

DATA PACKAGE

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

PROJECT NAME: AQUA WOOLWICH PUMP STATION 22-531

ROMAN E&G CORP 14 Ogden St

Newark, NJ - 07104

Phone No: 973-482-1123

ORDER ID: Q3725

ATTENTION: Sonny Puzzo







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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC		Client :	Roman E&G Co	orp						
Projec	t Location:	Robbinsville	Project Number :	22-531						
Labora	atory Sample ID	11/25/2025								
List DI	ist DKQP Methods Used (e.g., 8260,8270, et Cetra) ,6010D,7471B,8081B,8082A,8260D,8270E,9012B,NJEPH									
1	For each analy specified QA/Q explain any crit NJDEP Data o		7	Yes		No				
1A	Were the meth	od specified handling, preservation,	ments met?	$\overline{\mathbf{A}}$	Yes		No			
1B	EPH Method: \ Section 11.3 of	ons (see	V	Yes		No	□ N/A			
2	Were all sampl described on the	at	V	Yes		No				
3	Were samples received at an appropriate temperature (4±2° C)?							No	□ N/A	
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?							No		
5	a)Were reporting communicated		V	Yes		No				
	b)Were these reporting limits met?							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?							No		
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?							No		

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

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Cover Page

Order ID: Q3725

Project ID: AQUA Woolwich Pump Station 22-531

Client: Roman E&G Corp

Lab Sample Number

Client Sample Number

Q3725-04 STOCKPILE-SAMPLES

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 :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:51 am, Dec 09, 2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

12/9/2025

Date:

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CASE NARRATIVE

Roman E&G Corp

Project Name: AQUA Woolwich Pump Station 22-531

Project # N/A Order ID # Q3725

Test Name: VOCGCMS NJ CleanGroup New,SVOCMS NJ CleanGroup

New, EPH_NF, PCB, PESTICIDE NJCLEAN Group New, Mercury, Metals NJClean

Group New, Cvanide

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 11/25/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOCGCMS NJ CleanGroup New,SVOCMS NJ CleanGroup

New,EPH_NF,PCB,PESTICIDE NJCLEAN Group New,Mercury,Metals NJClean Group New,Cyanide. This data package contains results for VOCGCMS NJ CleanGroup New(8260D),SVOCMS NJ CleanGroup

New(8270E), EPH_NF(NJEPH), PCB(8082A), PESTICIDE NJCLEAN Group New(8081B), Mercury(7471B), Metals NJClean Group New(6010D), Cyanide(9012).

C. Analytical Techniques:

VOCGCMS NJ CleanGroup New: 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 VOCGCMS NJ CleanGroup New was based on method 8260D.

SVOCMS NJ CleanGroup New: The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of SVOCMS NJ CleanGroup New was based on method 8270E and extraction was done based on method 3541.

PCB: 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.

EPH_NF: 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.

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PESTICIDE NJCLEAN Group New: The analysis was performed on instrument ECD_D. 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 NJCLEAN Group News was based on method 8081B and extraction was done based on method 3541.

Mercury,Metals NJClean Group New: The analysis of Metals NJClean Group New was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

Wetchem: The analysis of Cyanide was based on method 9012B and extraction was done based on method 9014.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except following VOCGCMS NJ CleanGroup New: STOCKPILE-SAMPLES [4-Bromofluorobenzene - 67%] 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 MS recoveries met the requirements for all compounds except following SVOCMS NJ CleanGroup New: The MS {Q3735-01MS} with File ID: BF144392.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[63%] and 4,6-Dinitro-2-methylphenol[52%]. These compounds did not meet the NJDKQP criteria but met the in-house criteria.

Mercury, Metals NJClean Group New: The Matrix Spike (WC1MS) analysis met criteria for all compounds except for Antimony and Vanadium due to Chemical Interference during Digestion Process.

The MSD recoveries met the requirements for all compounds except following SVOCMS NJ CleanGroup New: The MSD {Q3735-01MSD} with File ID: BF144393.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[68%] and 4,6-Dinitro-2-methylphenol[43%]. These compounds did not meet the NJDKQP criteria but met the in-house criteria.

