

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:	LARGE-PILE-E	SDG No.:	Q1937
Lab Sample ID:	Q1937-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.3
Sample Wt/Vol:	30.08 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
BM050119.D	1	05/05/25 09:35	05/06/25 14:41	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	23.9	U	23.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.3	U	26.3	180	ug/Kg
95-57-8	2-Chlorophenol	26.4	U	26.4	180	ug/Kg
95-48-7	2-Methylphenol	32.3	U	32.3	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40.5	U	40.5	180	ug/Kg
98-86-2	Acetophenone	31.9	U	31.9	180	ug/Kg
65794-96-9	3+4-Methylphenols	44.4	U	44.4	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.2	U	51.2	86.4	ug/Kg
67-72-1	Hexachloroethane	19.0	U	19.0	180	ug/Kg
98-95-3	Nitrobenzene	19.8	U	19.8	180	ug/Kg
78-59-1	Isophorone	35.4	U	35.4	180	ug/Kg
88-75-5	2-Nitrophenol	62.9	U	62.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	70.0	U	70.0	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.3	U	33.3	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.6	U	30.6	180	ug/Kg
91-20-3	Naphthalene	24.5	U	24.5	180	ug/Kg
106-47-8	4-Chloroaniline	38.3	UQ	38.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	27.3	U	27.3	180	ug/Kg
105-60-2	Caprolactam	56.3	U	56.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.0	U	31.0	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.7	U	27.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.4	U	21.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31.4	U	31.4	180	ug/Kg
92-52-4	1,1-Biphenyl	23.6	U	23.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	24.3	U	24.3	180	ug/Kg
88-74-4	2-Nitroaniline	52.0	U	52.0	180	ug/Kg
131-11-3	Dimethylphthalate	29.3	U	29.3	180	ug/Kg

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208-96-8	Acenaphthylene	31.2	U	31.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	36.3	U	36.3	180	ug/Kg
99-09-2	3-Nitroaniline	49.7	U	49.7	180	ug/Kg
83-32-9	Acenaphthene	23.0	U	23.0	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	24.5	U	24.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.1	U	54.1	180	ug/Kg
84-66-2	Diethylphthalate	30.6	U	30.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.9	U	28.9	180	ug/Kg
86-73-7	Fluorene	27.3	U	27.3	180	ug/Kg
100-01-6	4-Nitroaniline	69.4	U	69.4	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	35.5	U	35.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.0	U	30.0	180	ug/Kg
118-74-1	Hexachlorobenzene	27.3	U	27.3	180	ug/Kg
1912-24-9	Atrazine	36.7	U	36.7	180	ug/Kg
87-86-5	Pentachlorophenol	55.4	U	55.4	360	ug/Kg
85-01-8	Phenanthrene	22.6	U	22.6	180	ug/Kg
120-12-7	Anthracene	36.0	U	36.0	180	ug/Kg
86-74-8	Carbazole	33.7	U	33.7	180	ug/Kg
84-74-2	Di-n-butylphthalate	51.8	U	51.8	180	ug/Kg
206-44-0	Fluoranthene	32.4	U	32.4	180	ug/Kg
129-00-0	Pyrene	38.9	U	38.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	77.2	U	77.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39.7	UQ	39.7	360	ug/Kg
56-55-3	Benzo(a)anthracene	24.9	U	24.9	180	ug/Kg
218-01-9	Chrysene	21.5	U	21.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.0	U	64.0	180	ug/Kg
117-84-0	Di-n-octyl phthalate	93.8	U	93.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.5	U	20.5	180	ug/Kg

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50-32-8	Benzo(a)pyrene	31.9	U	31.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.4	U	31.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.6	U	29.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.8	U	27.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.7	U	27.7	180	ug/Kg
123-91-1	1,4-Dioxane	48.8	U	48.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.6	U	29.6	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	90.4		30 (18) - 130 (112)	60%	SPK: 150
13127-88-3	Phenol-d6	89.3		30 (15) - 130 (107)	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.0		30 (18) - 130 (107)	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.9		30 (20) - 130 (109)	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.1		30 (10) - 130 (116)	63%	SPK: 150
1718-51-0	Terphenyl-d14	59.1		30 (10) - 130 (105)	59%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	305000	7.745
1146-65-2	Naphthalene-d8	1100000	10.539
15067-26-2	Acenaphthene-d10	735000	14.392
1517-22-2	Phenanthrene-d10	1450000	17.139
1719-03-5	Chrysene-d12	1330000	21.386
1520-96-3	Perylene-d12	1360000	24.374

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB	4.87	ug/Kg
000119-61-9	Benzophenone	250	J	15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	530	J	18.0	ug/Kg
000057-11-4	Octadecanoic acid	96.5	J	19.3	ug/Kg
001599-67-3	1-Docosene	190	J	21.1	ug/Kg
013187-99-0	2-Bromo dodecane	130	J	23.5	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