284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**LOWER-WALL-PILE-A**								
Q1938-01	LOWER-WALL-PILE-A	SOIL	Fluoranthene		100.000	J	32.2	180	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Pyrene		100.000	J	38.6	180	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Benzo(b)fluoranthene		100.000	J	20.4	180	ug/Kg
			Total Svoc :		**300.00**				
Q1938-01	LOWER-WALL-PILE-A	SOIL	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5	*	84.100	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	(E)-4-(3-Hydroxyprop-1-en-1-yl)-	*	110.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	13-Docosen-1-ol, (Z)-	*	110.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	2-Methylpentacosane	*	680.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	AB	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	2-Pentenoic acid, 5-(decahydro-5,	*	1,900.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Benzophenone	*	200.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Cyclopentane, (4-octyldodecyl)-	*	330.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Cyclotetracosane	*	230.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Heptacosane	*	420.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Heptadecane, 9-octyl-	*	1,300.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Hexacosane	*	810.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Hexadecane, 1-iodo-	*	860.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	n-Hexadecanoic acid	*	1,100.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Nonadecane	*	1,100.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Octadecanal	*	230.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Octadecanoic acid	*	290.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Pentadecane, 8-hexyl-	*	700.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Tetracosane	*	850.000	J	0	0	ug/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	unknown19.145	*	310.000	J	0	0	ug/Kg
			Total Tics :		**11,784.10**				
			Total Concentration:		**12,084.10**				
Client ID :	**LOWER-WALL-PILE-B**								
Q1938-03	LOWER-WALL-PILE-B	SOIL	Fluoranthene		84.400	J	31	180	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Pyrene		98.200	J	37.3	180	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Benzo(b)fluoranthene		95.100	J	19.7	180	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Benzo(a)pyrene		72.100	J	30.5	180	ug/Kg
			Total Svoc :		**349.80**				
Q1938-03	LOWER-WALL-PILE-B	SOIL	.alpha.-Pinene	*	71.100	J	0	0	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	AB	0	0	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	2-Pentenoic acid, 5-(decahydro-5,	*	990.000	J	0	0	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Benzophenone	*	180.000	J	0	0	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Cyclohexadecane	*	200.000	J	0	0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q1938-03	LOWER-WALL-PILE-B	SOIL	Eicosane	*	220.000	J	0	0	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Humulene	*	75.200	J	0	0	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	n-Hexadecanoic acid	*	430.000	J	0	0	ug/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Octadecanoic acid	*	86.600	J	0	0	ug/Kg
			Total Tics :		**2,402.90**				
			Total Concentration:		**2,752.70**				
Client ID :	**LOWER-WALL-PILE-C**								
Q1938-05	LOWER-WALL-PILE-C	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	AB	0	0	ug/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Benzophenone	*	370.000	J	0	0	ug/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Cyclohexadecane	*	99.300	J	0	0	ug/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	n-Hexadecanoic acid	*	1,300.000	J	0	0	ug/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Octadecanoic acid	*	830.000	J	0	0	ug/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Tetradecanoic acid	*	350.000	J	0	0	ug/Kg
			Total Tics :		**3,139.30**				
			Total Concentration:		**3,139.30**				
Client ID :	**LOWER-WALL-PILE-D**								
Q1938-07	LOWER-WALL-PILE-D	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	AB	0	0	ug/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Benzophenone	*	210.000	J	0	0	ug/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Cyclotetradecane	*	140.000	J	0	0	ug/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	n-Hexadecanoic acid	*	470.000	J	0	0	ug/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Octadecanoic acid	*	110.000	J	0	0	ug/Kg
			Total Tics :		**1,100.00**				
			Total Concentration:		**1,100.00**				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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)
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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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)
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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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)
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

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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-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.6
Sample Wt/Vol:	30.01 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
BM050120.D	1	05/05/25 09:35	05/06/25 15:20	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	22.9	U	22.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.1	U	25.1	180	ug/Kg
95-57-8	2-Chlorophenol	25.3	U	25.3	180	ug/Kg
95-48-7	2-Methylphenol	30.9	U	30.9	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38.8	U	38.8	180	ug/Kg
98-86-2	Acetophenone	30.5	U	30.5	180	ug/Kg
65794-96-9	3+4-Methylphenols	42.5	U	42.5	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.1	U	49.1	82.8	ug/Kg
67-72-1	Hexachloroethane	18.2	U	18.2	180	ug/Kg
98-95-3	Nitrobenzene	18.9	U	18.9	180	ug/Kg
78-59-1	Isophorone	33.9	U	33.9	180	ug/Kg
88-75-5	2-Nitrophenol	60.2	U	60.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	67.1	U	67.1	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	31.9	U	31.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.3	U	29.3	180	ug/Kg
91-20-3	Naphthalene	23.5	U	23.5	180	ug/Kg
106-47-8	4-Chloroaniline	36.6	UQ	36.6	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.2	U	26.2	180	ug/Kg
105-60-2	Caprolactam	53.9	U	53.9	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29.7	U	29.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	26.5	U	26.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.5	U	20.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.1	U	30.1	180	ug/Kg
92-52-4	1,1-Biphenyl	22.6	U	22.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.3	U	23.3	180	ug/Kg
88-74-4	2-Nitroaniline	49.8	U	49.8	180	ug/Kg
131-11-3	Dimethylphthalate	28.0	U	28.0	180	ug/Kg