Mercury, Metals NJClean Group New: The Matrix Spike Duplicate (WC1MSD) analysis met criteria for all compounds except for Antimony due to Chemical Interference during Digestion Process.



The RPD were met for all analysis except following SVOCMS NJ CleanGroup New: The RPD for {Q3735-01MSD} with File ID: BF144393.D met criteria except for 2,4-Dinitrophenol[38%], Hexachlorocyclopentadiene[21%]. Due to difference in MS and MSD concentrations.

The Blank Spike met requirements for all compounds except following SVOCMS NJ CleanGroup New: The Blank Spike for {PB170763BS} with File ID: BF144386.D met requirements for all compounds except for Benzidine[19%]. This compound did not meet the NJDKQP criteria but met the in-house criteria.

The Blank Spike Duplicate met requirements for all compounds
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements except following
SVOCMS NJ CleanGroup New: The %RSD is greater than 20% in the Method 8270-BF110525.M for Hexachlorocyclopentadiene, this compound is passing on Quadratic regression.

The Continuous Calibration met the requirements except following SVOCMS NJ CleanGroup New: The Continuous Calibration File ID BF144382.D met the requirements except for Benzaldehyde and Benzidine. But associated samples have no positive hit therefore no corrective action was taken.

PCB: The Continuous Calibration File ID PO115479.D met the requirements except for Aroclor-1260(Peak-02) is failing in 2nd column, however it is passed in 1st column therefore no corrective action was taken.

The Continuous Calibration File ID PO115493.D met the requirements except for Aroclor-1016(Peak-04) is failing in 2nd column, however it is passed in 1st column therefore no corrective action was taken.

The Tuning criteria met requirements.

Mercury, Metals NJClean Group New: The Duplicate analysis met criteria for all samples. The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The soil samples results are based on a dry weight basis. The temperature of the samples at the time of receipt was 16.1°C.

Mercury, Metals NJClean Group New: The Post Digest Spike (WC1A) analysis met criteria for all compounds except for Antimony and Vanadium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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Sample Q3725-04 has unknown interferences from the soil which can suppress the actual concentration without dilution and also can effect the path of sample probe and tubes and the nebulizer can be blocked to make the small orifice and hence can effect QC failure. So straight 5X dilution was necessary for analyze sample.

VOCGCMS NJ CleanGroup New: 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.

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.

APPROVED

Signature_

By Nimisha Pandya, QA/QC Supervisor at 9:54 am, Dec 09, 2025

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DATA REPORTING QUALIFIERS- INORGANIC

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

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



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. 								
В	Indicates the analyte was found in the blank as well as the sample report as "12 B".								
E	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.								
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.								
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".								
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.								
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.								
Q	Indicates the LCS did not meet the control limits requirements								

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Aliance
TECHNICAL GROUP

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3725

	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)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	<u> </u>
Is the chain of custody signed and complete	<u> </u>
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	<u> </u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u> </u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u> </u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u> </u>
Do requested analyses on Chain of Custody agree with the log-in page	<u> </u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	<u> </u>
Were the samples received within hold time	<u> </u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	<u> </u>
ANALYTICAL:	
Was method requirement followed?	<u> </u>
Was client requirement followed?	<u> </u>
Does the case narrative summarize all QC failure?	' ' ' ' ' '
All runlogs and manual integration are reviewed for requirements	<u> </u>
All manual calculations and /or hand notations verified	<u> </u>

QA Review Signature: SOHIL JODHANI Date: 12/09/2025

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Hit Summary Sheet

SDG No.: Q3725

Client: Roman E&G Corp

SW-846

D

Sample ID Client ID Matrix Parameter Concentration C MDL RDL Units

Client ID:

0

Total Voc:

Total Concentration:

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5



С

L

SAMPLE DATA

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Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp Date Collected: 11/25/25

Project:AQUA Woolwich Pump Station 22-531Date Received:11/25/25Client Sample ID:STOCKPILE-SAMPLESSDG No.:Q3725Lab Sample ID:Q3725-04Matrix:SOIL

