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

DATA PACKAGE

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : STAN HOPE

SAXTON FALLS SAND AND GRAVEL CO. INC.

66 Waterloo Valley Rd

P.O. Box 576, Stanhope, NJ 07874

Stanhope, NJ - 07874

Phone No: (908) 852-0121

ORDER ID : Q1936

ATTENTION : Rich Schindelar

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1936

Project ID : Stan Hope

Client : Saxton Falls Sand and Gravel Co. Inc.

Lab Sample Number	Client Sample Number
Q1936-01	SMALL-PILE-A
Q1936-02	SMALL-PILE-A
Q1936-03	SMALL-PILE-B
Q1936-04	SMALL-PILE-B
Q1936-05	SMALL-PILE-C
Q1936-06	SMALL-PILE-C
Q1936-07	SMALL-PILE-D
Q1936-08	SMALL-PILE-D

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 5/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : Saxton Falls Sand and Gravel Co. Inc.

Project Location :

Project Number : - Stan Hope

Laboratory Sample ID(s) : Q1936

Sampling Date(s) : 05/01/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **6010D,7196A,7471B,8015D,8081B,8082A,8260D,8270E,9012B,NJEPH**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☑ Yes ☐ No ☐ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1936
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 05/01/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH_NF, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL, TPH GC, Trivalent Chromium and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82Y042225S.M) for Acetone is passing on Linear Regression.

The Continuous Calibration File ID VY022119.D met the requirements except for Methyl Acetate, Associated samples does not have hit for this compound , thefore no further corrective action required.

The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

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The soil samples results are based on a dry weight basis.
Trip Blank was not provided with this set of samples.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Oredr ID # Q1936
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 05/01/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH_NF, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL, TPH GC, Trivalent Chromium and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS {Q1937-05MS} with File ID: BM050101.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[51%], 3-Nitroaniline[49%] and 4-Chloroaniline[34%], these compound did not meet the NJDKQP criteria but met the in-house criteria.

The MSD {Q1937-05MSD} with File ID: BM050102.D recoveries met the acceptable requirements except for 3,3-Dichlorobenzidine[50%], 3-Nitroaniline[51%] and 4-Chloroaniline[37%], these compound did not meet the NJDKQP criteria but met the in-house criteria.

The RPD met criteria.

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The Blank Spike for {PB167857BS} with File ID: BM050114.D met requirements for all samples except for 3,3-Dichlorobenzidine[65%], 4-Chloroaniline[65%], these compound did not meet the NJDKQP criteria but met the in-house criteria.

The Blank analysis did not indicate the presence of lab contamination.

The % RSD is greater than 20% in the Initial Calibration (8270-BM042825.M) for 2,4-Dinitrophenol and 4-Nitrophenol these compound are passing on Linear Regression.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

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CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1936
Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 05/01/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH_NF, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL, TPH GC, Trivalent Chromium and VOC-TCLVOA-10. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MS recoveries met the requirements for all compounds.
The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1936
Test Name: PCB

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 05/01/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH_NF, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL, TPH GC, Trivalent Chromium and VOC-TCLVOA-10. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1936
Test Name: TPH GC

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 05/01/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH_NF, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL, TPH GC, Trivalent Chromium and VOC-TCLVOA-10. This data package contains results for TPH GC.

C. Analytical Techniques:
The analysis of TPH GC was based on method 8015D and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.

The MS {Q1936-01MS} with File ID: FF015799.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[62.5%] Due to matrix interference.

The MSD {Q1936-01MSD} with File ID: FF015800.D recoveries met the acceptable requirements except for Petroleum Hydrocarbons[57.1%]Due to matrix interference .

The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:

The soil samples results are based on a dry weight basis.

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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1936
Test Name: EPH_NF

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 05/01/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH_NF, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL, TPH GC, Trivalent Chromium and VOC-TCLVOA-10. This data package contains results for EPH_NF.

C. Analytical Techniques:
The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis of EPH_NFs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:

The soil samples results are based on a dry weight basis.

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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1936
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 05/01/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH_NF, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL, TPH GC, Trivalent Chromium and VOC-TCLVOA-10. This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.

The Duplicate (CLEAN-FILLMSD) analysis met criteria for all samples except for Calcium. Due to chemical interference during digestion process.

The Matrix Spike (CLEAN-FILLMS) analysis met criteria for all samples except for Antimony, Barium, Potassium. Due to sample matrix interference.

The Matrix Spike Duplicate (CLEAN-FILLMSD) analysis met criteria for all samples except for Antimony, Barium, Copper, Potassium. Due to sample matrix interference.

The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1936
Test Name: Hexavalent Chromium,Cyanide,Trivalent Chromium

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 05/01/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH_NF, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL, TPH GC, Trivalent Chromium and VOC-TCLVOA-10. This data package contains results for Hexavalent Chromium,Cyanide,Trivalent Chromium.

C. Analytical Techniques:
The analysis of Trivalent Chromium was based on method 6010D, The analysis of Hexavalent Chromium was based on method 7196A and The analysis of Cyanide was based on method 9012B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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Signature_____

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1936

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 05/11/2025

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

Hit Summary Sheet
SW-846

SDG No.: Q1936

Client: Saxton Falls Sand and Gravel Co. Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**SMALL-PILE-B**							
Q1936-04	SMALL-PILE-B	SOIL	Methylene Chloride	3.80	J	3.60	10.1	ug/Kg
			Total Voc :	3.80				
			Total Concentration:	3.80				
Client ID:	**SMALL-PILE-C**							
Q1936-06	SMALL-PILE-C	SOIL	Methylene Chloride	4.00	J	2.60	7.40	ug/Kg
			Total Voc :	4.00				
			Total Concentration:	4.00				
Client ID:	**SMALL-PILE-D**							
Q1936-08	SMALL-PILE-D	SOIL	Methylene Chloride	3.70	J	3.20	8.90	ug/Kg
			Total Voc :	3.70				
			Total Concentration:	3.70				

SAMPLE DATA

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91
Sample Wt/Vol:	6.13 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022142.D	1		05/02/25 20:19	VY050225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	1.00	4.50	ug/Kg
74-87-3	Chloromethane	1.00	U	1.00	4.50	ug/Kg
75-01-4	Vinyl Chloride	0.71	U	0.71	4.50	ug/Kg
74-83-9	Bromomethane	0.96	U	0.96	4.50	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	4.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	4.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.95	U	0.95	4.50	ug/Kg
75-35-4	1,1-Dichloroethene	0.90	U	0.90	4.50	ug/Kg
67-64-1	Acetone	4.20	U	4.20	22.4	ug/Kg
75-15-0	Carbon Disulfide	0.95	U	0.95	4.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.65	U	0.65	4.50	ug/Kg
79-20-9	Methyl Acetate	1.40	U	1.40	4.50	ug/Kg
75-09-2	Methylene Chloride	3.20	U	3.20	9.00	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.77	U	0.77	4.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.72	U	0.72	4.50	ug/Kg
110-82-7	Cyclohexane	0.71	U	0.71	4.50	ug/Kg
78-93-3	2-Butanone	5.90	U	5.90	22.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.87	U	0.87	4.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.67	U	0.67	4.50	ug/Kg
74-97-5	Bromochloromethane	1.00	U	1.00	4.50	ug/Kg
67-66-3	Chloroform	0.75	U	0.75	4.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.83	U	0.83	4.50	ug/Kg
108-87-2	Methylcyclohexane	0.82	U	0.82	4.50	ug/Kg
71-43-2	Benzene	0.71	U	0.71	4.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.71	U	0.71	4.50	ug/Kg
79-01-6	Trichloroethene	0.73	U	0.73	4.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.82	U	0.82	4.50	ug/Kg
75-27-4	Bromodichloromethane	0.70	U	0.70	4.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.20	U	3.20	22.4	ug/Kg
108-88-3	Toluene	0.70	U	0.70	4.50	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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91
Sample Wt/Vol:	6.13 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022142.D	1		05/02/25 20:19	VY050225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.58	U	0.58	4.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.82	U	0.82	4.50	ug/Kg
591-78-6	2-Hexanone	3.30	U	3.30	22.4	ug/Kg
124-48-1	Dibromochloromethane	0.78	U	0.78	4.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.79	U	0.79	4.50	ug/Kg
127-18-4	Tetrachloroethene	0.94	U	0.94	4.50	ug/Kg
108-90-7	Chlorobenzene	0.82	U	0.82	4.50	ug/Kg
100-41-4	Ethyl Benzene	0.60	U	0.60	4.50	ug/Kg
179601-23-1	m/p-Xylenes	1.10	U	1.10	9.00	ug/Kg
95-47-6	o-Xylene	0.73	U	0.73	4.50	ug/Kg
100-42-5	Styrene	0.64	U	0.64	4.50	ug/Kg
75-25-2	Bromoform	0.77	U	0.77	4.50	ug/Kg
98-82-8	Isopropylbenzene	0.70	U	0.70	4.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.50	U	1.50	4.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.40	U	1.40	4.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.30	U	1.30	4.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.60	U	1.60	4.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.70	U	2.70	4.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.90	U	2.90	4.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.7		70 (63) - 130 (155)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (70) - 130 (134)	98%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (74) - 130 (123)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.1		70 (38) - 130 (136)	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	328000	7.707			
540-36-3	1,4-Difluorobenzene	626000	8.609			
3114-55-4	Chlorobenzene-d5	546000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	207000	13.346			