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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-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.6
Sample Wt/Vol:	30.01 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
BM050120.D	1	05/05/25 09:35	05/06/25 15:20	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	29.9	U	29.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	34.8	U	34.8	180	ug/Kg
99-09-2	3-Nitroaniline	47.6	U	47.6	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	23.5	U	23.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.8	U	51.8	180	ug/Kg
84-66-2	Diethylphthalate	29.3	U	29.3	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27.6	U	27.6	180	ug/Kg
86-73-7	Fluorene	26.2	U	26.2	180	ug/Kg
100-01-6	4-Nitroaniline	66.4	U	66.4	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.0	U	34.0	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28.8	U	28.8	180	ug/Kg
118-74-1	Hexachlorobenzene	26.2	U	26.2	180	ug/Kg
1912-24-9	Atrazine	35.2	U	35.2	180	ug/Kg
87-86-5	Pentachlorophenol	53.1	U	53.1	340	ug/Kg
85-01-8	Phenanthrene	21.6	U	21.6	180	ug/Kg
120-12-7	Anthracene	34.5	U	34.5	180	ug/Kg
86-74-8	Carbazole	32.3	U	32.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	49.6	U	49.6	180	ug/Kg
206-44-0	Fluoranthene	84.4	J	31.0	180	ug/Kg
129-00-0	Pyrene	98.2	J	37.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	73.9	U	73.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.0	UQ	38.0	340	ug/Kg
56-55-3	Benzo(a)anthracene	23.8	U	23.8	180	ug/Kg
218-01-9	Chrysene	20.6	U	20.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.3	U	61.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	89.8	U	89.8	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.1	J	19.7	180	ug/Kg

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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-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.6
Sample Wt/Vol:	30.01 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
BM050120.D	1	05/05/25 09:35	05/06/25 15:20	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.2	U	23.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	72.1	J	30.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.1	U	30.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.4	U	28.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26.6	U	26.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26.5	U	26.5	180	ug/Kg
123-91-1	1,4-Dioxane	46.8	U	46.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.4	U	28.4	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	71.0		30 (18) - 130 (112)	47%	SPK: 150
13127-88-3	Phenol-d6	71.7		30 (15) - 130 (107)	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	41.9		30 (18) - 130 (107)	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.9		30 (20) - 130 (109)	42%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.9		30 (10) - 130 (116)	47%	SPK: 150
1718-51-0	Terphenyl-d14	48.2		30 (10) - 130 (105)	48%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	314000	7.746			
1146-65-2	Naphthalene-d8	1150000	10.539			
15067-26-2	Acenaphthene-d10	769000	14.392			
1517-22-2	Phenanthrene-d10	1470000	17.139			
1719-03-5	Chrysene-d12	1290000	21.386			
1520-96-3	Perylene-d12	1330000	24.374			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	AB		4.87	ug/Kg
000080-56-8	.alpha.-Pinene	71.1	J		6.43	ug/Kg
006753-98-6	Humulene	75.2	J		14.1	ug/Kg
000119-61-9	Benzophenone	180	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	430	J		18.0	ug/Kg
000057-11-4	Octadecanoic acid	86.6	J		19.3	ug/Kg
024470-48-2	2-Pentenoic acid, 5-(decahydro-5,5	990	J		20.5	ug/Kg

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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-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.6
Sample Wt/Vol:	30.01 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
BM050120.D	1	05/05/25 09:35	05/06/25 15:20	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000295-65-8	Cyclohexadecane	200	J		21.1	ug/Kg
000112-95-8	Eicosane	220	J		23.5	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

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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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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)
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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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)
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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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)

