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

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
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 : Q1938

ATTENTION : Rich Schindelar

Laboratory Certification ID # 20012

Table Of Contents for Q1938

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

Cover Page

Order ID : Q1938

Project ID : Stan Hope

Client : Saxton Falls Sand and Gravel Co. Inc.

Lab Sample Number	Client Sample Number
Q1938-01	LOWER-WALL-PILE-A
Q1938-02	LOWER-WALL-PILE-A
Q1938-03	LOWER-WALL-PILE-B
Q1938-04	LOWER-WALL-PILE-B
Q1938-05	LOWER-WALL-PILE-C
Q1938-06	LOWER-WALL-PILE-C
Q1938-07	LOWER-WALL-PILE-D
Q1938-08	LOWER-WALL-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: 5/12/2025

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) : Q1938

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.”

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

CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1938
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 except for LOWER-WALL-PILE-A [4-Bromofluorobenzene - 68%], this compound did not meet the NJDKQP criteria but met the in-house 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 met the requirements.
The Tuning criteria met requirements.

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

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.
Trip Blank was not provided with this set of samples.
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.

Signature_____

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

CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1938
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 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 compounds 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 compounds did not meet the NJDKQP criteria but met the in-house criteria.

The RPD met criteria.

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 compounds did not meet the NJDKQP criteria but met the in-house criteria.

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

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.

Signature_____

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

CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1938
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 MSD 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.

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

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_____

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

CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1938
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_P. 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 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 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.

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

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_____

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

CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1938
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 were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.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 .

Sample LOWER-WALL-PILE-A was diluted due to high concentration.

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.

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

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_____

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

CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1938
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.

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

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

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_____

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

CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1938
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 sample matrix interference.

The Matrix Spike (CLEAN-FILLMS) analysis met criteria for all samples except for Antimony, Barium, Potassium. Due to chemical interference during digestion process.

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

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_____

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

CASE NARRATIVE

Saxton Falls Sand and Gravel Co. Inc.
Project Name: Stan Hope
Project # N/A
Order ID # Q1938
Test Name: Cyanide,Hexavalent Chromium,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 Cyanide,Hexavalent Chromium,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:

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_____

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1938

	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:** 05/12/2025

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

Hit Summary Sheet
SW-846

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration		C	MDL	RDL	Units
Client ID:	**LOWER-WALL-PILE-A**									
Q1938-02	LOWER-WALL-PI	SOIL	Methylene Chloride		6.30		J	3.90	11.1	ug/Kg
			Total Voc :			6.30				
Q1938-02	LOWER-WALL-PI	SOIL	Tert butyl alcohol	*	34.6		J	15.2	27.7	ug/Kg
			Total Tics :			34.6				
			Total Concentration:			40.9				
Client ID:	**LOWER-WALL-PILE-B**									
Q1938-04	LOWER-WALL-PI	SOIL	Methylene Chloride		3.20		J	3.10	8.70	ug/Kg
			Total Voc :			3.20				
			Total Concentration:			3.20				

SAMPLE DATA

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.9
Sample Wt/Vol:	4.97 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
VY022155.D	1		05/05/25 13:34	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.50	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.87	U	0.87	5.50	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.50	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.50	ug/Kg
67-64-1	Acetone	5.20	U	5.20	27.7	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.81	U	0.81	5.50	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.50	ug/Kg
75-09-2	Methylene Chloride	6.30	J	3.90	11.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.89	U	0.89	5.50	ug/Kg
110-82-7	Cyclohexane	0.87	U	0.87	5.50	ug/Kg
78-93-3	2-Butanone	7.20	U	7.20	27.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.83	U	0.83	5.50	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.50	ug/Kg
67-66-3	Chloroform	0.93	U	0.93	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.87	U	0.87	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.87	U	0.87	5.50	ug/Kg
79-01-6	Trichloroethene	0.90	U	0.90	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.86	U	0.86	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	27.7	ug/Kg
108-88-3	Toluene	0.86	U	0.86	5.50	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.9
Sample Wt/Vol:	4.97 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
VY022155.D	1		05/05/25 13:34	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.72	U	0.72	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.69	U	0.69	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
591-78-6	2-Hexanone	4.10	U	4.10	27.7	ug/Kg
124-48-1	Dibromochloromethane	0.96	U	0.96	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.97	U	0.97	5.50	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.50	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.74	U	0.74	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.1	ug/Kg
95-47-6	o-Xylene	0.91	U	0.91	5.50	ug/Kg
100-42-5	Styrene	0.79	U	0.79	5.50	ug/Kg
75-25-2	Bromoform	0.95	U	0.95	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	0.86	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	3.30	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		70 (63) - 130 (155)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 (70) - 130 (134)	101%	SPK: 50
2037-26-5	Toluene-d8	48.4		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	33.8	*	70 (38) - 130 (136)	68%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	247000	7.713			
540-36-3	1,4-Difluorobenzene	471000	8.616			
3114-55-4	Chlorobenzene-d5	393000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	119000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.9
Sample Wt/Vol:	4.97 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
VY022155.D	1		05/05/25 13:34	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
75-65-0	Tert butyl alcohol	34.6	J		4.87	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96
Sample Wt/Vol:	5.96 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
VY022156.D	1		05/05/25 13:58	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	1.00	4.40	ug/Kg
74-87-3	Chloromethane	1.00	U	1.00	4.40	ug/Kg
75-01-4	Vinyl Chloride	0.69	U	0.69	4.40	ug/Kg
74-83-9	Bromomethane	0.94	U	0.94	4.40	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	4.40	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	4.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.93	U	0.93	4.40	ug/Kg
75-35-4	1,1-Dichloroethene	0.87	U	0.87	4.40	ug/Kg
67-64-1	Acetone	4.10	U	4.10	21.8	ug/Kg
75-15-0	Carbon Disulfide	0.93	U	0.93	4.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.64	U	0.64	4.40	ug/Kg
79-20-9	Methyl Acetate	1.30	U	1.30	4.40	ug/Kg
75-09-2	Methylene Chloride	3.20	J	3.10	8.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.75	U	0.75	4.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.70	U	0.70	4.40	ug/Kg
110-82-7	Cyclohexane	0.69	U	0.69	4.40	ug/Kg
78-93-3	2-Butanone	5.70	U	5.70	21.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.85	U	0.85	4.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.66	U	0.66	4.40	ug/Kg
74-97-5	Bromochloromethane	1.00	U	1.00	4.40	ug/Kg
67-66-3	Chloroform	0.73	U	0.73	4.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.81	U	0.81	4.40	ug/Kg
108-87-2	Methylcyclohexane	0.80	U	0.80	4.40	ug/Kg
71-43-2	Benzene	0.69	U	0.69	4.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.69	U	0.69	4.40	ug/Kg
79-01-6	Trichloroethene	0.71	U	0.71	4.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.80	U	0.80	4.40	ug/Kg
75-27-4	Bromodichloromethane	0.68	U	0.68	4.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.10	U	3.10	21.8	ug/Kg
108-88-3	Toluene	0.68	U	0.68	4.40	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96
Sample Wt/Vol:	5.96 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
VY022156.D	1		05/05/25 13:58	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.57	U	0.57	4.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.54	U	0.54	4.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.80	U	0.80	4.40	ug/Kg
591-78-6	2-Hexanone	3.20	U	3.20	21.8	ug/Kg
124-48-1	Dibromochloromethane	0.76	U	0.76	4.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.77	U	0.77	4.40	ug/Kg
127-18-4	Tetrachloroethene	0.92	U	0.92	4.40	ug/Kg
108-90-7	Chlorobenzene	0.80	U	0.80	4.40	ug/Kg
100-41-4	Ethyl Benzene	0.59	U	0.59	4.40	ug/Kg
179601-23-1	m/p-Xylenes	1.10	U	1.10	8.70	ug/Kg
95-47-6	o-Xylene	0.72	U	0.72	4.40	ug/Kg
100-42-5	Styrene	0.62	U	0.62	4.40	ug/Kg
75-25-2	Bromoform	0.75	U	0.75	4.40	ug/Kg
98-82-8	Isopropylbenzene	0.68	U	0.68	4.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.50	U	1.50	4.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.40	U	1.40	4.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.30	U	1.30	4.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.60	U	1.60	4.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.60	U	2.60	4.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.80	U	2.80	4.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		70 (63) - 130 (155)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	48.2		70 (74) - 130 (123)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.3		70 (38) - 130 (136)	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	248000	7.707			
540-36-3	1,4-Difluorobenzene	476000	8.615			
3114-55-4	Chlorobenzene-d5	408000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	135000	13.346			