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91
Sample Wt/Vol:	6.13 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022142.D	1		05/02/25 20:19	VY050225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.7
Sample Wt/Vol:	5.27 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022159.D	1		05/05/25 15:08	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.10	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.10	ug/Kg
75-01-4	Vinyl Chloride	0.80	U	0.80	5.10	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.10	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.10	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.10	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.10	ug/Kg
67-64-1	Acetone	4.80	U	4.80	25.3	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.74	U	0.74	5.10	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.10	ug/Kg
75-09-2	Methylene Chloride	3.80	J	3.60	10.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.87	U	0.87	5.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.81	U	0.81	5.10	ug/Kg
110-82-7	Cyclohexane	0.80	U	0.80	5.10	ug/Kg
78-93-3	2-Butanone	6.60	U	6.60	25.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.98	U	0.98	5.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.76	U	0.76	5.10	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.10	ug/Kg
67-66-3	Chloroform	0.85	U	0.85	5.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.94	U	0.94	5.10	ug/Kg
108-87-2	Methylcyclohexane	0.92	U	0.92	5.10	ug/Kg
71-43-2	Benzene	0.80	U	0.80	5.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.80	U	0.80	5.10	ug/Kg
79-01-6	Trichloroethene	0.82	U	0.82	5.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.92	U	0.92	5.10	ug/Kg
75-27-4	Bromodichloromethane	0.79	U	0.79	5.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.3	ug/Kg
108-88-3	Toluene	0.79	U	0.79	5.10	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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.7
Sample Wt/Vol:	5.27 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022159.D	1		05/05/25 15:08	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.66	U	0.66	5.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.63	U	0.63	5.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.93	U	0.93	5.10	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.3	ug/Kg
124-48-1	Dibromochloromethane	0.88	U	0.88	5.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.89	U	0.89	5.10	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.10	ug/Kg
108-90-7	Chlorobenzene	0.92	U	0.92	5.10	ug/Kg
100-41-4	Ethyl Benzene	0.68	U	0.68	5.10	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.1	ug/Kg
95-47-6	o-Xylene	0.83	U	0.83	5.10	ug/Kg
100-42-5	Styrene	0.72	U	0.72	5.10	ug/Kg
75-25-2	Bromoform	0.87	U	0.87	5.10	ug/Kg
98-82-8	Isopropylbenzene	0.79	U	0.79	5.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	5.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		70 (63) - 130 (155)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 (70) - 130 (134)	101%	SPK: 50
2037-26-5	Toluene-d8	49.1		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.5		70 (38) - 130 (136)	77%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	228000	7.707			
540-36-3	1,4-Difluorobenzene	442000	8.615			
3114-55-4	Chlorobenzene-d5	390000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.346			

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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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.7
Sample Wt/Vol:	5.27 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022159.D	1		05/05/25 15:08	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.2
Sample Wt/Vol:	7.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022160.D	1		05/05/25 15:31	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.84	U	0.84	3.70	ug/Kg
74-87-3	Chloromethane	0.84	U	0.84	3.70	ug/Kg
75-01-4	Vinyl Chloride	0.58	U	0.58	3.70	ug/Kg
74-83-9	Bromomethane	0.79	U	0.79	3.70	ug/Kg
75-00-3	Chloroethane	0.93	U	0.93	3.70	ug/Kg
75-69-4	Trichlorofluoromethane	0.89	U	0.89	3.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.78	U	0.78	3.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.74	U	0.74	3.70	ug/Kg
67-64-1	Acetone	3.50	U	3.50	18.5	ug/Kg
75-15-0	Carbon Disulfide	0.78	U	0.78	3.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.54	U	0.54	3.70	ug/Kg
79-20-9	Methyl Acetate	1.10	U	1.10	3.70	ug/Kg
75-09-2	Methylene Chloride	4.00	J	2.60	7.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.64	U	0.64	3.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.59	U	0.59	3.70	ug/Kg
110-82-7	Cyclohexane	0.58	U	0.58	3.70	ug/Kg
78-93-3	2-Butanone	4.80	U	4.80	18.5	ug/Kg
56-23-5	Carbon Tetrachloride	0.72	U	0.72	3.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.55	U	0.55	3.70	ug/Kg
74-97-5	Bromochloromethane	0.85	U	0.85	3.70	ug/Kg
67-66-3	Chloroform	0.62	U	0.62	3.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.69	U	0.69	3.70	ug/Kg
108-87-2	Methylcyclohexane	0.67	U	0.67	3.70	ug/Kg
71-43-2	Benzene	0.58	U	0.58	3.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.58	U	0.58	3.70	ug/Kg
79-01-6	Trichloroethene	0.60	U	0.60	3.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.67	U	0.67	3.70	ug/Kg
75-27-4	Bromodichloromethane	0.58	U	0.58	3.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.60	U	2.60	18.5	ug/Kg
108-88-3	Toluene	0.58	U	0.58	3.70	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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.2
Sample Wt/Vol:	7.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022160.D	1		05/05/25 15:31	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.48	U	0.48	3.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.46	U	0.46	3.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.68	U	0.68	3.70	ug/Kg
591-78-6	2-Hexanone	2.70	U	2.70	18.5	ug/Kg
124-48-1	Dibromochloromethane	0.64	U	0.64	3.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.65	U	0.65	3.70	ug/Kg
127-18-4	Tetrachloroethene	0.78	U	0.78	3.70	ug/Kg
108-90-7	Chlorobenzene	0.67	U	0.67	3.70	ug/Kg
100-41-4	Ethyl Benzene	0.50	U	0.50	3.70	ug/Kg
179601-23-1	m/p-Xylenes	0.92	U	0.92	7.40	ug/Kg
95-47-6	o-Xylene	0.61	U	0.61	3.70	ug/Kg
100-42-5	Styrene	0.52	U	0.52	3.70	ug/Kg
75-25-2	Bromoform	0.64	U	0.64	3.70	ug/Kg
98-82-8	Isopropylbenzene	0.58	U	0.58	3.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.89	U	0.89	3.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.30	U	1.30	3.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.20	U	1.20	3.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.10	U	1.10	3.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	3.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.20	U	2.20	3.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.40	U	2.40	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.5		70 (63) - 130 (155)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	49.1		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.0		70 (38) - 130 (136)	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	226000	7.713			
540-36-3	1,4-Difluorobenzene	438000	8.616			
3114-55-4	Chlorobenzene-d5	386000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	139000	13.346			

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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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96.2
Sample Wt/Vol:	7.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022160.D	1		05/05/25 15:31	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.1
Sample Wt/Vol:	5.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022161.D	1		05/05/25 15:55	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	1.00	4.50	ug/Kg
74-87-3	Chloromethane	1.00	U	1.00	4.50	ug/Kg
75-01-4	Vinyl Chloride	0.71	U	0.71	4.50	ug/Kg
74-83-9	Bromomethane	0.96	U	0.96	4.50	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	4.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	4.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.95	U	0.95	4.50	ug/Kg
75-35-4	1,1-Dichloroethene	0.89	U	0.89	4.50	ug/Kg
67-64-1	Acetone	4.20	U	4.20	22.3	ug/Kg
75-15-0	Carbon Disulfide	0.95	U	0.95	4.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.65	U	0.65	4.50	ug/Kg
79-20-9	Methyl Acetate	1.40	U	1.40	4.50	ug/Kg
75-09-2	Methylene Chloride	3.70	J	3.20	8.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.77	U	0.77	4.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.71	U	0.71	4.50	ug/Kg
110-82-7	Cyclohexane	0.71	U	0.71	4.50	ug/Kg
78-93-3	2-Butanone	5.80	U	5.80	22.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.87	U	0.87	4.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.67	U	0.67	4.50	ug/Kg
74-97-5	Bromochloromethane	1.00	U	1.00	4.50	ug/Kg
67-66-3	Chloroform	0.75	U	0.75	4.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.83	U	0.83	4.50	ug/Kg
108-87-2	Methylcyclohexane	0.81	U	0.81	4.50	ug/Kg
71-43-2	Benzene	0.71	U	0.71	4.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.71	U	0.71	4.50	ug/Kg
79-01-6	Trichloroethene	0.72	U	0.72	4.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.81	U	0.81	4.50	ug/Kg
75-27-4	Bromodichloromethane	0.70	U	0.70	4.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.20	U	3.20	22.3	ug/Kg
108-88-3	Toluene	0.70	U	0.70	4.50	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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.1
Sample Wt/Vol:	5.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022161.D	1		05/05/25 15:55	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.58	U	0.58	4.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.55	U	0.55	4.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.82	U	0.82	4.50	ug/Kg
591-78-6	2-Hexanone	3.30	U	3.30	22.3	ug/Kg
124-48-1	Dibromochloromethane	0.78	U	0.78	4.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.79	U	0.79	4.50	ug/Kg
127-18-4	Tetrachloroethene	0.94	U	0.94	4.50	ug/Kg
108-90-7	Chlorobenzene	0.81	U	0.81	4.50	ug/Kg
100-41-4	Ethyl Benzene	0.60	U	0.60	4.50	ug/Kg
179601-23-1	m/p-Xylenes	1.10	U	1.10	8.90	ug/Kg
95-47-6	o-Xylene	0.73	U	0.73	4.50	ug/Kg
100-42-5	Styrene	0.63	U	0.63	4.50	ug/Kg
75-25-2	Bromoform	0.77	U	0.77	4.50	ug/Kg
98-82-8	Isopropylbenzene	0.70	U	0.70	4.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.50	U	1.50	4.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.40	U	1.40	4.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.30	U	1.30	4.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.60	U	1.60	4.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.70	U	2.70	4.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.80	U	2.80	4.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.6		70 (63) - 130 (155)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (74) - 130 (123)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.0		70 (38) - 130 (136)	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	221000	7.713			
540-36-3	1,4-Difluorobenzene	435000	8.616			
3114-55-4	Chlorobenzene-d5	389000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	142000	13.346			