Analytical Method: 8260D Level: LOW % Solid: 83.4

Sample Wt/Vol: 5.84 g Final Vol: 5000 uL Test: VOCGCMS NJ CleanGroup N

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	_	1	1.20	5.10	ug/Kg	11/26/25 14:31	
74-87-3	Chloromethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	
75-01-4	Vinyl Chloride	0.81	U	1	0.81	5.10	ug/Kg	11/26/25 14:31	
74-83-9	Bromomethane	1.10	U	1	1.10	5.10	ug/Kg	11/26/25 14:31	VY11262
75-00-3	Chloroethane	1.30	U	1	1.30	5.10	ug/Kg	11/26/25 14:31	
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	VY11262
75-65-0	Tert butyl alcohol	14.1	U	1	14.1	25.7	ug/Kg	11/26/25 14:31	VY11262
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.10	ug/Kg	11/26/25 14:31	VY11262
107-02-8	Acrolein	9.00	U	1	9.00	25.7	ug/Kg	11/26/25 14:31	VY11262
107-13-1	Acrylonitrile	5.10	U	1	5.10	25.7	ug/Kg	11/26/25 14:31	VY11262
67-64-1	Acetone	4.90	U	1	4.90	25.7	ug/Kg	11/26/25 14:31	VY11262
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.10	ug/Kg	11/26/25 14:31	VY11262
1634-04-4	Methyl tert-butyl Ether	0.75	U	1	0.75	5.10	ug/Kg	11/26/25 14:31	VY11262
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.10	ug/Kg	11/26/25 14:31	VY11262
75-09-2	Methylene Chloride	3.60	U	1	3.60	10.3	ug/Kg	11/26/25 14:31	
156-60-5	trans-1,2-Dichloroethene	0.88	U	1	0.88	5.10	ug/Kg	11/26/25 14:31	VY11262
75-34-3	1,1-Dichloroethane	0.82	U	1	0.82	5.10	ug/Kg	11/26/25 14:31	VY11262
78-93-3	2-Butanone	6.70	U	1	6.70	25.7	ug/Kg	11/26/25 14:31	VY11262
56-23-5	Carbon Tetrachloride	1.00	U	1	1.00	5.10	ug/Kg	11/26/25 14:31	VY11262
156-59-2	cis-1,2-Dichloroethene	0.77	U	1	0.77	5.10	ug/Kg	11/26/25 14:31	VY11262
67-66-3	Chloroform	0.86	U	1	0.86	5.10	ug/Kg	11/26/25 14:31	VY11262
71-55-6	1,1,1-Trichloroethane	0.95	U	1	0.95	5.10	ug/Kg	11/26/25 14:31	VY11262
71-43-2	Benzene	0.81	U	1	0.81	5.10	ug/Kg	11/26/25 14:31	VY11262
107-06-2	1,2-Dichloroethane	0.81	U	1	0.81	5.10	ug/Kg	11/26/25 14:31	VY11262
79-01-6	Trichloroethene	0.83	U	1	0.83	5.10	ug/Kg	11/26/25 14:31	VY11262
78-87-5	1,2-Dichloropropane	0.93	U	1	0.93	5.10	ug/Kg	11/26/25 14:31	VY11262
75-27-4	Bromodichloromethane	0.80	U	1	0.80	5.10	ug/Kg	11/26/25 14:31	VY11262
108-88-3	Toluene	0.80	U	1	0.80	5.10	ug/Kg	11/26/25 14:31	VY11262
10061-02-6	t-1,3-Dichloropropene	0.67	U	1	0.67	5.10	ug/Kg	11/26/25 14:31	VY11262
10061-01-5	cis-1,3-Dichloropropene	0.64	U	1	0.64	5.10	ug/Kg	11/26/25 14:31	VY11262
79-00-5	1,1,2-Trichloroethane	0.94	U	1	0.94	5.10	ug/Kg	11/26/25 14:31	VY11262
124-48-1	Dibromochloromethane	0.89	U	1	0.89	5.10	ug/Kg	11/26/25 14:31	VY11262
106-93-4	1,2-Dibromoethane	0.90	U	1	0.90	5.10	ug/Kg	11/26/25 14:31	VY11262
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.10	ug/Kg	11/26/25 14:31	VY11262
108-90-7	Chlorobenzene	0.93	U	1	0.93	5.10	ug/Kg	11/26/25 14:31	VY11262
100-41-4	Ethyl Benzene	0.69	U	1	0.69	5.10	ug/Kg	11/26/25 14:31	VY11262
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.3	ug/Kg	11/26/25 14:31	VY11262
1330-20-7	Total Xylenes	2.14	U	1	2.14	15.4	ug/Kg	11/26/25 14:31	VY11262
95-47-6	o-Xylene	0.84	U	1	0.84	5.10	ug/Kg	11/26/25 14:31	VY11262
100-42-5	Styrene	0.73	U	1	0.73	5.10	ug/Kg	11/26/25 14:31	
75-25-2	Bromoform	0.88	U	1	0.88	5.10	ug/Kg	11/26/25 14:31	
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	
95-63-6	1,2,4-Trimethylbenzene	0.66	U		0.66	5.10	ug/Kg	11/26/25 14:31	