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

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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-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.05 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
BM050116.D	1	05/05/25 09:35	05/06/25 12:44	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	350	ug/Kg
108-95-2	Phenol	23.2	U	23.2	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.5	U	25.5	180	ug/Kg
95-57-8	2-Chlorophenol	25.6	U	25.6	180	ug/Kg
95-48-7	2-Methylphenol	31.4	U	31.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.4	U	39.4	180	ug/Kg
98-86-2	Acetophenone	31.0	U	31.0	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.2	U	43.2	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.8	U	49.8	84.1	ug/Kg
67-72-1	Hexachloroethane	18.5	U	18.5	180	ug/Kg
98-95-3	Nitrobenzene	19.2	U	19.2	180	ug/Kg
78-59-1	Isophorone	34.5	U	34.5	180	ug/Kg
88-75-5	2-Nitrophenol	61.2	U	61.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.1	U	68.1	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.4	U	32.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.7	U	29.7	180	ug/Kg
91-20-3	Naphthalene	23.9	U	23.9	180	ug/Kg
106-47-8	4-Chloroaniline	37.2	UQ	37.2	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.6	U	26.6	180	ug/Kg
105-60-2	Caprolactam	54.8	U	54.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.2	U	30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	26.9	U	26.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.8	U	20.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.6	U	30.6	180	ug/Kg
92-52-4	1,1-Biphenyl	22.9	U	22.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.6	U	23.6	180	ug/Kg
88-74-4	2-Nitroaniline	50.5	U	50.5	180	ug/Kg
131-11-3	Dimethylphthalate	28.5	U	28.5	180	ug/Kg

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Fax : 908 789 8922

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-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.05 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
BM050116.D	1	05/05/25 09:35	05/06/25 12:44	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	30.4	U	30.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.3	U	35.3	180	ug/Kg
99-09-2	3-Nitroaniline	48.3	U	48.3	180	ug/Kg
83-32-9	Acenaphthene	22.4	U	22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	23.9	U	23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	52.6	U	52.6	180	ug/Kg
84-66-2	Diethylphthalate	29.7	U	29.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.1	U	28.1	180	ug/Kg
86-73-7	Fluorene	26.6	U	26.6	180	ug/Kg
100-01-6	4-Nitroaniline	67.5	U	67.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.6	U	34.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.2	U	29.2	180	ug/Kg
118-74-1	Hexachlorobenzene	26.6	U	26.6	180	ug/Kg
1912-24-9	Atrazine	35.7	U	35.7	180	ug/Kg
87-86-5	Pentachlorophenol	53.9	U	53.9	350	ug/Kg
85-01-8	Phenanthrene	22.0	U	22.0	180	ug/Kg
120-12-7	Anthracene	35.0	U	35.0	180	ug/Kg
86-74-8	Carbazole	32.8	U	32.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	50.3	U	50.3	180	ug/Kg
206-44-0	Fluoranthene	31.5	U	31.5	180	ug/Kg
129-00-0	Pyrene	37.8	U	37.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	75.0	U	75.0	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.6	UQ	38.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.2	U	24.2	180	ug/Kg
218-01-9	Chrysene	20.9	U	20.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.2	U	62.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	91.2	U	91.2	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.0	U	20.0	180	ug/Kg

Alliance TECHNICAL GROUP
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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-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.05 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
BM050116.D	1	05/05/25 09:35	05/06/25 12:44	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.5	U	23.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.0	U	31.0	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.6	U	30.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.8	U	28.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.0	U	27.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26.9	U	26.9	180	ug/Kg
123-91-1	1,4-Dioxane	47.5	U	47.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.8	U	28.8	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.4		30 (18) - 130 (112)	54%	SPK: 150
13127-88-3	Phenol-d6	80.9		30 (15) - 130 (107)	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.7		30 (18) - 130 (107)	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.2		30 (20) - 130 (109)	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.4		30 (10) - 130 (116)	54%	SPK: 150
1718-51-0	Terphenyl-d14	52.8		30 (10) - 130 (105)	53%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	281000	7.739			
1146-65-2	Naphthalene-d8	1030000	10.539			
15067-26-2	Acenaphthene-d10	697000	14.392			
1517-22-2	Phenanthrene-d10	1380000	17.139			
1719-03-5	Chrysene-d12	1300000	21.386			
1520-96-3	Perylene-d12	1340000	24.374			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	AB		4.87	ug/Kg
000119-61-9	Benzophenone	210	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	470	J		18.0	ug/Kg
000057-11-4	Octadecanoic acid	110	J		19.3	ug/Kg
000295-17-0	Cyclotetradecane	140	J		21.1	ug/Kg

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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-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.05 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
BM050116.D	1	05/05/25 09:35	05/06/25 12:44	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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LAB CHRONICLE

OrderID:	Q1938	**OrderDate:**	5/1/2025 2:05:00 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1938-01	**LOWER-WALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/07/25	
Q1938-03	**LOWER-WALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	
Q1938-05	**LOWER-WALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	
Q1938-07	**LOWER-WALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	