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	96
Sample Wt/Vol:	5.96 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
VY022156.D	1		05/05/25 13:58	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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	97.6
Sample Wt/Vol:	5.49 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
VY022157.D	1		05/05/25 14:21	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	4.70	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.70	ug/Kg
75-01-4	Vinyl Chloride	0.74	U	0.74	4.70	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.70	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	4.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	4.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.99	U	0.99	4.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.93	U	0.93	4.70	ug/Kg
67-64-1	Acetone	4.40	U	4.40	23.3	ug/Kg
75-15-0	Carbon Disulfide	0.99	U	0.99	4.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.68	U	0.68	4.70	ug/Kg
79-20-9	Methyl Acetate	1.40	U	1.40	4.70	ug/Kg
75-09-2	Methylene Chloride	3.30	U	3.30	9.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.80	U	0.80	4.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.75	U	0.75	4.70	ug/Kg
110-82-7	Cyclohexane	0.74	U	0.74	4.70	ug/Kg
78-93-3	2-Butanone	6.10	U	6.10	23.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.91	U	0.91	4.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.70	U	0.70	4.70	ug/Kg
74-97-5	Bromochloromethane	1.10	U	1.10	4.70	ug/Kg
67-66-3	Chloroform	0.78	U	0.78	4.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.87	U	0.87	4.70	ug/Kg
108-87-2	Methylcyclohexane	0.85	U	0.85	4.70	ug/Kg
71-43-2	Benzene	0.74	U	0.74	4.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.74	U	0.74	4.70	ug/Kg
79-01-6	Trichloroethene	0.76	U	0.76	4.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.85	U	0.85	4.70	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	0.73	4.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.30	U	3.30	23.3	ug/Kg
108-88-3	Toluene	0.73	U	0.73	4.70	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	97.6
Sample Wt/Vol:	5.49 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
VY022157.D	1		05/05/25 14:21	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.61	U	0.61	4.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.58	U	0.58	4.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.86	U	0.86	4.70	ug/Kg
591-78-6	2-Hexanone	3.40	U	3.40	23.3	ug/Kg
124-48-1	Dibromochloromethane	0.81	U	0.81	4.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.82	U	0.82	4.70	ug/Kg
127-18-4	Tetrachloroethene	0.98	U	0.98	4.70	ug/Kg
108-90-7	Chlorobenzene	0.85	U	0.85	4.70	ug/Kg
100-41-4	Ethyl Benzene	0.63	U	0.63	4.70	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.30	ug/Kg
95-47-6	o-Xylene	0.77	U	0.77	4.70	ug/Kg
100-42-5	Styrene	0.66	U	0.66	4.70	ug/Kg
75-25-2	Bromoform	0.80	U	0.80	4.70	ug/Kg
98-82-8	Isopropylbenzene	0.73	U	0.73	4.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	4.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	4.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	4.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1.70	4.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.80	U	2.80	4.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.00	U	3.00	4.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.8		70 (63) - 130 (155)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	48.8		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.0		70 (38) - 130 (136)	74%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	236000	7.713			
540-36-3	1,4-Difluorobenzene	456000	8.616			
3114-55-4	Chlorobenzene-d5	394000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	133000	13.346			

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	97.6
Sample Wt/Vol:	5.49 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
VY022157.D	1		05/05/25 14:21	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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.7
Sample Wt/Vol:	5.9 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
VY022158.D	1		05/05/25 14:45	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	22.4	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	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	0.72	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	0.81	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	22.4	ug/Kg
108-88-3	Toluene	0.70	U	0.70	4.50	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.7
Sample Wt/Vol:	5.9 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
VY022158.D	1		05/05/25 14:45	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	22.4	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	0.81	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	0.64	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	2.80	U	2.80	4.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		70 (63) - 130 (155)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 (70) - 130 (134)	101%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.1		70 (38) - 130 (136)	76%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	233000	7.707			
540-36-3	1,4-Difluorobenzene	452000	8.615			
3114-55-4	Chlorobenzene-d5	394000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.346			

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.7
Sample Wt/Vol:	5.9 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
VY022158.D	1		05/05/25 14:45	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

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

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1938-02	**LOWER-WALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			VOC-TCLVOA-10	8260D			05/05/25	
Q1938-04	**LOWER-WALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			VOC-TCLVOA-10	8260D			05/05/25	
Q1938-06	**LOWER-WALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			VOC-TCLVOA-10	8260D			05/05/25	
Q1938-08	**LOWER-WALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			VOC-TCLVOA-10	8260D			05/05/25	

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.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

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

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

Hit Summary Sheet
SW-846

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

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

SAMPLE DATA

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050133.D	1	05/05/25 09:35	05/07/25 13:12	PB167857

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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050133.D	1	05/05/25 09:35	05/07/25 13:12	PB167857

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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050133.D	1	05/05/25 09:35	05/07/25 13:12	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.0	U	24.0	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.7	U	31.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.2	U	31.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.4	U	29.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.6	U	27.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.5	U	27.5	180	ug/Kg
123-91-1	1,4-Dioxane	48.5	U	48.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.4	U	29.4	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	74.5		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	79.6		30 (15) - 130 (107)	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.2		30 (18) - 130 (107)	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.4		30 (20) - 130 (109)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.7		30 (10) - 130 (116)	53%	SPK: 150
1718-51-0	Terphenyl-d14	51.4		30 (10) - 130 (105)	51%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	293000	7.739			
1146-65-2	Naphthalene-d8	1110000	10.539			
15067-26-2	Acenaphthene-d10	760000	14.392			
1517-22-2	Phenanthrene-d10	1510000	17.139			
1719-03-5	Chrysene-d12	1350000	21.386			
1520-96-3	Perylene-d12	1500000	24.379			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	AB		4.86	ug/Kg
000119-61-9	Benzophenone	200	J		15.8	ug/Kg
032811-40-8	(E)-4-(3-Hydroxyprop-1-en-1-yl)-2-	110	J		16.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	1100	J		18.0	ug/Kg
	unknown19.145	310	J		19.1	ug/Kg
000057-11-4	Octadecanoic acid	290	J		19.3	ug/Kg
021738-29-4	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5,8	84.1	J		20.0	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050133.D	1	05/05/25 09:35	05/07/25 13:12	PB167857