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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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.1
Sample Wt/Vol:	5.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022161.D	1		05/05/25 15:55	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	Q1936	**OrderDate:**	5/1/2025 2:00:17 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1936-02	**SMALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			VOC-TCLVOA-10	8260D			05/02/25	
Q1936-04	**SMALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			VOC-TCLVOA-10	8260D			05/05/25	
Q1936-06	**SMALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			VOC-TCLVOA-10	8260D			05/05/25	
Q1936-08	**SMALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			VOC-TCLVOA-10	8260D			05/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1936

Client: Saxton Falls Sand and Gravel Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SMALL-PILE-A**								
Q1936-01	SMALL-PILE-A	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	AB	0	0	ug/Kg
Q1936-01	SMALL-PILE-A	SOIL	Benzophenone	*	270.000	J	0	0	ug/Kg
Q1936-01	SMALL-PILE-A	SOIL	n-Hexadecanoic acid	*	180.000	J	0	0	ug/Kg
			Total Tics :		**650.00**				
			Total Concentration:		**650.00**				
Client ID :	**SMALL-PILE-B**								
Q1936-03	SMALL-PILE-B	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	AB	0	0	ug/Kg
Q1936-03	SMALL-PILE-B	SOIL	Benzophenone	*	220.000	J	0	0	ug/Kg
Q1936-03	SMALL-PILE-B	SOIL	Cyclohexadecane	*	89.700	J	0	0	ug/Kg
Q1936-03	SMALL-PILE-B	SOIL	n-Hexadecanoic acid	*	220.000	J	0	0	ug/Kg
Q1936-03	SMALL-PILE-B	SOIL	Octadecanoic acid	*	74.100	J	0	0	ug/Kg
			Total Tics :		**793.80**				
			Total Concentration:		**793.80**				
Client ID :	**SMALL-PILE-C**								
Q1936-05	SMALL-PILE-C	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	AB	0	0	ug/Kg
Q1936-05	SMALL-PILE-C	SOIL	Benzophenone	*	180.000	J	0	0	ug/Kg
Q1936-05	SMALL-PILE-C	SOIL	n-Hexadecanoic acid	*	120.000	J	0	0	ug/Kg
			Total Tics :		**440.00**				
			Total Concentration:		**440.00**				
Client ID :	**SMALL-PILE-D**								
Q1936-07	SMALL-PILE-D	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	AB	0	0	ug/Kg
Q1936-07	SMALL-PILE-D	SOIL	Benzophenone	*	240.000	J	0	0	ug/Kg
Q1936-07	SMALL-PILE-D	SOIL	n-Hexadecanoic acid	*	180.000	J	0	0	ug/Kg
			Total Tics :		**590.00**				
			Total Concentration:		**590.00**				

