Carbazole	33.5	U	33.5	180	ug/Kg
84-74-2	Di-n-butylphthalate	51.4	U	51.4	180	ug/Kg
206-44-0	Fluoranthene	100	J	32.2	180	ug/Kg
129-00-0	Pyrene	100	J	38.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	76.6	U	76.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39.4	UQ	39.4	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.7	U	24.7	180	ug/Kg
218-01-9	Chrysene	21.4	U	21.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.5	U	63.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	93.1	U	93.1	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	20.4	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	24.0	U	24.0	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.7	U	31.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.2	U	31.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.4	U	29.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.6	U	27.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.5	U	27.5	180	ug/Kg
123-91-1	1,4-Dioxane	48.5	U	48.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.4	U	29.4	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	74.5		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	79.6		30 (15) - 130 (107)	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.2		30 (18) - 130 (107)	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.4		30 (20) - 130 (109)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.7		30 (10) - 130 (116)	53%	SPK: 150
1718-51-0	Terphenyl-d14	51.4		30 (10) - 130 (105)	51%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	293000	7.739
1146-65-2	Naphthalene-d8	1110000	10.539
15067-26-2	Acenaphthene-d10	760000	14.392
1517-22-2	Phenanthrene-d10	1510000	17.139
1719-03-5	Chrysene-d12	1350000	21.386
1520-96-3	Perylene-d12	1500000	24.379

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	AB	4.86	ug/Kg
000119-61-9	Benzophenone	200	J	15.8	ug/Kg
032811-40-8	(E)-4-(3-Hydroxyprop-1-en-1-yl)-2-	110	J	16.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	1100	J	18.0	ug/Kg
	unknown19.145	310	J	19.1	ug/Kg
000057-11-4	Octadecanoic acid	290	J	19.3	ug/Kg
021738-29-4	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5,8	84.1	J	20.0	ug/Kg

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000593-49-7	Heptacosane	420	J		20.1	ug/Kg
024470-48-2	2-Pentenoic acid, 5-(decahydro-5,5	1900	J		20.5	ug/Kg
013475-75-7	Pentadecane, 8-hexyl-	700	J		20.6	ug/Kg
000629-92-5	Nonadecane	1100	J		21.1	ug/Kg
000630-01-3	Hexacosane	810	J		21.6	ug/Kg
007225-64-1	Heptadecane, 9-octyl-	1300	J		22.1	ug/Kg
000544-77-4	Hexadecane, 1-iodo-	860	J		22.8	ug/Kg
000629-98-1	13-Docosen-1-ol, (Z)-	110	J		23.1	ug/Kg
000629-87-8	2-Methylpentacosane	680	J		23.5	ug/Kg
000297-03-0	Cyclotetracosane	230	J		23.6	ug/Kg
000638-66-4	Octadecanal	230	J		24.9	ug/Kg
000646-31-1	Tetracosane	850	J		25.4	ug/Kg
005638-09-5	Cyclopentane, (4-octyldodecyl)-	330	J		25.5	ug/Kg

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