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050120.D	1	05/05/25 09:35	05/06/25 15:20	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	340	ug/Kg
108-95-2	Phenol	22.9	U	22.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.1	U	25.1	180	ug/Kg
95-57-8	2-Chlorophenol	25.3	U	25.3	180	ug/Kg
95-48-7	2-Methylphenol	30.9	U	30.9	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38.8	U	38.8	180	ug/Kg
98-86-2	Acetophenone	30.5	U	30.5	180	ug/Kg
65794-96-9	3+4-Methylphenols	42.5	U	42.5	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.1	U	49.1	82.8	ug/Kg
67-72-1	Hexachloroethane	18.2	U	18.2	180	ug/Kg
98-95-3	Nitrobenzene	18.9	U	18.9	180	ug/Kg
78-59-1	Isophorone	33.9	U	33.9	180	ug/Kg
88-75-5	2-Nitrophenol	60.2	U	60.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	67.1	U	67.1	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	31.9	U	31.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.3	U	29.3	180	ug/Kg
91-20-3	Naphthalene	23.5	U	23.5	180	ug/Kg
106-47-8	4-Chloroaniline	36.6	UQ	36.6	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.2	U	26.2	180	ug/Kg
105-60-2	Caprolactam	53.9	U	53.9	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29.7	U	29.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	26.5	U	26.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.5	U	20.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.1	U	30.1	180	ug/Kg
92-52-4	1,1-Biphenyl	22.6	U	22.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.3	U	23.3	180	ug/Kg
88-74-4	2-Nitroaniline	49.8	U	49.8	180	ug/Kg
131-11-3	Dimethylphthalate	28.0	U	28.0	180	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050120.D	1	05/05/25 09:35	05/06/25 15:20	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	29.9	U	29.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	34.8	U	34.8	180	ug/Kg
99-09-2	3-Nitroaniline	47.6	U	47.6	180	ug/Kg
83-32-9	Acenaphthene	22.0	U	22.0	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	340	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	340	ug/Kg
132-64-9	Dibenzofuran	23.5	U	23.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.8	U	51.8	180	ug/Kg
84-66-2	Diethylphthalate	29.3	U	29.3	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27.6	U	27.6	180	ug/Kg
86-73-7	Fluorene	26.2	U	26.2	180	ug/Kg
100-01-6	4-Nitroaniline	66.4	U	66.4	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.0	U	34.0	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28.8	U	28.8	180	ug/Kg
118-74-1	Hexachlorobenzene	26.2	U	26.2	180	ug/Kg
1912-24-9	Atrazine	35.2	U	35.2	180	ug/Kg
87-86-5	Pentachlorophenol	53.1	U	53.1	340	ug/Kg
85-01-8	Phenanthrene	21.6	U	21.6	180	ug/Kg
120-12-7	Anthracene	34.5	U	34.5	180	ug/Kg
86-74-8	Carbazole	32.3	U	32.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	49.6	U	49.6	180	ug/Kg
206-44-0	Fluoranthene	84.4	J	31.0	180	ug/Kg
129-00-0	Pyrene	98.2	J	37.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	73.9	U	73.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.0	UQ	38.0	340	ug/Kg
56-55-3	Benzo(a)anthracene	23.8	U	23.8	180	ug/Kg
218-01-9	Chrysene	20.6	U	20.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.3	U	61.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	89.8	U	89.8	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.1	J	19.7	180	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050120.D	1	05/05/25 09:35	05/06/25 15:20	PB167857

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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050120.D	1	05/05/25 09:35	05/06/25 15:20	PB167857

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050115.D	1	05/05/25 09:35	05/06/25 12:04	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	340	ug/Kg
108-95-2	Phenol	22.8	U	22.8	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.1	U	25.1	180	ug/Kg
95-57-8	2-Chlorophenol	25.2	U	25.2	180	ug/Kg
95-48-7	2-Methylphenol	30.8	U	30.8	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38.7	U	38.7	180	ug/Kg
98-86-2	Acetophenone	30.4	U	30.4	180	ug/Kg
65794-96-9	3+4-Methylphenols	42.4	U	42.4	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.9	U	48.9	82.5	ug/Kg
67-72-1	Hexachloroethane	18.1	U	18.1	180	ug/Kg
98-95-3	Nitrobenzene	18.9	U	18.9	180	ug/Kg
78-59-1	Isophorone	33.8	U	33.8	180	ug/Kg
88-75-5	2-Nitrophenol	60.0	U	60.0	180	ug/Kg
105-67-9	2,4-Dimethylphenol	66.8	U	66.8	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	31.8	U	31.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.2	U	29.2	180	ug/Kg
91-20-3	Naphthalene	23.4	U	23.4	180	ug/Kg
106-47-8	4-Chloroaniline	36.5	UQ	36.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.1	U	26.1	180	ug/Kg
105-60-2	Caprolactam	53.7	U	53.7	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29.6	U	29.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	26.4	U	26.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.4	U	20.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.0	U	30.0	180	ug/Kg
92-52-4	1,1-Biphenyl	22.5	U	22.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.2	U	23.2	180	ug/Kg
88-74-4	2-Nitroaniline	49.6	U	49.6	180	ug/Kg
131-11-3	Dimethylphthalate	27.9	U	27.9	180	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050115.D	1	05/05/25 09:35	05/06/25 12:04	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	29.8	U	29.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	34.6	U	34.6	180	ug/Kg
99-09-2	3-Nitroaniline	47.4	U	47.4	180	ug/Kg
83-32-9	Acenaphthene	22.0	U	22.0	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	340	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	340	ug/Kg
132-64-9	Dibenzofuran	23.4	U	23.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	180	ug/Kg
84-66-2	Diethylphthalate	29.2	U	29.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27.5	U	27.5	180	ug/Kg
86-73-7	Fluorene	26.1	U	26.1	180	ug/Kg
100-01-6	4-Nitroaniline	66.2	U	66.2	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	33.9	U	33.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28.7	U	28.7	180	ug/Kg
118-74-1	Hexachlorobenzene	26.1	U	26.1	180	ug/Kg
1912-24-9	Atrazine	35.1	U	35.1	180	ug/Kg
87-86-5	Pentachlorophenol	52.9	U	52.9	340	ug/Kg
85-01-8	Phenanthrene	21.5	U	21.5	180	ug/Kg
120-12-7	Anthracene	34.3	U	34.3	180	ug/Kg
86-74-8	Carbazole	32.2	U	32.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	49.4	U	49.4	180	ug/Kg
206-44-0	Fluoranthene	30.9	U	30.9	180	ug/Kg
129-00-0	Pyrene	37.1	U	37.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	73.6	U	73.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37.8	UQ	37.8	340	ug/Kg
56-55-3	Benzo(a)anthracene	23.7	U	23.7	180	ug/Kg
218-01-9	Chrysene	20.5	U	20.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.0	U	61.0	180	ug/Kg
117-84-0	Di-n-octyl phthalate	89.5	U	89.5	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.6	U	19.6	180	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050115.D	1	05/05/25 09:35	05/06/25 12:04	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.1	U	23.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	30.4	U	30.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.0	U	30.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.2	U	28.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26.5	U	26.5	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26.4	U	26.4	180	ug/Kg
123-91-1	1,4-Dioxane	46.6	U	46.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.2	U	28.2	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	86.8		30 (18) - 130 (112)	58%	SPK: 150
13127-88-3	Phenol-d6	85.6		30 (15) - 130 (107)	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.1		30 (18) - 130 (107)	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.4		30 (20) - 130 (109)	48%	SPK: 100
118-79-6	2,4,6-Tribromophenol	93.2		30 (10) - 130 (116)	62%	SPK: 150
1718-51-0	Terphenyl-d14	56.0		30 (10) - 130 (105)	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	250000	7.745			
1146-65-2	Naphthalene-d8	885000	10.539			
15067-26-2	Acenaphthene-d10	599000	14.392			
1517-22-2	Phenanthrene-d10	1240000	17.139			
1719-03-5	Chrysene-d12	1190000	21.386			
1520-96-3	Perylene-d12	1220000	24.374			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		4.87	ug/Kg
000057-11-4	Octadecanoic acid	830	J		15.6	ug/Kg
000119-61-9	Benzophenone	370	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	1300	J		18.0	ug/Kg
000544-63-8	Tetradecanoic acid	350	J		19.3	ug/Kg
000295-65-8	Cyclohexadecane	99.3	J		21.1	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050115.D	1	05/05/25 09:35	05/06/25 12:04	PB167857