SAMPLE DATA

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BP024545.D	1	05/05/25 09:35	05/06/25 13:44	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	24.3	U	24.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.7	U	26.7	190	ug/Kg
95-57-8	2-Chlorophenol	26.9	U	26.9	190	ug/Kg
95-48-7	2-Methylphenol	32.9	U	32.9	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.3	U	41.3	190	ug/Kg
98-86-2	Acetophenone	32.5	U	32.5	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.2	U	45.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.2	U	52.2	88.0	ug/Kg
67-72-1	Hexachloroethane	19.4	U	19.4	190	ug/Kg
98-95-3	Nitrobenzene	20.1	U	20.1	190	ug/Kg
78-59-1	Isophorone	36.1	U	36.1	190	ug/Kg
88-75-5	2-Nitrophenol	64.1	U	64.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	71.3	U	71.3	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.9	U	33.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.1	U	31.1	190	ug/Kg
91-20-3	Naphthalene	25.0	U	25.0	190	ug/Kg
106-47-8	4-Chloroaniline	39.0	UQ	39.0	190	ug/Kg
87-68-3	Hexachlorobutadiene	27.8	U	27.8	190	ug/Kg
105-60-2	Caprolactam	57.3	U	57.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.6	U	31.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.2	U	28.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.8	U	21.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.0	U	32.0	190	ug/Kg
92-52-4	1,1-Biphenyl	24.0	U	24.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	24.8	U	24.8	190	ug/Kg
88-74-4	2-Nitroaniline	52.9	U	52.9	190	ug/Kg
131-11-3	Dimethylphthalate	29.8	U	29.8	190	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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BP024545.D	1	05/05/25 09:35	05/06/25 13:44	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	31.8	U	31.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.0	U	37.0	190	ug/Kg
99-09-2	3-Nitroaniline	50.6	U	50.6	190	ug/Kg
83-32-9	Acenaphthene	23.4	U	23.4	190	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	25.0	U	25.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.1	U	55.1	190	ug/Kg
84-66-2	Diethylphthalate	31.1	U	31.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.4	U	29.4	190	ug/Kg
86-73-7	Fluorene	27.8	U	27.8	190	ug/Kg
100-01-6	4-Nitroaniline	70.7	U	70.7	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.2	U	36.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.6	U	30.6	190	ug/Kg
118-74-1	Hexachlorobenzene	27.8	U	27.8	190	ug/Kg
1912-24-9	Atrazine	37.4	U	37.4	190	ug/Kg
87-86-5	Pentachlorophenol	56.5	U	56.5	360	ug/Kg
85-01-8	Phenanthrene	23.0	U	23.0	190	ug/Kg
120-12-7	Anthracene	36.6	U	36.6	190	ug/Kg
86-74-8	Carbazole	34.3	U	34.3	190	ug/Kg
84-74-2	Di-n-butylphthalate	52.7	U	52.7	190	ug/Kg
206-44-0	Fluoranthene	33.0	U	33.0	190	ug/Kg
129-00-0	Pyrene	39.6	U	39.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	78.6	U	78.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.4	UQ	40.4	360	ug/Kg
56-55-3	Benzo(a)anthracene	25.3	U	25.3	190	ug/Kg
218-01-9	Chrysene	21.9	U	21.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.2	U	65.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	95.5	U	95.5	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.9	U	20.9	190	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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BP024545.D	1	05/05/25 09:35	05/06/25 13:44	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.7	U	24.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	32.5	U	32.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.0	U	32.0	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.2	U	30.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.3	U	28.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.2	U	28.2	190	ug/Kg
123-91-1	1,4-Dioxane	49.7	U	49.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.2	U	30.2	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	89.5		30 (18) - 130 (112)	60%	SPK: 150
13127-88-3	Phenol-d6	81.0		30 (15) - 130 (107)	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.6		30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.9		30 (20) - 130 (109)	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		30 (10) - 130 (116)	68%	SPK: 150
1718-51-0	Terphenyl-d14	59.6		30 (10) - 130 (105)	60%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	144000	7.705			
1146-65-2	Naphthalene-d8	558000	10.475			
15067-26-2	Acenaphthene-d10	332000	14.34			
1517-22-2	Phenanthrene-d10	664000	17.134			
1719-03-5	Chrysene-d12	808000	21.575			
1520-96-3	Perylene-d12	971000	24.898			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB		4.88	ug/Kg
000119-61-9	Benzophenone	270	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	180	J		18.1	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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.8
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
BP024545.D	1	05/05/25 09:35	05/06/25 13:44	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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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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.8
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
BM050104.D	1	05/05/25 09:35	05/05/25 18:18	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	23.5	U	23.5	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.9	U	25.9	180	ug/Kg
95-57-8	2-Chlorophenol	26.0	U	26.0	180	ug/Kg
95-48-7	2-Methylphenol	31.8	U	31.8	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.9	U	39.9	180	ug/Kg
98-86-2	Acetophenone	31.4	U	31.4	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.7	U	43.7	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.4	U	50.4	85.1	ug/Kg
67-72-1	Hexachloroethane	18.7	U	18.7	180	ug/Kg
98-95-3	Nitrobenzene	19.5	U	19.5	180	ug/Kg
78-59-1	Isophorone	34.9	U	34.9	180	ug/Kg
88-75-5	2-Nitrophenol	61.9	U	61.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.9	U	68.9	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.8	U	32.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.1	U	30.1	180	ug/Kg
91-20-3	Naphthalene	24.2	U	24.2	180	ug/Kg
106-47-8	4-Chloroaniline	37.7	UQ	37.7	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.9	U	26.9	180	ug/Kg
105-60-2	Caprolactam	55.4	U	55.4	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.5	U	30.5	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.2	U	27.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.1	U	21.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31.0	U	31.0	180	ug/Kg
92-52-4	1,1-Biphenyl	23.2	U	23.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.9	U	23.9	180	ug/Kg
88-74-4	2-Nitroaniline	51.2	U	51.2	180	ug/Kg
131-11-3	Dimethylphthalate	28.8	U	28.8	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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.8
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
BM050104.D	1	05/05/25 09:35	05/05/25 18:18	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	30.7	U	30.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.7	U	35.7	180	ug/Kg
99-09-2	3-Nitroaniline	48.9	U	48.9	180	ug/Kg
83-32-9	Acenaphthene	22.7	U	22.7	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	24.2	U	24.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.3	U	53.3	180	ug/Kg
84-66-2	Diethylphthalate	30.1	U	30.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.4	U	28.4	180	ug/Kg
86-73-7	Fluorene	26.9	U	26.9	180	ug/Kg
100-01-6	4-Nitroaniline	68.3	U	68.3	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	35.0	U	35.0	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.6	U	29.6	180	ug/Kg
118-74-1	Hexachlorobenzene	26.9	U	26.9	180	ug/Kg
1912-24-9	Atrazine	36.2	U	36.2	180	ug/Kg
87-86-5	Pentachlorophenol	54.6	U	54.6	350	ug/Kg
85-01-8	Phenanthrene	22.2	U	22.2	180	ug/Kg
120-12-7	Anthracene	35.4	U	35.4	180	ug/Kg
86-74-8	Carbazole	33.2	U	33.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	51.0	U	51.0	180	ug/Kg
206-44-0	Fluoranthene	31.9	U	31.9	180	ug/Kg
129-00-0	Pyrene	38.3	U	38.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	76.0	U	76.0	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39.0	UQ	39.0	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.5	U	24.5	180	ug/Kg
218-01-9	Chrysene	21.2	U	21.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.0	U	63.0	180	ug/Kg
117-84-0	Di-n-octyl phthalate	92.4	U	92.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.2	U	20.2	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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.8
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
BM050104.D	1	05/05/25 09:35	05/05/25 18:18	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.8	U	23.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.4	U	31.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.0	U	31.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.2	U	29.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.3	U	27.3	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.2	U	27.2	180	ug/Kg
123-91-1	1,4-Dioxane	48.1	U	48.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.2	U	29.2	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	73.7		30 (18) - 130 (112)	49%	SPK: 150
13127-88-3	Phenol-d6	74.8		30 (15) - 130 (107)	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.9		30 (18) - 130 (107)	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.6		30 (20) - 130 (109)	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	74.0		30 (10) - 130 (116)	49%	SPK: 150
1718-51-0	Terphenyl-d14	47.4		30 (10) - 130 (105)	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	282000	7.745			
1146-65-2	Naphthalene-d8	1020000	10.539			
15067-26-2	Acenaphthene-d10	674000	14.392			
1517-22-2	Phenanthrene-d10	1300000	17.145			
1719-03-5	Chrysene-d12	1230000	21.386			
1520-96-3	Perylene-d12	1270000	24.374			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		4.87	ug/Kg
000119-61-9	Benzophenone	220	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	220	J		18.0	ug/Kg
000057-11-4	Octadecanoic acid	74.1	J		19.3	ug/Kg
000295-65-8	Cyclohexadecane	89.7	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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.8
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
BM050104.D	1	05/05/25 09:35	05/05/25 18:18	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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.2
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
BP024546.D	1	05/05/25 09:35	05/06/25 14:25	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	22.7	U	22.7	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.9	U	24.9	170	ug/Kg
95-57-8	2-Chlorophenol	25.0	U	25.0	170	ug/Kg
95-48-7	2-Methylphenol	30.7	U	30.7	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38.5	U	38.5	170	ug/Kg
98-86-2	Acetophenone	30.3	U	30.3	170	ug/Kg
65794-96-9	3+4-Methylphenols	42.2	U	42.2	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.6	U	48.6	82.1	ug/Kg
67-72-1	Hexachloroethane	18.1	U	18.1	170	ug/Kg
98-95-3	Nitrobenzene	18.8	U	18.8	170	ug/Kg
78-59-1	Isophorone	33.7	U	33.7	170	ug/Kg
88-75-5	2-Nitrophenol	59.7	U	59.7	170	ug/Kg
105-67-9	2,4-Dimethylphenol	66.5	U	66.5	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	31.6	U	31.6	170	ug/Kg
120-83-2	2,4-Dichlorophenol	29.0	U	29.0	170	ug/Kg
91-20-3	Naphthalene	23.3	U	23.3	170	ug/Kg
106-47-8	4-Chloroaniline	36.3	UQ	36.3	170	ug/Kg
87-68-3	Hexachlorobutadiene	26.0	U	26.0	170	ug/Kg
105-60-2	Caprolactam	53.5	U	53.5	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29.4	U	29.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	26.3	U	26.3	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.3	U	20.3	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.9	U	29.9	170	ug/Kg
92-52-4	1,1-Biphenyl	22.4	U	22.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	23.1	U	23.1	170	ug/Kg
88-74-4	2-Nitroaniline	49.4	U	49.4	170	ug/Kg
131-11-3	Dimethylphthalate	27.8	U	27.8	170	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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.2
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
BP024546.D	1	05/05/25 09:35	05/06/25 14:25	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	29.7	U	29.7	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	34.5	U	34.5	170	ug/Kg
99-09-2	3-Nitroaniline	47.2	U	47.2	170	ug/Kg
83-32-9	Acenaphthene	21.9	U	21.9	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	340	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	340	ug/Kg
132-64-9	Dibenzofuran	23.3	U	23.3	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.4	U	51.4	170	ug/Kg
84-66-2	Diethylphthalate	29.0	U	29.0	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27.4	U	27.4	170	ug/Kg
86-73-7	Fluorene	26.0	U	26.0	170	ug/Kg
100-01-6	4-Nitroaniline	65.9	U	65.9	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	33.8	U	33.8	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28.5	U	28.5	170	ug/Kg
118-74-1	Hexachlorobenzene	26.0	U	26.0	170	ug/Kg
1912-24-9	Atrazine	34.9	U	34.9	170	ug/Kg
87-86-5	Pentachlorophenol	52.6	U	52.6	340	ug/Kg
85-01-8	Phenanthrene	21.4	U	21.4	170	ug/Kg
120-12-7	Anthracene	34.2	U	34.2	170	ug/Kg
86-74-8	Carbazole	32.0	U	32.0	170	ug/Kg
84-74-2	Di-n-butylphthalate	49.1	U	49.1	170	ug/Kg
206-44-0	Fluoranthene	30.8	U	30.8	170	ug/Kg
129-00-0	Pyrene	36.9	U	36.9	170	ug/Kg
85-68-7	Butylbenzylphthalate	73.3	U	73.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37.7	UQ	37.7	340	ug/Kg
56-55-3	Benzo(a)anthracene	23.6	U	23.6	170	ug/Kg
218-01-9	Chrysene	20.4	U	20.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.7	U	60.7	170	ug/Kg
117-84-0	Di-n-octyl phthalate	89.1	U	89.1	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.5	U	19.5	170	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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.2
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
BP024546.D	1	05/05/25 09:35	05/06/25 14:25	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.0	U	23.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	30.3	U	30.3	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.9	U	29.9	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.1	U	28.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26.4	U	26.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26.3	U	26.3	170	ug/Kg
123-91-1	1,4-Dioxane	46.4	U	46.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.1	U	28.1	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	56.7		30 (18) - 130 (112)	38%	SPK: 150
13127-88-3	Phenol-d6	52.0		30 (15) - 130 (107)	35%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.3		30 (18) - 130 (107)	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.8		30 (20) - 130 (109)	39%	SPK: 100
118-79-6	2,4,6-Tribromophenol	67.1		30 (10) - 130 (116)	45%	SPK: 150
1718-51-0	Terphenyl-d14	41.1		30 (10) - 130 (105)	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	130000	7.705			
1146-65-2	Naphthalene-d8	518000	10.475			
15067-26-2	Acenaphthene-d10	333000	14.34			
1517-22-2	Phenanthrene-d10	703000	17.139			
1719-03-5	Chrysene-d12	830000	21.58			
1520-96-3	Perylene-d12	960000	24.916			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	AB		4.88	ug/Kg
000119-61-9	Benzophenone	180	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	120	J		18.1	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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.2
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
BP024546.D	1	05/05/25 09:35	05/06/25 14:25	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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.2
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
BP024547.D	1	05/05/25 09:35	05/06/25 15:05	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	23.4	U	23.4	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.8	U	25.8	180	ug/Kg
95-57-8	2-Chlorophenol	25.9	U	25.9	180	ug/Kg
95-48-7	2-Methylphenol	31.7	U	31.7	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.8	U	39.8	180	ug/Kg
98-86-2	Acetophenone	31.3	U	31.3	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.6	U	43.6	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.3	U	50.3	84.8	ug/Kg
67-72-1	Hexachloroethane	18.7	U	18.7	180	ug/Kg
98-95-3	Nitrobenzene	19.4	U	19.4	180	ug/Kg
78-59-1	Isophorone	34.8	U	34.8	180	ug/Kg
88-75-5	2-Nitrophenol	61.7	U	61.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.7	U	68.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.7	U	32.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.0	U	30.0	180	ug/Kg
91-20-3	Naphthalene	24.1	U	24.1	180	ug/Kg
106-47-8	4-Chloroaniline	37.5	UQ	37.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.8	U	26.8	180	ug/Kg
105-60-2	Caprolactam	55.3	U	55.3	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.4	U	30.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.1	U	27.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.0	U	21.0	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.9	U	30.9	180	ug/Kg
92-52-4	1,1-Biphenyl	23.1	U	23.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.9	U	23.9	180	ug/Kg
88-74-4	2-Nitroaniline	51.0	U	51.0	180	ug/Kg
131-11-3	Dimethylphthalate	28.7	U	28.7	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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.2
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
BP024547.D	1	05/05/25 09:35	05/06/25 15:05	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	30.6	U	30.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.6	U	35.6	180	ug/Kg
99-09-2	3-Nitroaniline	48.8	U	48.8	180	ug/Kg
83-32-9	Acenaphthene	22.6	U	22.6	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	24.1	U	24.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.1	U	53.1	180	ug/Kg
84-66-2	Diethylphthalate	30.0	U	30.0	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.3	U	28.3	180	ug/Kg
86-73-7	Fluorene	26.8	U	26.8	180	ug/Kg
100-01-6	4-Nitroaniline	68.1	U	68.1	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.9	U	34.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.5	U	29.5	180	ug/Kg
118-74-1	Hexachlorobenzene	26.8	U	26.8	180	ug/Kg
1912-24-9	Atrazine	36.1	U	36.1	180	ug/Kg
87-86-5	Pentachlorophenol	54.4	U	54.4	350	ug/Kg
85-01-8	Phenanthrene	22.2	U	22.2	180	ug/Kg
120-12-7	Anthracene	35.3	U	35.3	180	ug/Kg
86-74-8	Carbazole	33.1	U	33.1	180	ug/Kg
84-74-2	Di-n-butylphthalate	50.8	U	50.8	180	ug/Kg
206-44-0	Fluoranthene	31.8	U	31.8	180	ug/Kg
129-00-0	Pyrene	38.2	U	38.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	75.7	U	75.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.9	UQ	38.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.4	U	24.4	180	ug/Kg
218-01-9	Chrysene	21.1	U	21.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.8	U	62.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	92.1	U	92.1	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.1	U	20.1	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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.2
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
BP024547.D	1	05/05/25 09:35	05/06/25 15:05	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.8	U	23.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.3	U	31.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.9	U	30.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.1	U	29.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.3	U	27.3	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.1	U	27.1	180	ug/Kg
123-91-1	1,4-Dioxane	47.9	U	47.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.1	U	29.1	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	77.5		30 (18) - 130 (112)	52%	SPK: 150
13127-88-3	Phenol-d6	73.5		30 (15) - 130 (107)	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.9		30 (18) - 130 (107)	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.5		30 (20) - 130 (109)	57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	93.9		30 (10) - 130 (116)	63%	SPK: 150
1718-51-0	Terphenyl-d14	56.8		30 (10) - 130 (105)	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	147000	7.705			
1146-65-2	Naphthalene-d8	577000	10.475			
15067-26-2	Acenaphthene-d10	355000	14.334			
1517-22-2	Phenanthrene-d10	704000	17.134			
1719-03-5	Chrysene-d12	824000	21.58			
1520-96-3	Perylene-d12	985000	24.916			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	AB		4.87	ug/Kg
000119-61-9	Benzophenone	240	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	180	J		18.1	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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.2
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
BP024547.D	1	05/05/25 09:35	05/06/25 15:05	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:	Q1936	**OrderDate:**	5/1/2025 2:00:17 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1936-01	**SMALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	
Q1936-03	**SMALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/05/25	
Q1936-05	**SMALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	
Q1936-07	**SMALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1936 **Order ID:** Q1936

