

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-CMS	SDG No.:	Q1936
Lab Sample ID:	Q1937-05MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
Sample Wt/Vol:	30.02 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
BM050101.D	1	05/05/25 09:35	05/05/25 16:21	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	850		160	350	ug/Kg
108-95-2	Phenol	1600		23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		25.6	180	ug/Kg
95-57-8	2-Chlorophenol	1500		25.7	180	ug/Kg
95-48-7	2-Methylphenol	1600		31.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		39.5	180	ug/Kg
98-86-2	Acetophenone	1500		31.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	1500		43.3	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		49.9	84.2	ug/Kg
67-72-1	Hexachloroethane	1400		18.5	180	ug/Kg
98-95-3	Nitrobenzene	1500		19.3	180	ug/Kg
78-59-1	Isophorone	1400		34.5	180	ug/Kg
88-75-5	2-Nitrophenol	1600		61.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		68.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		32.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		29.8	180	ug/Kg
91-20-3	Naphthalene	1500		23.9	180	ug/Kg
106-47-8	4-Chloroaniline	610		37.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	1500		26.6	180	ug/Kg
105-60-2	Caprolactam	1500		54.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	1500		27.0	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		20.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		30.6	180	ug/Kg
92-52-4	1,1-Biphenyl	1500		23.0	180	ug/Kg
91-58-7	2-Chloronaphthalene	1500		23.7	180	ug/Kg
88-74-4	2-Nitroaniline	1600		50.7	180	ug/Kg
131-11-3	Dimethylphthalate	1500		28.5	180	ug/Kg

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208-96-8	Acenaphthylene	1500		30.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		35.4	180	ug/Kg
99-09-2	3-Nitroaniline	890		48.4	180	ug/Kg
83-32-9	Acenaphthene	1500		22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	350	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1500		23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		52.8	180	ug/Kg
84-66-2	Diethylphthalate	1500		29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		28.1	180	ug/Kg
86-73-7	Fluorene	1500		26.6	180	ug/Kg
100-01-6	4-Nitroaniline	1500		67.6	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		34.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		29.3	180	ug/Kg
118-74-1	Hexachlorobenzene	1500		26.6	180	ug/Kg
1912-24-9	Atrazine	1600		35.8	180	ug/Kg
87-86-5	Pentachlorophenol	3600	E	54.0	350	ug/Kg
85-01-8	Phenanthrene	1500		22.0	180	ug/Kg
120-12-7	Anthracene	1500		35.1	180	ug/Kg
86-74-8	Carbazole	1600		32.9	180	ug/Kg
84-74-2	Di-n-butylphthalate	1500		50.4	180	ug/Kg
206-44-0	Fluoranthene	1600		31.6	180	ug/Kg
129-00-0	Pyrene	1600		37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	1600		75.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	920		38.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	1600		24.2	180	ug/Kg
218-01-9	Chrysene	1500		21.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		62.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		91.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		20.0	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1500		23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	1600		31.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		30.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		28.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		27.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		27.0	180	ug/Kg
123-91-1	1,4-Dioxane	1300		47.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		28.9	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	75.2		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	75.9		30 (15) - 130 (107)	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.5		30 (18) - 130 (107)	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.0		30 (20) - 130 (109)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	75.0		30 (10) - 130 (116)	50%	SPK: 150
1718-51-0	Terphenyl-d14	47.2		30 (10) - 130 (105)	47%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	289000	7.745
1146-65-2	Naphthalene-d8	1030000	10.539
15067-26-2	Acenaphthene-d10	655000	14.392
1517-22-2	Phenanthrene-d10	1260000	17.145
1719-03-5	Chrysene-d12	1210000	21.386
1520-96-3	Perylene-d12	1200000	24.374

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