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050116.D	1	05/05/25 09:35	05/06/25 12:44	PB167857

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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050116.D	1	05/05/25 09:35	05/06/25 12:44	PB167857

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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050116.D	1	05/05/25 09:35	05/06/25 12:44	PB167857

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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050116.D	1	05/05/25 09:35	05/06/25 12:44	PB167857

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

LAB CHRONICLE

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

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

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

Hit Summary Sheet
SW-846

SDG No.: Q1938 **Order ID:** Q1938

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 : LOWER-WALL-PILE-A								
Q1938-01	LOWER-WALL-PILE	SOIL	Dieldrin	0.38	J	0.15	1.80	ug/kg
Q1938-01	LOWER-WALL-PILE	SOIL	Endrin	0.28	JP	0.15	1.80	ug/kg
Q1938-01	LOWER-WALL-PILE	SOIL	alpha-Chlordane	1.40	JP	0.13	1.80	ug/kg
Q1938-01	LOWER-WALL-PILE	SOIL	gamma-Chlordane	0.50	JP	0.16	1.80	ug/kg
			Total Concentration:	**2.560**				
Client ID : LOWER-WALL-PILE-B								
Q1938-03	LOWER-WALL-PILE	SOIL	Methoxychlor	1.10	JP	0.38	1.80	ug/kg
Q1938-03	LOWER-WALL-PILE	SOIL	alpha-Chlordane	0.23	J	0.12	1.80	ug/kg
			Total Concentration:	**1.330**				

SAMPLE DATA

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.1 Decanted:
Sample Wt/Vol:	30.02 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
PL095553.D	1	05/05/25 08:35	05/05/25 20:16	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	0.38	J	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	0.28	JP	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	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	1.40	JP	0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.50	JP	0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.80	U	5.80	35.4	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.3		30 (20) - 150 (144)	72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.3		30 (19) - 150 (148)	87%	SPK: 20

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.1 Decanted:
Sample Wt/Vol:	30.02 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
PL095553.D	1	05/05/25 08:35	05/05/25 20:16	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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.6 Decanted:
Sample Wt/Vol:	30.08 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
PL095568.D	1	05/05/25 08:35	05/06/25 16:55	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.80	ug/kg
319-85-7	beta-BHC	0.19	U	0.19	1.80	ug/kg
319-86-8	delta-BHC	0.40	U	0.40	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.80	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.80	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.20	U	0.20	1.80	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.80	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.80	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.80	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.80	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.80	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.80	ug/kg
72-43-5	Methoxychlor	1.10	JP	0.38	1.80	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.38	U	0.38	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.23	J	0.12	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	34.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.6		30 (20) - 150 (144)	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.2		30 (19) - 150 (148)	91%	SPK: 20

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.6 Decanted:
Sample Wt/Vol:	30.08 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
PL095568.D	1	05/05/25 08:35	05/06/25 16:55	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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.8 Decanted:
Sample Wt/Vol:	30.07 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
PL095555.D	1	05/05/25 08:35	05/05/25 20:43	PB167854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.80	ug/kg
319-85-7	beta-BHC	0.19	U	0.19	1.80	ug/kg
319-86-8	delta-BHC	0.40	U	0.40	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.80	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.80	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.20	U	0.20	1.80	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.80	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.80	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.80	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.80	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.80	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.80	ug/kg
72-43-5	Methoxychlor	0.38	U	0.38	1.80	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.38	U	0.38	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	34.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		30 (20) - 150 (144)	86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		30 (19) - 150 (148)	106%	SPK: 20

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.8 Decanted:
Sample Wt/Vol:	30.07 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
PL095555.D	1	05/05/25 08:35	05/05/25 20:43	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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95 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
PL095556.D	1	05/05/25 08:35	05/05/25 20:57	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	0.30	U	0.30	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	34.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.8		30 (20) - 150 (144)	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.3		30 (19) - 150 (148)	117%	SPK: 20

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	95 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
PL095556.D	1	05/05/25 08:35	05/05/25 20:57	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

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

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1938-01	**LOWER-WALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			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	
Q1938-02	**LOWER-WALL-PILE-A**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-03	**LOWER-WALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/06/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-04	**LOWER-WALL-PILE-B**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-05	**LOWER-WALL-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	
Q1938-06	**LOWER-WALL-PILE-C**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-07	**LOWER-WALL-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	
Q1938-08	**LOWER-WALL-PILE-D**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q1938 **Order ID:** Q1938

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 : LOWER-WALL-PILE-A								
Q1938-01	LOWER-WALL-PILE	SOIL	Aroclor-1254	11.6	J	3.40	18.2	ug/kg
			Total Concentration:	**11.600**				