Client: Saxton Falls Sand and Gravel Co. Inc. **Project ID:** Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095538.D	1	05/05/25 08:35	05/05/25 14:52	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.90	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.90	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.90	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.00	U	6.00	36.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.8		30 (20) - 150 (144)	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		30 (19) - 150 (148)	95%	SPK: 20

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	90.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095538.D	1	05/05/25 08:35	05/05/25 14:52	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095541.D	1	05/05/25 08:35	05/05/25 16:01	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.80	ug/kg
319-85-7	beta-BHC	0.19	U	0.19	1.80	ug/kg
319-86-8	delta-BHC	0.42	U	0.42	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.80	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.80	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.20	U	0.20	1.80	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.80	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.39	U	0.39	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.80	U	5.80	35.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.6		30 (20) - 150 (144)	113%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.0		30 (19) - 150 (148)	130%	SPK: 20

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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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095541.D	1	05/05/25 08:35	05/05/25 16:01	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.2 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095542.D	1	05/05/25 08:35	05/05/25 16:15	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.70	ug/kg
319-85-7	beta-BHC	0.19	U	0.19	1.70	ug/kg
319-86-8	delta-BHC	0.40	U	0.40	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.70	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.70	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.20	U	0.20	1.70	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.70	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
72-43-5	Methoxychlor	0.38	U	0.38	1.70	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.38	U	0.38	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	33.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.6		30 (20) - 150 (144)	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		30 (19) - 150 (148)	93%	SPK: 20

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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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.2 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095542.D	1	05/05/25 08:35	05/05/25 16:15	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.2 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095543.D	1	05/05/25 08:35	05/05/25 16:28	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.80	ug/kg
319-85-7	beta-BHC	0.19	U	0.19	1.80	ug/kg
319-86-8	delta-BHC	0.41	U	0.41	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.80	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.80	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.20	U	0.20	1.80	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.80	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.39	U	0.39	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	35.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.2		30 (20) - 150 (144)	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.7		30 (19) - 150 (148)	84%	SPK: 20

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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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	94.2 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095543.D	1	05/05/25 08:35	05/05/25 16:28	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q1936	**OrderDate:**	5/1/2025 2:00:17 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1936-01	**SMALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/05/25	
Q1936-02	**SMALL-PILE-A**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-03	**SMALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/05/25	
Q1936-04	**SMALL-PILE-B**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-05	**SMALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/05/25	
Q1936-06	**SMALL-PILE-C**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-07	**SMALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/05/25	
Q1936-08	**SMALL-PILE-D**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1936 **Order ID:** Q1936

Client: Saxton Falls Sand and Gravel Co. Inc. **Project ID:** Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110933.D	1	05/05/25 08:35	05/05/25 13:45	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.7	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.6		30 (32) - 150 (144)	73%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		30 (32) - 150 (175)	74%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110936.D	1	05/05/25 08:35	05/05/25 14:40	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.1	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.1	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.1	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.1	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.1	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.1	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	18.1	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.1	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	18.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.7		30 (32) - 150 (144)	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		30 (32) - 150 (175)	106%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	97.2 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110937.D	1	05/05/25 08:35	05/05/25 14:59	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	17.5	ug/kg
11104-28-2	Aroclor-1221	4.10	U	4.10	17.5	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.5	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.5	ug/kg
12672-29-6	Aroclor-1248	6.10	U	6.10	17.5	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.5	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	17.5	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.5	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	17.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.9		30 (32) - 150 (144)	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		30 (32) - 150 (175)	86%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.2 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110938.D	1	05/05/25 08:35	05/05/25 15:17	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.0	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.0	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	18.0	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	18.0	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.0	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.0	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	18.0	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.0	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	18.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	12.2		30 (32) - 150 (144)	61%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.0		30 (32) - 150 (175)	70%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q1936	**OrderDate:**	5/1/2025 2:00:17 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1936-01	**SMALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
Q1936-02	**SMALL-PILE-A**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-03	**SMALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
Q1936-04	**SMALL-PILE-B**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-05	**SMALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
Q1936-06	**SMALL-PILE-C**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-07	**SMALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
Q1936-08	**SMALL-PILE-D**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	

SAMPLE DATA

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	90.8 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF015798.D	1	05/07/25 09:00	05/07/25 13:45	PB167887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	4830		422	3110	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	9.62		37 - 130	48%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	93.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF015801.D	1	05/07/25 09:00	05/07/25 15:13	PB167887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	10800		409	3020	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	12.2		37 - 130	61%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	97.2 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF015802.D	1	05/07/25 09:00	05/07/25 15:42	PB167887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	9610		395	2910	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	11.0		37 - 130	55%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	94.2 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF015803.D	1	05/07/25 09:00	05/07/25 16:11	PB167887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	9300		407	3000	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	12.7		37 - 130	63%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q1936	**OrderDate:**	5/1/2025 2:00:17 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1936-01	**SMALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1936-02	**SMALL-PILE-A**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-03	**SMALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1936-04	**SMALL-PILE-B**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-05	**SMALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1936-06	**SMALL-PILE-C**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-07	**SMALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1936-08	**SMALL-PILE-D**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	