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Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp

Project: AQUA Woolwich Pump Station 22-531

Client Sample ID: STOCKPILE-SAMPLES

Lab Sample ID: Q3725-04

Analytical Method: 8260D Level: LOW

Sample Wt/Vol: 5.84 g Final Vol: 5000 uL

Date Collected: 11/25/25 Date Received: 11/25/25

SDG No.: Q3725
Matrix: SOIL

% Solid: 83.4

Test: VOCGCMS NJ CleanGroup N

-	-								-
CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQI	Units	Date Ana.	BatchID
541-73-1	1,3-Dichlorobenzene	1.80	U	1	1.80	5.10	ug/Kg	11/26/25 14:31	VY112625
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.10	ug/Kg	11/26/25 14:31	VY112625
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.10	ug/Kg	11/26/25 14:31	VY112625
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.10	ug/Kg	11/26/25 14:31	VY112625
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.10	ug/Kg	11/26/25 14:31	VY112625
SURROGAT	TES								
17060-07-0	1,2-Dichloroethane-d4	56.8			70 (63) - 130 (155)	114%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.5			70 (70) - 130 (134)	107%	SPK: 50		
2037-26-5	Toluene-d8	48.4			70 (74) - 130 (123)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	33.5	*		70 (52) - 130 (138)	67%	SPK: 50		
INTERNAL	STANDARDS	Area C	ount						
363-72-4	Pentafluorobenzene	711000							
540-36-3	1,4-Difluorobenzene	1270000)						
3114-55-4	Chlorobenzene-d5	921000							
3855-82-1	1,4-Dichlorobenzene-d4	270000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

Q3725 OrderID:

11/25/2025 4:38:51 PM OrderDate: Roman E&G Corp Client: Project: AQUA Woolwich Pump Station 22-531

Sonny Puzzo Location: D41,VOA Lab Contact:

ClientID Sample Date **Prep Date** Received LabID Matrix Test Method **Anal Date** Q3725-04 11/25/25 SOIL STOCKPILE-SAMPLES 11/25/25 11/26/25 VOCGCMS NJ CleanGroup New 8260D

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Hit Summary Sheet SW-846

SDG No.: Q3725

Client: Roman E&G Corp

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	STOCKPILE-SAM	PLES						
Q3725-04	STOCKPILE-SAM	MPLES SOIL	Fluoranthene	190.000	J	35.9	200	ug/Kg
Q3725-04	STOCKPILE-SAM	MPLES SOIL	Pyrene	120.000	J	43.1	200	ug/Kg
Q3725-04	STOCKPILE-SAM	MPLES SOIL	Benzo(a)anthracene	91.900	J	27.5	200	ug/Kg
Q3725-04	STOCKPILE-SAM	MPLES SOIL	Chrysene	97.300	J	23.8	200	ug/Kg
Q3725-04	STOCKPILE-SAM	MPLES SOIL	Benzo(b)fluoranthene	170.000	J	22.7	200	ug/Kg
Q3725-04	STOCKPILE-SAM	MPLES SOIL	Benzo(a)pyrene	110.000	J	35.3	200	ug/Kg
			Total Svoc :	-	779.	20		

Total Concentration: 779.20

Q3725 **17 of 45**











SAMPLE DATA

6

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1

Q3725 **18 of 45**



Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp
Project: AQUA Woolwich Pump Station 22-531