SAMPLE DATA

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.1 Decanted:
Sample Wt/Vol:	30.02 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
PP071775.D	1	05/05/25 08:35	05/05/25 14:10	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.2	ug/kg
11097-69-1	Aroclor-1254	11.6	J	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.2	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.9		30 (32) - 150 (144)	115%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		30 (32) - 150 (175)	104%	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
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	96.6 Decanted:
Sample Wt/Vol:	30.08 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
PP071776.D	1	05/05/25 08:35	05/05/25 14:26	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	17.6	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.6	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.6	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.6	ug/kg
12672-29-6	Aroclor-1248	6.10	U	6.10	17.6	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.6	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	17.6	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.6	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	17.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		30 (32) - 150 (175)	101%	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:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	96.8 Decanted:
Sample Wt/Vol:	30.07 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
PP071777.D	1	05/05/25 08:35	05/05/25 14:43	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	4.20	U	4.20	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	19.9		30 (32) - 150 (144)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		30 (32) - 150 (175)	90%	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
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95 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
PP071778.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	4.20	U	4.20	17.9	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.9	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.9	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.9	ug/kg
12672-29-6	Aroclor-1248	6.20	U	6.20	17.9	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	17.9	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	17.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	17.9	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	17.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		30 (32) - 150 (175)	100%	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
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1938-01	**LOWER-WALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-02	**LOWER-WALL-PILE-A**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-03	**LOWER-WALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-04	**LOWER-WALL-PILE-B**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-05	**LOWER-WALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-06	**LOWER-WALL-PILE-C**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-07	**LOWER-WALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-08	**LOWER-WALL-PILE-D**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	

SAMPLE DATA

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	93.1 Decanted:
Sample Wt/Vol:	30.02 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
FG015802.D	5	05/07/25 09:00	05/08/25 10:55	PB167887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	70700		2060	15300	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	1.76		37 - 130	44%	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:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	96.6 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
FG015793.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	41000		397	2930	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	9.75		37 - 130	49%	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:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	96.8 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
FG015794.D	1	05/07/25 09:00	05/07/25 16:41	PB167887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	35800		396	2920	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	9.79		37 - 130	49%	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:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	95 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
FG015795.D	1	05/07/25 09:00	05/07/25 17:10	PB167887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	18500		404	2980	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	8.34		37 - 130	42%	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
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1938-01	**LOWER-WALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/08/25	
Q1938-02	**LOWER-WALL-PILE-A**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-03	**LOWER-WALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			Pesticide-TCL	8081B		05/05/25	05/06/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-04	**LOWER-WALL-PILE-B**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-05	**LOWER-WALL-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	
Q1938-06	**LOWER-WALL-PILE-C**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-07	**LOWER-WALL-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	
Q1938-08	**LOWER-WALL-PILE-D**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	

SAMPLE DATA

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.9
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 17:16	PB167855

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	18.3		1	1.30	2.20	mg/kg	FE053647.D
Aliphatic C9-C28	Aliphatic C9-C28	2.22	J	1	1.00	4.39	mg/kg	FE053647.D
Total AliphaticEPH	Total AliphaticEPH	20.5			2.30	6.59	mg/kg	
Total EPH	Total EPH	20.5			2.30	6.59	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:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.9
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
FE053647.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		2.22	J	1.00	4.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		18.3		1.30	2.20	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		21.7		40 - 140	43%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		21.3		40 - 140	43%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1938-02	Acq On:	05 May 2025 17:16
Client Sample ID:	LOWER-WALL-PILE-A	Operator:	YP\AJ
Data file:	FE053647.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	447806	3.232	300	ug/ml
Aliphatic C12-C16	6.756	10.204	613385	4.326	200	ug/ml
Aliphatic C16-C21	10.205	13.579	892639	6.141	300	ug/ml
Aliphatic C21-C28	13.580	17.249	2367724	16.654	400	ug/ml
Aliphatic C28-C40	17.250	22.140	32340925	250.609	600	ug/ml
Aliphatic EPH	3.112	22.140	36662479	280.961		ug/ml
ortho-Terphenyl (SURR)	11.864	11.864	3839115	21.29		ug/ml
1-chlorooctadecane (SURR)	13.309	13.309	2928359	21.66		ug/ml
Aliphatic C9-C28	3.112	17.249	4321554	30.353	1200	ug/ml

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96
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 17:46	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	12.2		1	1.23	2.08	mg/kg	FE053648.D
Aliphatic C9-C28	Aliphatic C9-C28	1.86	J	1	0.95	4.16	mg/kg	FE053648.D
Total AliphaticEPH	Total AliphaticEPH	14.1			2.17	6.24	mg/kg	
Total EPH	Total EPH	14.1			2.17	6.24	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:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96
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
FE053648.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		1.86	J	0.95	4.16	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		12.2		1.23	2.08	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		26.3		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		25.4		40 - 140	51%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1938-04	Acq On:	05 May 2025 17:46
Client Sample ID:	LOWER-WALL-PILE-B	Operator:	YP\AJ
Data file:	FE053648.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	235842	1.702	300	ug/ml
Aliphatic C12-C16	6.756	10.204	623527	4.397	200	ug/ml
Aliphatic C16-C21	10.205	13.579	836553	5.755	300	ug/ml
Aliphatic C21-C28	13.580	17.249	2391438	16.82	400	ug/ml
Aliphatic C28-C40	17.250	22.140	22651517	175.526	600	ug/ml
Aliphatic EPH	3.112	22.140	26738877	204.201		ug/ml
ortho-Terphenyl (SURR)	11.864	11.864	4578716	25.39		ug/ml
1-chlorooctadecane (SURR)	13.309	13.309	3551166	26.27		ug/ml
Aliphatic C9-C28	3.112	17.249	4087360	28.674	1200	ug/ml

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.6
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 18:16	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	8.07		1	1.21	2.05	mg/kg	FE053649.D
Aliphatic C9-C28	Aliphatic C9-C28	0.93	U	1	0.93	4.08	mg/kg	FE053649.D
Total AliphaticEPH	Total AliphaticEPH	8.07			2.14	6.13	mg/kg	
Total EPH	Total EPH	8.07			2.14	6.13	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:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.6
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
FE053649.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		0.93	U	0.93	4.08	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		8.07		1.21	2.05	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		29.5		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		30.1		40 - 140	60%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1938-06	Acq On:	05 May 2025 18:16
Client Sample ID:	LOWER-WALL-PILE-C	Operator:	YP\AJ
Data file:	FE053649.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	250346	1.807	300	ug/ml
Aliphatic C12-C16	6.756	10.204	659968	4.654	200	ug/ml
Aliphatic C16-C21	10.205	13.579	464130	3.193	300	ug/ml
Aliphatic C21-C28	13.580	17.249	1128241	7.936	400	ug/ml
Aliphatic C28-C40	17.250	22.140	15284852	118.442	600	ug/ml
Aliphatic EPH	3.112	22.140	17787537	136.031		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	5422784	30.07		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	3983700	29.47		ug/ml
Aliphatic C9-C28	3.112	17.249	2502685	17.59	1200	ug/ml