SAMPLE DATA

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/05/25 09:05	05/05/25 14:14	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.29	U	1	1.29	2.19	mg/kg	FE053641.D
Aliphatic C9-C28	Aliphatic C9-C28	1.00	U	1	1.00	4.39	mg/kg	FE053641.D
Total AliphaticEPH	Total AliphaticEPH	2.29	U		2.29	6.58	mg/kg	
Total EPH	Total EPH	2.29	U		2.29	6.58	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053641.D	1	05/05/25	05/05/25	PB167855

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		1.00	U	1.00	4.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		1.29	U	1.29	2.19	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		35.3		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		34.8		40 - 140	70%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1936-02	Acq On:	05 May 2025 14:14
Client Sample ID:	SMALL-PILE-A	Operator:	YP\AJ
Data file:	FE053641.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	337834	2.438	300	ug/ml
Aliphatic C12-C16	6.756	10.204	828499	5.842	200	ug/ml
Aliphatic C16-C21	10.205	13.579	303441	2.087	300	ug/ml
Aliphatic C21-C28	13.580	17.249	448404	3.154	400	ug/ml
Aliphatic C28-C40	17.250	22.140	186549	1.446	600	ug/ml
Aliphatic EPH	3.112	22.140	2104727	14.968		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	6279475	34.82		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	4771711	35.3		ug/ml
Aliphatic C9-C28	3.112	17.249	1918178	13.521	1200	ug/ml

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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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/05/25 09:05	05/05/25 14:45	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	3.38		1	1.26	2.13	mg/kg	FE053642.D
Aliphatic C9-C28	Aliphatic C9-C28	0.97	U	1	0.97	4.27	mg/kg	FE053642.D
Total AliphaticEPH	Total AliphaticEPH	3.38	J		2.23	6.40	mg/kg	
Total EPH	Total EPH	3.38	J		2.23	6.40	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053642.D	1	05/05/25	05/05/25	PB167855

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.97	U	0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		3.38		1.26	2.13	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		28.0		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		27.5		40 - 140	55%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1936-04	Acq On:	05 May 2025 14:45
Client Sample ID:	SMALL-PILE-B	Operator:	YP\AJ
Data file:	FE053642.D	Misc:	
Instrument:	FID_E	ALS Vial:	7
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	339678	2.451	300	ug/ml
Aliphatic C12-C16	6.756	10.204	588157	4.148	200	ug/ml
Aliphatic C16-C21	10.205	13.579	294826	2.028	300	ug/ml
Aliphatic C21-C28	13.580	17.249	760782	5.351	400	ug/ml
Aliphatic C28-C40	17.250	22.140	6125785	47.469	600	ug/ml
Aliphatic EPH	3.112	22.140	8109228	61.447		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	4959407	27.5		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	3786194	28.01		ug/ml
Aliphatic C9-C28	3.112	17.249	1983443	13.978	1200	ug/ml

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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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/05/25 09:05	05/05/25 15:14	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	2.30		1	1.22	2.08	mg/kg	FE053643.D
Aliphatic C9-C28	Aliphatic C9-C28	0.94	U	1	0.94	4.15	mg/kg	FE053643.D
Total AliphaticEPH	Total AliphaticEPH	2.30	J		2.16	6.23	mg/kg	
Total EPH	Total EPH	2.30	J		2.16	6.23	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053643.D	1	05/05/25	05/05/25	PB167855

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.94	U	0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		2.30		1.22	2.08	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		31.2		40 - 140	62%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1936-06	Acq On:	05 May 2025 15:14
Client Sample ID:	SMALL-PILE-C	Operator:	YP\AJ
Data file:	FE053643.D	Misc:	
Instrument:	FID_E	ALS Vial:	8
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	502288	3.625	300	ug/ml
Aliphatic C12-C16	6.756	10.204	589547	4.157	200	ug/ml
Aliphatic C16-C21	10.205	13.579	273409	1.881	300	ug/ml
Aliphatic C21-C28	13.580	17.249	622148	4.376	400	ug/ml
Aliphatic C28-C40	17.250	22.140	4281875	33.18	600	ug/ml
Aliphatic EPH	3.112	22.140	6269267	47.219		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	5630494	31.22		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	4332602	32.05		ug/ml
Aliphatic C9-C28	3.112	17.249	1987392	14.039	1200	ug/ml

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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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/05/25 09:05	05/05/25 15:45	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	2.04	J	1	1.25	2.12	mg/kg	FE053644.D
Aliphatic C9-C28	Aliphatic C9-C28	0.97	U	1	0.97	4.24	mg/kg	FE053644.D
Total AliphaticEPH	Total AliphaticEPH	2.21	U		2.21	6.36	mg/kg	
Total EPH	Total EPH	2.21	U		2.21	6.36	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053644.D	1	05/05/25	05/05/25	PB167855

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.97	U	0.97	4.24	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		2.04	J	1.25	2.12	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		23.3		40 - 140	47%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		23.1		40 - 140	46%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1936-08	Acq On:	05 May 2025 15:45
Client Sample ID:	SMALL-PILE-D	Operator:	YP\AJ
Data file:	FE053644.D	Misc:	
Instrument:	FID_E	ALS Vial:	9
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	241658	1.744	300	ug/ml
Aliphatic C12-C16	6.756	10.204	476164	3.358	200	ug/ml
Aliphatic C16-C21	10.205	13.579	237458	1.634	300	ug/ml
Aliphatic C21-C28	13.580	17.249	418502	2.944	400	ug/ml
Aliphatic C28-C40	17.250	22.140	3727908	28.887	600	ug/ml
Aliphatic EPH	3.112	22.140	5101690	38.567		ug/ml
ortho-Terphenyl (SURR)	11.864	11.864	4157511	23.05		ug/ml
1-chlorooctadecane (SURR)	13.309	13.309	3150207	23.3		ug/ml
Aliphatic C9-C28	3.112	17.249	1373782	9.68	1200	ug/ml

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LAB CHRONICLE

OrderID:	Q1936	**OrderDate:**	5/1/2025 2:00:17 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1936-02	**SMALL-PILE-A**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-04	**SMALL-PILE-B**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-06	**SMALL-PILE-C**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1936-08	**SMALL-PILE-D**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1936 **Order ID:** Q1936

Client: Saxton Falls Sand and Gravel Co. Inc. **Project ID:** Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SMALL-PILE-A								
Q1936-01	SMALL-PILE-A	SOIL	Aluminum	3440		0.78	4.67	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Arsenic	1.35		0.18	0.93	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Barium	24.1		0.68	4.67	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Beryllium	0.99		0.023	0.28	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Cadmium	4.57		0.022	0.28	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Calcium	1030		10.4	93.3	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Chromium	0.34	J	0.044	0.47	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Cobalt	15.7		0.093	1.40	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Copper	48.5		0.21	0.93	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Iron	10600		3.72	4.67	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Lead	5.21		0.12	0.56	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Magnesium	636		11.2	93.3	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Manganese	509		0.13	0.93	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Nickel	8.02		0.12	1.87	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Potassium	141		25.9	93.3	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Sodium	20.3	J	16.6	93.3	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Thallium	0.39	J	0.22	1.87	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Vanadium	3.17		0.23	1.87	mg/Kg
Q1936-01	SMALL-PILE-A	SOIL	Zinc	42.4		0.22	1.87	mg/Kg
Client ID : SMALL-PILE-B								
Q1936-03	SMALL-PILE-B	SOIL	Aluminum	3610		0.88	5.25	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Arsenic	1.38		0.20	1.05	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Barium	19.2		0.77	5.25	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Beryllium	0.93		0.026	0.32	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Cadmium	3.32		0.025	0.32	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Calcium	864		11.7	105	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Chromium	0.65		0.049	0.53	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Cobalt	14.7		0.11	1.58	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Copper	41.6		0.23	1.05	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Iron	11800		4.19	5.25	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Lead	5.45		0.14	0.63	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Magnesium	459		12.6	105	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Manganese	278		0.15	1.05	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Mercury	0.010	J	0.0070	0.013	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Nickel	5.12		0.14	2.10	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Potassium	162		29.1	105	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Sodium	28.6	J	18.7	105	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1936 **Order ID:** Q1936