Client Sample ID: STOCKPILE-SAMPLES

Lab Sample ID: Q3725-04

Q3725

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 30.08 g Final Vol: 1000 uL

Prep Method: SW3541 Prep Date: 12/01/25

Date Collected: 11/25/25 Date Received: 11/25/25 SDG No.: Q3725

Matrix: SOIL 83.4

Test: SVOCMS NJ CleanGroup Ne

CAS Numbe	r Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana. Prep BatchID
TARGETS								
62-75-9	n-Nitrosodimethylamine	40.1	U	1	40.1	390	ug/Kg	12/01/25 16:14 PB170763
100-52-7	Benzaldehyde	190	U	1	190	390	ug/Kg	12/01/25 16:14 PB170763
108-95-2	Phenol	26.4	U	1	26.4	200	ug/Kg	12/01/25 16:14 PB170763
111-44-4	bis(2-Chloroethyl)ether	29.1	U	1	29.1	200	ug/Kg	12/01/25 16:14 PB170763
95-57-8	2-Chlorophenol	29.2	U	1	29.2	200	ug/Kg	12/01/25 16:14 PB170763
95-48-7	2-Methylphenol	35.8	U	1	35.8	200	ug/Kg	12/01/25 16:14 PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	44.8	U	1	44.8	200	ug/Kg	12/01/25 16:14 PB170763
98-86-2	Acetophenone	35.3	U	1	35.3	200	ug/Kg	12/01/25 16:14 PB170763
65794-96-9	3+4-Methylphenols	49.1	U	1	49.1	390	ug/Kg	12/01/25 16:14 PB170763
621-64-7	n-Nitroso-di-n-propylamine	56.7	U	1	56.7	95.7	ug/Kg	12/01/25 16:14 PB170763
67-72-1	Hexachloroethane	21.0	U	1	21.0	200	ug/Kg	12/01/25 16:14 PB170763
98-95-3	Nitrobenzene	21.9	U	1	21.9	200	ug/Kg	12/01/25 16:14 PB170763
78-59-1	Isophorone	39.2	U	1	39.2	200	ug/Kg	12/01/25 16:14 PB170763
105-67-9	2,4-Dimethylphenol	77.5	U	1	77.5	200	ug/Kg	12/01/25 16:14 PB170763
120-83-2	2,4-Dichlorophenol	33.8	U	1	33.8	200	ug/Kg	12/01/25 16:14 PB170763
91-20-3	Naphthalene	27.1	U	1	27.1	200	ug/Kg	12/01/25 16:14 PB170763
87-68-3	Hexachlorobutadiene	30.3	U	1	30.3	200	ug/Kg	12/01/25 16:14 PB170763
105-60-2	Caprolactam	62.3	U	1	62.3	390	ug/Kg	12/01/25 16:14 PB170763
91-57-6	2-Methylnaphthalene	30.6	U	1	30.6	200	ug/Kg	12/01/25 16:14 PB170763
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/01/25 16:14 PB170763
88-06-2	2,4,6-Trichlorophenol	23.7	U	1	23.7	200	ug/Kg	12/01/25 16:14 PB170763
95-95-4	2,4,5-Trichlorophenol	34.8	U	1	34.8	200	ug/Kg	12/01/25 16:14 PB170763
92-52-4	1,1-Biphenyl	26.1	U	1	26.1	200	ug/Kg	12/01/25 16:14 PB170763
88-74-4	2-Nitroaniline	57.5	U	1	57.5	200	ug/Kg	12/01/25 16:14 PB170763
208-96-8	Acenaphthylene	34.6	U	1	34.6	200	ug/Kg	12/01/25 16:14 PB170763
606-20-2	2,6-Dinitrotoluene	40.2	U	1	40.2	200	ug/Kg	12/01/25 16:14 PB170763
83-32-9	Acenaphthene	25.5	U	1	25.5	200	ug/Kg	12/01/25 16:14 PB170763
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/01/25 16:14 PB170763
121-14-2	2,4-Dinitrotoluene	59.9	U	1	59.9	200	ug/Kg	12/01/25 16:14 PB170763
84-66-2	Diethylphthalate	33.8	U	1	33.8	200	ug/Kg	12/01/25 16:14 PB170763
86-73-7	Fluorene	30.3	U	1	30.3	200	ug/Kg	12/01/25 16:14 PB170763
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/01/25 16:14 PB170763
86-30-6	n-Nitrosodiphenylamine	39.3	U	1	39.3	200	ug/Kg	12/01/25 16:14 PB170763
103-33-3	Azobenzene	34.9	U	1	34.9	200	ug/Kg	12/01/25 16:14 PB170763
118-74-1	Hexachlorobenzene	30.3	U	1	30.3	200	ug/Kg	12/01/25 16:14 PB170763
1912-24-9	Atrazine	40.7	U	1	40.7	200	ug/Kg	12/01/25 16:14 PB170763
87-86-5	Pentachlorophenol	61.3	U	1	61.3	390	ug/Kg	12/01/25 16:14 PB170763
85-01-8	Phenanthrene	25.0	U	1	25.0	200	ug/Kg	12/01/25 16:14 PB170763
120-12-7	Anthracene	39.8	U	1	39.8	200	ug/Kg	12/01/25 16:14 PB170763
86-74-8	Carbazole	37.3	U	1	37.3	200	ug/Kg	12/01/25 16:14 PB170763
84-74-2	Di-n-butylphthalate	57.3	U	1	57.3	200	ug/Kg	12/01/25 16:14 PB170763
206-44-0	Fluoranthene	190	J	1	35.9	200	ug/Kg	12/01/25 16:14 PB170763
00705								