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.7
Sample Wt/Vol:	30.02 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 18:46	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.80		1	1.25	2.11	mg/kg	FE053650.D
Aliphatic C9-C28	Aliphatic C9-C28	0.96	U	1	0.96	4.23	mg/kg	FE053650.D
Total AliphaticEPH	Total AliphaticEPH	5.80	J		2.21	6.34	mg/kg	
Total EPH	Total EPH	5.80	J		2.21	6.34	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:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.7
Sample Wt/Vol:	30.02 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
FE053650.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		0.96	U	0.96	4.23	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		5.80		1.25	2.11	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		33.7		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		33.6		40 - 140	67%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1938-08	Acq On:	05 May 2025 18:46
Client Sample ID:	LOWER-WALL-PILE-D	Operator:	YP\AJ
Data file:	FE053650.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	237373	1.713	300	ug/ml
Aliphatic C12-C16	6.756	10.204	737932	5.204	200	ug/ml
Aliphatic C16-C21	10.205	13.579	465027	3.199	300	ug/ml
Aliphatic C21-C28	13.580	17.249	904045	6.359	400	ug/ml
Aliphatic C28-C40	17.250	22.140	10638233	82.435	600	ug/ml
Aliphatic EPH	3.112	22.140	12982610	98.91		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	6066208	33.63		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	4555624	33.7		ug/ml
Aliphatic C9-C28	3.112	17.249	2344377	16.475	1200	ug/ml

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

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1938-01	**LOWER-WALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-02	**LOWER-WALL-PILE-A**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-03	**LOWER-WALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-04	**LOWER-WALL-PILE-B**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-05	**LOWER-WALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-06	**LOWER-WALL-PILE-C**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-07	**LOWER-WALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-08	**LOWER-WALL-PILE-D**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	

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.: Q1938 **Order ID:** Q1938

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 : LOWER-WALL-PILE-A								
Q1938-01	LOWER-WALL-PILE-A	SOIL	Aluminum	7060		0.76	4.51	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Arsenic	2.94		0.17	0.90	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Barium	37.8		0.66	4.51	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Beryllium	0.73		0.023	0.27	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Cadmium	0.32		0.022	0.27	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Calcium	4060		10.0	90.3	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Chromium	7.96		0.042	0.45	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Cobalt	5.97		0.090	1.35	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Copper	22.1		0.20	0.90	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Iron	13600		3.60	4.51	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Lead	23.1		0.12	0.54	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Magnesium	1950		10.8	90.3	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Manganese	289		0.13	0.90	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Mercury	0.042		0.0070	0.013	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Nickel	9.91		0.12	1.81	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Potassium	499		25.0	90.3	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Sodium	75.7	J	16.1	90.3	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Thallium	0.35	J	0.21	1.81	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Vanadium	16.4		0.23	1.81	mg/Kg
Q1938-01	LOWER-WALL-PILE-A	SOIL	Zinc	71.2		0.21	1.81	mg/Kg
Client ID : LOWER-WALL-PILE-B								
Q1938-03	LOWER-WALL-PILE-B	SOIL	Aluminum	5480		0.82	4.86	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Arsenic	2.47		0.19	0.97	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Barium	33.8		0.71	4.86	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Beryllium	0.78		0.024	0.29	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Cadmium	0.43		0.023	0.29	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Calcium	10300		10.8	97.2	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Chromium	5.52		0.046	0.49	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Cobalt	7.73		0.097	1.46	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Copper	25.7		0.21	0.97	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Iron	15900		3.88	4.86	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Lead	7.56		0.13	0.58	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Magnesium	2490		11.7	97.2	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Manganese	285		0.14	0.97	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Mercury	0.034		0.0070	0.013	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Nickel	9.15		0.13	1.94	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Potassium	594		26.9	97.2	mg/Kg

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

Hit Summary Sheet
SW-846

SDG No.: Q1938 **Order ID:** Q1938

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1938-03	LOWER-WALL-PILE-B	SOIL	Sodium	98.5		17.3	97.2	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Vanadium	11.9		0.24	1.94	mg/Kg
Q1938-03	LOWER-WALL-PILE-B	SOIL	Zinc	40.8		0.22	1.94	mg/Kg
Client ID :	**LOWER-WALL-PILE-C**							
Q1938-05	LOWER-WALL-PILE-C	SOIL	Aluminum	10700		0.74	4.41	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Arsenic	3.90		0.17	0.88	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Barium	51.0		0.65	4.41	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Beryllium	0.83		0.022	0.27	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Cadmium	0.27		0.021	0.27	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Calcium	1900		9.80	88.3	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Chromium	8.93		0.041	0.44	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Cobalt	7.65		0.088	1.32	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Copper	22.7		0.19	0.88	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Iron	16300		3.52	4.41	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Lead	22.9		0.12	0.53	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Magnesium	1690		10.6	88.3	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Manganese	345		0.12	0.88	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Mercury	0.064		0.0080	0.014	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Nickel	9.97		0.12	1.77	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Potassium	359		24.5	88.3	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Sodium	44.4	J	15.7	88.3	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Thallium	0.48	J	0.20	1.77	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Vanadium	19.3		0.22	1.77	mg/Kg
Q1938-05	LOWER-WALL-PILE-C	SOIL	Zinc	47.7		0.20	1.77	mg/Kg
Client ID :	**LOWER-WALL-PILE-D**							
Q1938-07	LOWER-WALL-PILE-D	SOIL	Aluminum	4730		0.73	4.33	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Arsenic	2.11		0.17	0.87	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Barium	29.3		0.63	4.33	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Beryllium	0.67		0.022	0.26	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Cadmium	0.26		0.021	0.26	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Calcium	9570		9.62	86.6	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Chromium	4.19		0.041	0.43	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Cobalt	8.21		0.087	1.30	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Copper	25.1		0.19	0.87	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Iron	16800		3.46	4.33	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Lead	7.57		0.11	0.52	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Magnesium	1780		10.4	86.6	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Manganese	262		0.12	0.87	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Mercury	0.031		0.0080	0.014	mg/Kg

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

Hit Summary Sheet
SW-846

SDG No.: Q1938 **Order ID:** Q1938

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1938-07	LOWER-WALL-PILE-D	SOIL	Nickel	8.93		0.11	1.73	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Potassium	542		24.0	86.6	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Sodium	80.2	J	15.4	86.6	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Thallium	0.22	J	0.20	1.73	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Vanadium	8.80		0.22	1.73	mg/Kg
Q1938-07	LOWER-WALL-PILE-D	SOIL	Zinc	33.9		0.20	1.73	mg/Kg