Client: Saxton Falls Sand and Gravel Co. Inc. **Project ID:** Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1936-03	SMALL-PILE-B	SOIL	Vanadium	3.71		0.26	2.10	mg/Kg
Q1936-03	SMALL-PILE-B	SOIL	Zinc	19.5		0.24	2.10	mg/Kg
Client ID :	**SMALL-PILE-C**							
Q1936-05	SMALL-PILE-C	SOIL	Aluminum	4580		0.78	4.66	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Arsenic	1.29		0.18	0.93	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Barium	26.7		0.68	4.66	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Beryllium	0.77		0.023	0.28	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Cadmium	0.87		0.022	0.28	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Calcium	778		10.3	93.1	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Chromium	1.97		0.044	0.47	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Cobalt	6.59		0.093	1.40	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Copper	22.5		0.21	0.93	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Iron	13300		3.71	4.66	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Lead	2.87		0.12	0.56	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Magnesium	745		11.2	93.1	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Manganese	282		0.13	0.93	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Mercury	0.0090	J	0.0070	0.013	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Nickel	4.35		0.12	1.86	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Potassium	285		25.8	93.1	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Silver	0.23	J	0.11	0.47	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Sodium	52.7	J	16.6	93.1	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Thallium	0.35	J	0.21	1.86	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Vanadium	6.89		0.23	1.86	mg/Kg
Q1936-05	SMALL-PILE-C	SOIL	Zinc	24.3		0.21	1.86	mg/Kg
Client ID :	**SMALL-PILE-D**							
Q1936-07	SMALL-PILE-D	SOIL	Aluminum	4620		0.84	4.98	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Arsenic	1.57		0.19	1.00	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Barium	37.0		0.73	4.98	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Beryllium	1.00		0.025	0.30	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Cadmium	3.49		0.024	0.30	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Calcium	1170		11.1	99.7	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Chromium	0.52		0.047	0.50	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Cobalt	9.36		0.10	1.50	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Copper	46.9		0.22	1.00	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Iron	19100		3.98	4.98	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Lead	3.84		0.13	0.60	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Magnesium	507		12.0	99.7	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Manganese	570		0.14	1.00	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Nickel	3.16		0.13	1.99	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1936 **Order ID:** Q1936

Client: Saxton Falls Sand and Gravel Co. Inc. **Project ID:** Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1936-07	SMALL-PILE-D	SOIL	Potassium	170		27.6	99.7	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Silver	0.18	J	0.12	0.50	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Sodium	33.3	J	17.7	99.7	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Thallium	1.24	J	0.23	1.99	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Vanadium	5.96		0.25	1.99	mg/Kg
Q1936-07	SMALL-PILE-D	SOIL	Zinc	33.8		0.23	1.99	mg/Kg

SAMPLE DATA

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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:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3440		1	0.78	4.67	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.33	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-38-2	Arsenic	1.35		1	0.18	0.93	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-39-3	Barium	24.1	N	1	0.68	4.67	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-41-7	Beryllium	0.99		1	0.023	0.28	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-43-9	Cadmium	4.57		1	0.022	0.28	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-70-2	Calcium	1030	*	1	10.4	93.3	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-47-3	Chromium	0.34	J	1	0.044	0.47	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-48-4	Cobalt	15.7		1	0.093	1.40	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-50-8	Copper	48.5	N	1	0.21	0.93	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7439-89-6	Iron	10600		1	3.72	4.67	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7439-92-1	Lead	5.21		1	0.12	0.56	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7439-95-4	Magnesium	636		1	11.2	93.3	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7439-96-5	Manganese	509		1	0.13	0.93	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.014	mg/Kg	05/05/25 14:40	05/06/25 10:51	SW7471B	
7440-02-0	Nickel	8.02		1	0.12	1.87	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-09-7	Potassium	141	N	1	25.9	93.3	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.93	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.47	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-23-5	Sodium	20.3	J	1	16.6	93.3	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-28-0	Thallium	0.39	J	1	0.22	1.87	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-62-2	Vanadium	3.17		1	0.23	1.87	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050
7440-66-6	Zinc	42.4		1	0.22	1.87	mg/Kg	05/05/25 10:15	05/07/25 16:30	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	TCL+30/TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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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:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3610		1	0.88	5.25	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.63	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-38-2	Arsenic	1.38		1	0.20	1.05	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-39-3	Barium	19.2	N	1	0.77	5.25	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-41-7	Beryllium	0.93		1	0.026	0.32	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-43-9	Cadmium	3.32		1	0.025	0.32	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-70-2	Calcium	864	*	1	11.7	105	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-47-3	Chromium	0.65		1	0.049	0.53	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-48-4	Cobalt	14.7		1	0.11	1.58	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-50-8	Copper	41.6	N	1	0.23	1.05	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7439-89-6	Iron	11800		1	4.19	5.25	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7439-92-1	Lead	5.45		1	0.14	0.63	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7439-95-4	Magnesium	459		1	12.6	105	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7439-96-5	Manganese	278		1	0.15	1.05	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7439-97-6	Mercury	0.010	J	1	0.0070	0.013	mg/Kg	05/05/25 14:40	05/06/25 11:00	SW7471B	
7440-02-0	Nickel	5.12		1	0.14	2.10	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-09-7	Potassium	162	N	1	29.1	105	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.05	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.53	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-23-5	Sodium	28.6	J	1	18.7	105	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.10	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-62-2	Vanadium	3.71		1	0.26	2.10	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050
7440-66-6	Zinc	19.5		1	0.24	2.10	mg/Kg	05/05/25 10:15	05/07/25 16:35	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	TCL+30/TAL				

U = Not Detected
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OR = Over Range
N =Spiked sample recovery not within control limits

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:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	97.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4580		1	0.78	4.66	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.33	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-38-2	Arsenic	1.29		1	0.18	0.93	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-39-3	Barium	26.7	N	1	0.68	4.66	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-41-7	Beryllium	0.77		1	0.023	0.28	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-43-9	Cadmium	0.87		1	0.022	0.28	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-70-2	Calcium	778	*	1	10.3	93.1	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-47-3	Chromium	1.97		1	0.044	0.47	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-48-4	Cobalt	6.59		1	0.093	1.40	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-50-8	Copper	22.5	N	1	0.21	0.93	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7439-89-6	Iron	13300		1	3.71	4.66	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7439-92-1	Lead	2.87		1	0.12	0.56	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7439-95-4	Magnesium	745		1	11.2	93.1	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7439-96-5	Manganese	282		1	0.13	0.93	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7439-97-6	Mercury	0.0090	J	1	0.0070	0.013	mg/Kg	05/05/25 14:40	05/06/25 11:07	SW7471B	
7440-02-0	Nickel	4.35		1	0.12	1.86	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-09-7	Potassium	285	N	1	25.8	93.1	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.93	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-22-4	Silver	0.23	J	1	0.11	0.47	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-23-5	Sodium	52.7	J	1	16.6	93.1	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-28-0	Thallium	0.35	J	1	0.21	1.86	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-62-2	Vanadium	6.89		1	0.23	1.86	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050
7440-66-6	Zinc	24.3		1	0.21	1.86	mg/Kg	05/05/25 10:15	05/07/25 16:39	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	TCL+30/TAL				

U = Not Detected
LOQ = Limit of Quantitation
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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:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4620		1	0.84	4.98	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.49	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-38-2	Arsenic	1.57		1	0.19	1.00	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-39-3	Barium	37.0	N	1	0.73	4.98	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-41-7	Beryllium	1.00		1	0.025	0.30	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-43-9	Cadmium	3.49		1	0.024	0.30	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-70-2	Calcium	1170	*	1	11.1	99.7	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-47-3	Chromium	0.52		1	0.047	0.50	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-48-4	Cobalt	9.36		1	0.10	1.50	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-50-8	Copper	46.9	N	1	0.22	1.00	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7439-89-6	Iron	19100		1	3.98	4.98	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7439-92-1	Lead	3.84		1	0.13	0.60	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7439-95-4	Magnesium	507		1	12.0	99.7	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7439-96-5	Manganese	570		1	0.14	1.00	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7439-97-6	Mercury	0.0070	U	1	0.0070	0.013	mg/Kg	05/05/25 14:40	05/06/25 11:09	SW7471B	
7440-02-0	Nickel	3.16		1	0.13	1.99	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-09-7	Potassium	170	N	1	27.6	99.7	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	1.00	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-22-4	Silver	0.18	J	1	0.12	0.50	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-23-5	Sodium	33.3	J	1	17.7	99.7	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-28-0	Thallium	1.24	J	1	0.23	1.99	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-62-2	Vanadium	5.96		1	0.25	1.99	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050
7440-66-6	Zinc	33.8		1	0.23	1.99	mg/Kg	05/05/25 10:15	05/07/25 16:43	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	TCL+30/TAL				

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N =Spiked sample recovery not within control limits

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LAB CHRONICLE

OrderID:	Q1936	**OrderDate:**	5/1/2025 2:00:17 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1936-01	**SMALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/07/25	
Q1936-03	**SMALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/07/25	
Q1936-05	**SMALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/07/25	
Q1936-07	**SMALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/07/25	

SAMPLE DATA

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25 10:50
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-01	Matrix:	SOIL
		% Solid:	90.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.25	J	1	0.045	0.27	mg/Kg	05/06/25 11:00	05/07/25 11:09	9012B
Hexavalent Chromium	0.069	U	1	0.069	0.39	mg/Kg	05/02/25 08:50	05/02/25 13:38	7196A
Trivalent Chromium	0.55	U	1	0.55	0.55	mg/Kg		05/07/25 16:30	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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H = Sample Analysis Out Of Hold Time

J = Estimated Value
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N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25 11:00
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-03	Matrix:	SOIL
		% Solid:	93.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.11	J	1	0.044	0.26	mg/Kg	05/06/25 11:00	05/07/25 11:09	9012B
Hexavalent Chromium	0.068	U	1	0.068	0.39	mg/Kg	05/02/25 08:50	05/02/25 13:39	7196A
Trivalent Chromium	0.65		1	0.53	0.53	mg/Kg		05/07/25 16:35	6010D

Comments:

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MDL = Method Detection Limit
LOD = Limit of Detection
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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25 11:10
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-05	Matrix:	SOIL
		% Solid:	97.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.058	J	1	0.042	0.25	mg/Kg	05/06/25 11:00	05/07/25 11:17	9012B
Hexavalent Chromium	0.069	U	1	0.069	0.40	mg/Kg	05/02/25 08:50	05/02/25 13:40	7196A
Trivalent Chromium	1.97		1	0.51	0.51	mg/Kg		05/07/25 16:39	6010D

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
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H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
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E = Indicates the reported value is estimated because of the presence of interference.
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N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25 11:16
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-07	Matrix:	SOIL
		% Solid:	94.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.10	J	1	0.043	0.26	mg/Kg	05/06/25 11:00	05/07/25 11:09	9012B
Hexavalent Chromium	0.069	U	1	0.069	0.40	mg/Kg	05/02/25 08:50	05/02/25 13:41	7196A
Trivalent Chromium	0.53	U	1	0.53	0.53	mg/Kg		05/07/25 16:43	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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LAB CHRONICLE

OrderID:	Q1936	**OrderDate:**	5/1/2025 2:00:17 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1936-01	**SMALL-PILE-A**	**SOIL**			**05/01/25 10:50**			**05/01/25**
			Cyanide	9012B		05/06/25	05/07/25 11:09	
			Hexavalent Chromium	7196A		05/02/25	05/02/25 13:38	
			Trivalent Chromium	6010D			05/07/25 16:30	
Q1936-03	**SMALL-PILE-B**	**SOIL**			**05/01/25 11:00**			**05/01/25**
			Cyanide	9012B		05/06/25	05/07/25 11:09	
			Hexavalent Chromium	7196A		05/02/25	05/02/25 13:39	
			Trivalent Chromium	6010D			05/07/25 16:35	
Q1936-05	**SMALL-PILE-C**	**SOIL**			**05/01/25 11:10**			**05/01/25**
			Cyanide	9012B		05/06/25	05/07/25 11:17	
			Hexavalent Chromium	7196A		05/02/25	05/02/25 13:40	
			Trivalent Chromium	6010D			05/07/25 16:39	
Q1936-07	**SMALL-PILE-D**	**SOIL**			**05/01/25 11:16**			**05/01/25**
			Cyanide	9012B		05/06/25	05/07/25 11:09	
			Hexavalent Chromium	7196A		05/02/25	05/02/25 13:41	

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LAB CHRONICLE

Trivalent Chromium	6010D	05/07/25 16:43

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1936
COC Number 2045843

13
13.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: OAKTON FALL Sand Gravel
ADDRESS: 3000 International Drive
CITY Budd Lake STATE: N.J. ZIP:
ATTENTION: Rich Schindelar
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Stan Hope
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY same STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ US EPA CLP
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1. Hex Chrom
2. PCB
3. SVOC-TCL BNA - 8270
4. TPH GC
5. Trivalent Chrom
6. Cyanide
7. VOC-TCL VOA - 8260
8. EPH
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Small pile - A	SOL	X		5.1.25	10:50	4	X	X	X	X	X	X				PID=0.0
2.	A			X		10:52	5							X	X		
3.	B		X			11:00	4	X	X	X	X	X	X				
4.	B			X		11:04	5							X	X		
5.	C		X			11:10	4	X	X	X	X	X	X				
6.	C			X		11:12	5							X	X		
7.	D		X			11:16	4	X	X	X	X	X	X				
8.	D			X		11:18	5							X	X		
9.																	
10.																	

PRESERVATIVES: ← Specify Preservatives — A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME	
RELINQUISHED BY SAMPLER: 1.	5.1.2025 1410	RECEIVED BY: 1.
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	5.1.2025 1540	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 4.1°C °C
Comments: PID Meter Calibrated 5.1.2025 (Adjusted Factor + 1) ×1
Equal volume of soil used, 5:1 composite

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

Q1936

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT — YELLOW - ALLIANCE COPY — PINK - SAMPLER COPY

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Stan Hope
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 3000 International Drive, Budd lake, N.J.

Chemtech Order ID:
Sampler Name: Lawrence Carter
Client Project Coordinator & Phone:
Page #: 1 of 1
Date: 5.1.2025
Arrive Time: 0830
Depart Time: 1410

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe

Collection Depths:
Dimensions/CY:
Temp (range): °C PID Readings (range): PPM Odor: Y / (N) Color (Y) N
Sample Description: Brown soil, Rocks.
Field Observations: Sampled, small pile, Large Pile, Lower well pile.

Grid/Area Composite Map:

QA Control # A3041134

See attached

Sampler Signature: L. Carter 5.1.2025
Client Signature:
Supervisor Review/Date:
Date/Time Arrived at Lab:

LOWER WALL PILE

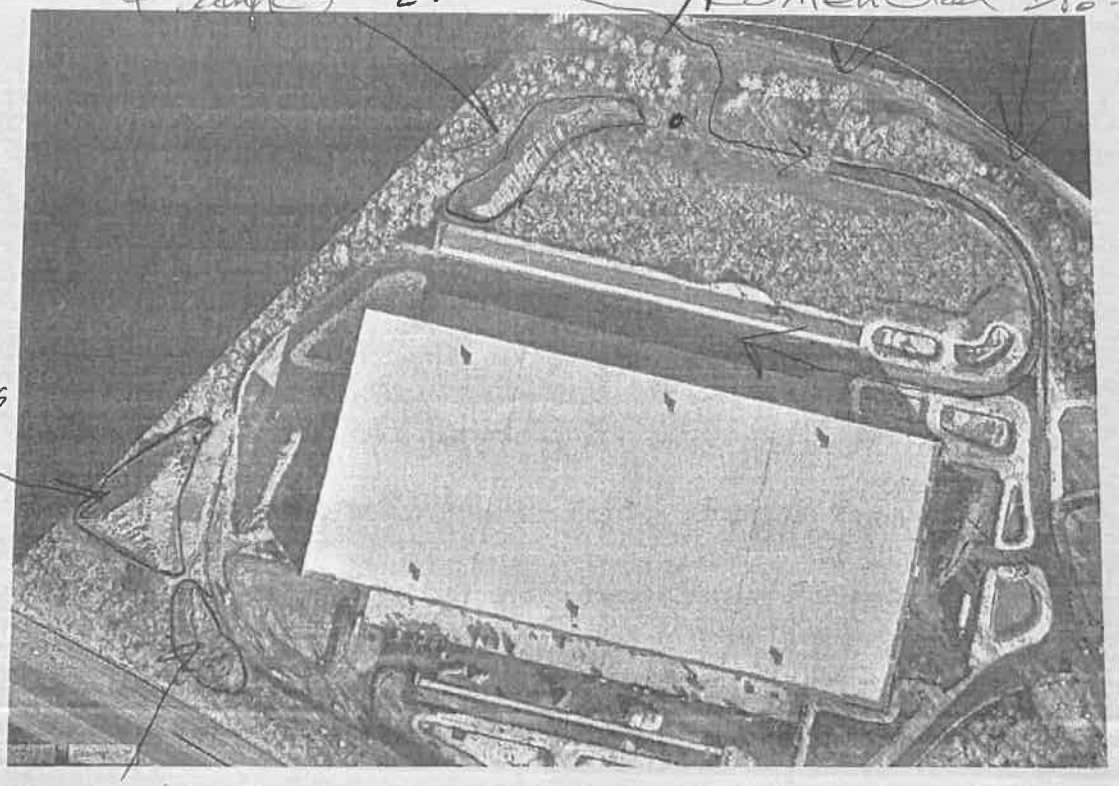
EXHIBIT 1

Soil Piles for Sampling 4 tests

Piles for sampling are circled in red

4 Samples 23" H

Kontenental Dr.



6 Samples

Large Pile

30" H

4 Samples

Small pile 20" H

Total 14 Samples.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

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13.3

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q1936 SAXT01	**Order Date :**	5/1/2025 2:00:17 PM	**Project Mgr :**	
Client Name :	Saxton Falls Sand and Grav	**Project Name :**	Stan Hope	**Report Type :**	Level 1
Client Contact :	Rich Schindelar	**Receive DateTime :**	5/1/2025 ~~12:00:00~~ AM 15:40	**EDD Type :**	Excel NJ
Invoice Name :	Saxton Falls Sand and Grav	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Rich Schindelar			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q1936-02	SMALL-PILE-A	Solid	05/01/2025	10:52						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q1936-04	SMALL-PILE-B	Solid	05/01/2025	11:04						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q1936-06	SMALL-PILE-C	Solid	05/01/2025	11:12						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q1936-08	SMALL-PILE-D	Solid	05/01/2025	11:18						
					VOC-TCLVOA-10		8260D	10 Bus. Days		

Toracchs

stored in VOA Frz #02, Extract in ref #06

Relinquished By : L.C
Date / Time : 5·1·2025 1650

Received By : [signature]
Date / Time : 5-1-25 16:50

Storage Area : **VOA Refridgerator Room**