SAMPLE DATA

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7060		1	0.76	4.51	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-36-0	Antimony	0.20	UN	1	0.20	2.26	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-38-2	Arsenic	2.94		1	0.17	0.90	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-39-3	Barium	37.8	N	1	0.66	4.51	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-41-7	Beryllium	0.73		1	0.023	0.27	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-43-9	Cadmium	0.32		1	0.022	0.27	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-70-2	Calcium	4060	*	1	10.0	90.3	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-47-3	Chromium	7.96		1	0.042	0.45	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-48-4	Cobalt	5.97		1	0.090	1.35	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-50-8	Copper	22.1	N	1	0.20	0.90	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7439-89-6	Iron	13600		1	3.60	4.51	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7439-92-1	Lead	23.1		1	0.12	0.54	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7439-95-4	Magnesium	1950		1	10.8	90.3	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7439-96-5	Manganese	289		1	0.13	0.90	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7439-97-6	Mercury	0.042		1	0.0070	0.013	mg/Kg	05/05/25 14:40	05/06/25 11:25	SW7471B	
7440-02-0	Nickel	9.91		1	0.12	1.81	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-09-7	Potassium	499	N	1	25.0	90.3	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.90	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.45	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-23-5	Sodium	75.7	J	1	16.1	90.3	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-28-0	Thallium	0.35	J	1	0.21	1.81	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-62-2	Vanadium	16.4		1	0.23	1.81	mg/Kg	05/05/25 10:15	05/09/25 16:57	SW6010	SW3050
7440-66-6	Zinc	71.2		1	0.21	1.81	mg/Kg	05/05/25 10:15	05/09/25 16:57	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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5480		1	0.82	4.86	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.43	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-38-2	Arsenic	2.47		1	0.19	0.97	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-39-3	Barium	33.8	N	1	0.71	4.86	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-41-7	Beryllium	0.78		1	0.024	0.29	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-43-9	Cadmium	0.43		1	0.023	0.29	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-70-2	Calcium	10300	*	1	10.8	97.2	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-47-3	Chromium	5.52		1	0.046	0.49	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-48-4	Cobalt	7.73		1	0.097	1.46	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-50-8	Copper	25.7	N	1	0.21	0.97	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7439-89-6	Iron	15900		1	3.88	4.86	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7439-92-1	Lead	7.56		1	0.13	0.58	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7439-95-4	Magnesium	2490		1	11.7	97.2	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7439-96-5	Manganese	285		1	0.14	0.97	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7439-97-6	Mercury	0.034		1	0.0070	0.013	mg/Kg	05/05/25 14:40	05/06/25 11:28	SW7471B	
7440-02-0	Nickel	9.15		1	0.13	1.94	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-09-7	Potassium	594	N	1	26.9	97.2	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.97	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.49	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-23-5	Sodium	98.5		1	17.3	97.2	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.94	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-62-2	Vanadium	11.9		1	0.24	1.94	mg/Kg	05/05/25 10:15	05/09/25 17:01	SW6010	SW3050
7440-66-6	Zinc	40.8		1	0.22	1.94	mg/Kg	05/05/25 10:15	05/09/25 17:01	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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10700		1	0.74	4.41	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-36-0	Antimony	0.19	UN	1	0.19	2.21	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-38-2	Arsenic	3.90		1	0.17	0.88	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-39-3	Barium	51.0	N	1	0.65	4.41	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-41-7	Beryllium	0.83		1	0.022	0.27	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-43-9	Cadmium	0.27		1	0.021	0.27	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-70-2	Calcium	1900	*	1	9.80	88.3	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-47-3	Chromium	8.93		1	0.041	0.44	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-48-4	Cobalt	7.65		1	0.088	1.32	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-50-8	Copper	22.7	N	1	0.19	0.88	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7439-89-6	Iron	16300		1	3.52	4.41	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7439-92-1	Lead	22.9		1	0.12	0.53	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7439-95-4	Magnesium	1690		1	10.6	88.3	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7439-96-5	Manganese	345		1	0.12	0.88	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7439-97-6	Mercury	0.064		1	0.0080	0.014	mg/Kg	05/05/25 14:40	05/06/25 11:35	SW7471B	
7440-02-0	Nickel	9.97		1	0.12	1.77	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-09-7	Potassium	359	N	1	24.5	88.3	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7782-49-2	Selenium	0.23	U	1	0.23	0.88	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.44	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-23-5	Sodium	44.4	J	1	15.7	88.3	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-28-0	Thallium	0.48	J	1	0.20	1.77	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-62-2	Vanadium	19.3		1	0.22	1.77	mg/Kg	05/05/25 10:15	05/09/25 17:05	SW6010	SW3050
7440-66-6	Zinc	47.7		1	0.20	1.77	mg/Kg	05/05/25 10:15	05/09/25 17:05	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

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	95

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4730		1	0.73	4.33	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-36-0	Antimony	0.19	UN	1	0.19	2.17	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-38-2	Arsenic	2.11		1	0.17	0.87	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-39-3	Barium	29.3	N	1	0.63	4.33	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-41-7	Beryllium	0.67		1	0.022	0.26	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-43-9	Cadmium	0.26		1	0.021	0.26	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-70-2	Calcium	9570	*	1	9.62	86.6	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-47-3	Chromium	4.19		1	0.041	0.43	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-48-4	Cobalt	8.21		1	0.087	1.30	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-50-8	Copper	25.1	N	1	0.19	0.87	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7439-89-6	Iron	16800		1	3.46	4.33	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7439-92-1	Lead	7.57		1	0.11	0.52	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7439-95-4	Magnesium	1780		1	10.4	86.6	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7439-96-5	Manganese	262		1	0.12	0.87	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7439-97-6	Mercury	0.031		1	0.0080	0.014	mg/Kg	05/05/25 14:40	05/06/25 11:37	SW7471B	
7440-02-0	Nickel	8.93		1	0.11	1.73	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-09-7	Potassium	542	N	1	24.0	86.6	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7782-49-2	Selenium	0.23	U	1	0.23	0.87	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-22-4	Silver	0.10	U	1	0.10	0.43	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-23-5	Sodium	80.2	J	1	15.4	86.6	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-28-0	Thallium	0.22	J	1	0.20	1.73	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-62-2	Vanadium	8.80		1	0.22	1.73	mg/Kg	05/05/25 10:15	05/09/25 17:09	SW6010	SW3050
7440-66-6	Zinc	33.9		1	0.20	1.73	mg/Kg	05/05/25 10:15	05/09/25 17:09	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

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

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1938-01	**LOWER-WALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	
Q1938-03	**LOWER-WALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	
Q1938-05	**LOWER-WALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	
Q1938-07	**LOWER-WALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	

SAMPLE DATA

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 12:50
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
		% Solid:	93.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.059	J	1	0.043	0.26	mg/Kg	05/06/25 11:00	05/07/25 11:22	9012B
Hexavalent Chromium	0.073	U	1	0.073	0.42	mg/Kg	05/06/25 09:00	05/06/25 12:14	7196A
Trivalent Chromium	7.96		1	0.54	0.54	mg/Kg		05/09/25 16:57	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

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 13:00
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
		% Solid:	96.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.17	J	1	0.043	0.26	mg/Kg	05/06/25 11:00	05/07/25 11:22	9012B
Hexavalent Chromium	0.071	U	1	0.071	0.41	mg/Kg	05/06/25 09:00	05/06/25 12:15	7196A
Trivalent Chromium	5.52		1	0.52	0.52	mg/Kg		05/09/25 17:01	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

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 13:12
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
		% Solid:	96.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.11	J	1	0.042	0.25	mg/Kg	05/06/25 11:00	05/07/25 11:22	9012B
Hexavalent Chromium	0.070	U	1	0.070	0.40	mg/Kg	05/06/25 09:00	05/06/25 12:16	7196A
Trivalent Chromium	8.93		1	0.52	0.52	mg/Kg		05/09/25 17:05	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

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 13:20
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
		% Solid:	95

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.074	J	1	0.044	0.26	mg/Kg	05/06/25 11:00	05/07/25 11:29	9012B
Hexavalent Chromium	0.073	U	1	0.073	0.42	mg/Kg	05/06/25 09:00	05/06/25 12:17	7196A
Trivalent Chromium	4.19		1	0.53	0.53	mg/Kg		05/09/25 17:09	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

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

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1938-01	**LOWER-WALL-PILE-A**	**SOIL**			**05/01/25 12:50**			**05/01/25**
			Cyanide	9012B		05/06/25	05/07/25 11:22	
			Hexavalent Chromium	7196A		05/06/25	05/06/25 12:14	
			Trivalent Chromium	6010D			05/09/25 16:57	
Q1938-03	**LOWER-WALL-PILE-B**	**SOIL**			**05/01/25 13:00**			**05/01/25**
			Cyanide	9012B		05/06/25	05/07/25 11:22	
			Hexavalent Chromium	7196A		05/06/25	05/06/25 12:15	
			Trivalent Chromium	6010D			05/09/25 17:01	
Q1938-05	**LOWER-WALL-PILE-C**	**SOIL**			**05/01/25 13:12**			**05/01/25**
			Cyanide	9012B		05/06/25	05/07/25 11:22	
			Hexavalent Chromium	7196A		05/06/25	05/06/25 12:16	
			Trivalent Chromium	6010D			05/09/25 17:05	
Q1938-07	**LOWER-WALL-PILE-D**	**SOIL**			**05/01/25 13:20**			**05/01/25**
			Cyanide	9012B		05/06/25	05/07/25 11:29	
			Hexavalent Chromium	7196A		05/06/25	05/06/25 12:17	

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

LAB CHRONICLE

Trivalent Chromium	6010D	05/09/25 17:09

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. Q1938
COC Number 2045846

13
13.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Saxton Fall and Sand Gravel
ADDRESS: 3000 International Drive
CITY Budd lake STATE: N.J. ZIP:
ATTENTION: Rich Schindler
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 Stanhope 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 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

1: Hex Chrom
2: PCB
3: SVOC-TCL BNA-20
4: TPH GC
5: Trivalent Chromium
6: Cyanide
7: VOC-TCL VOA-10
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.	Lower Wall Pile - A	SOL	X		5.1.25	12:50	4	X	X	X	X	X	X				PID=0.0
2.	A			X		12:52	5							X	X		
3.	B		X			13:00	4	X	X	X	X	X	X				
4.	B			X		13:02	5							X	X		
5.	C		X			13:12	4	X	X	X	X	X	X				
6.	C			X		13:14	5							X	X		
7.	D		X			13:20	4	X	X	X	X	X	X				
8.	D			X		13:22	5							X	X		
9.																	
10.																	

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

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

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

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

Page 1 of 1

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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: 5.1.2025
Client Signature:

Supervisor Review/Date:
Date/Time Arrived at Lab:

Lower Wall Pile

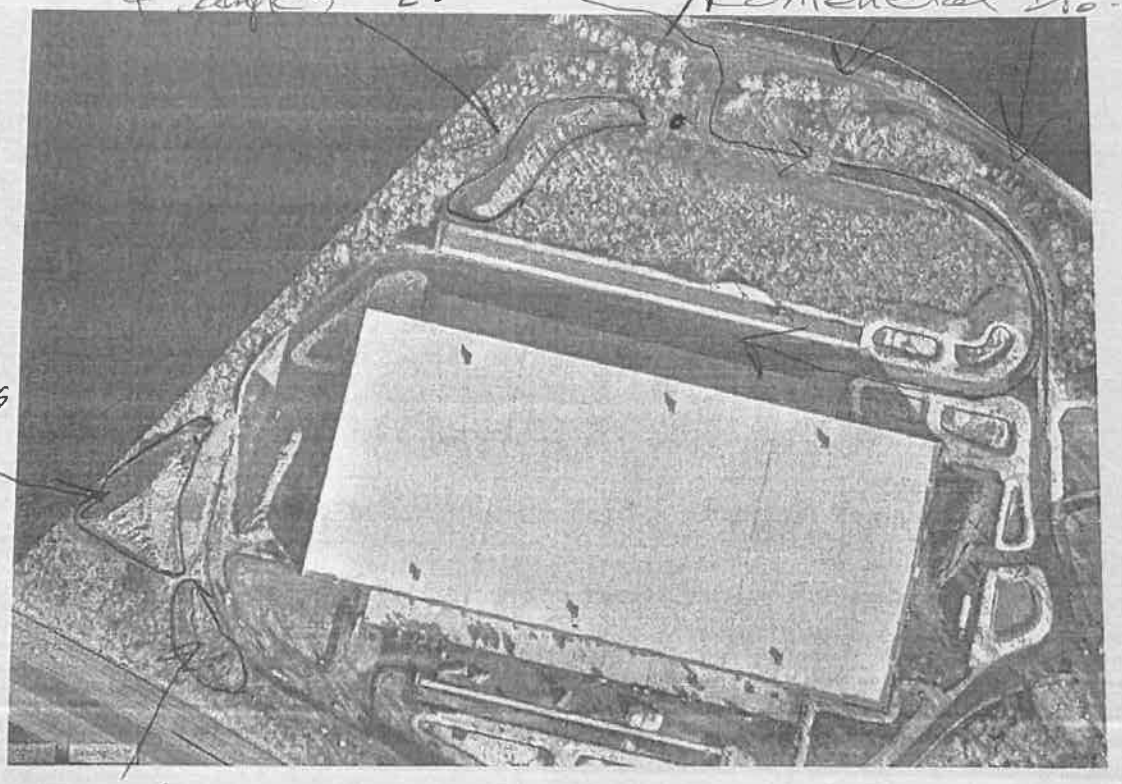
EXHIBIT 1

Soil Piles for Sampling 4 tests

Piles for sampling are circled in red

4 Samples 25" H

Contenental Dr.



6 Samples

Large Pile

30" H

4 Samples

Small pile 20" H

Total 14 Samples.

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

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

13
13.3

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q1938 SAXT01	**Order Date :**	5/1/2025 2:05:00 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~~ 15:40 AM	**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
Q1938-02	LOWER-WALL-PILE-A	Solid	05/01/2025	12:52						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q1938-04	LOWER-WALL-PILE-B	Solid	05/01/2025	13:02						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q1938-06	LOWER-WALL-PILE-C	Solid	05/01/2025	13:14						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q1938-08	LOWER-WALL-PILE-D	Solid	05/01/2025	13:22						
					VOC-TCLVOA-10		8260D	10 Bus. Days		

Toruchs
stored in VOA
Frz# 02 Extract
in set# 06

Relinquished By : [signature]
Date / Time : 5-1-2025 1650

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

Storage Area : **VOA Refridgerator Room**