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Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp

Project: AQUA Woolwich Pump Station 22-531

Client Sample ID: STOCKPILE-SAMPLES

Lab Sample ID: Q3725-04

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: Final Vol: 1000 uL 30.08 g

SW3541 Prep Method: Prep Date: 12/01/25

Date Collected: 11/25/25 Date Received: 11/25/25 SDG No.: Q3725 SOIL Matrix: % Solid: 83.4

Test: SVOCMS NJ CleanGroup Ne

CAS Numbe	er Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana. Prep BatchID
92-87-5	Benzidine	180	UQ	1	180	390	ug/Kg	12/01/25 16:14 PB170763
129-00-0	Pyrene	120	J	1	43.1	200	ug/Kg	12/01/25 16:14 PB170763
85-68-7	Butylbenzylphthalate	85.4	U	1	85.4	200	ug/Kg	12/01/25 16:14 PB170763
91-94-1	3,3-Dichlorobenzidine	43.9	U	1	43.9	390	ug/Kg	12/01/25 16:14 PB170763
56-55-3	Benzo(a)anthracene	91.9	J	1	27.5	200	ug/Kg	12/01/25 16:14 PB170763
218-01-9	Chrysene	97.3	J	1	23.8	200	ug/Kg	12/01/25 16:14 PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	70.8	U	1	70.8	200	ug/Kg	12/01/25 16:14 PB170763
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/01/25 16:14 PB170763
205-99-2	Benzo(b)fluoranthene	170	J	1	22.7	200	ug/Kg	12/01/25 16:14 PB170763
207-08-9	Benzo(k)fluoranthene	26.8	U	1	26.8	200	ug/Kg	12/01/25 16:14 PB170763
50-32-8	Benzo(a)pyrene	110	J	1	35.3	200	ug/Kg	12/01/25 16:14 PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	34.8	U	1	34.8	200	ug/Kg	12/01/25 16:14 PB170763
53-70-3	Dibenzo(a,h)anthracene	32.8	U	1	32.8	200	ug/Kg	12/01/25 16:14 PB170763
191-24-2	Benzo(g,h,i)perylene	30.7	U	1	30.7	200	ug/Kg	12/01/25 16:14 PB170763
SURROGATI	ES							
367-12-4	2-Fluorophenol	83.3			30 (10) - 130 (105)	56%	SPK: 15	50
13127-88-3	Phenol-d6	83.8			30 (10) - 130 (103)	56%	SPK: 15	50
4165-60-0	Nitrobenzene-d5	58.1			30 (10) - 130 (108)	58%	SPK: 10	00
321-60-8	2-Fluorobiphenyl	59.1			30 (10) - 130 (108)	59%	SPK: 10	00
118-79-6	2,4,6-Tribromophenol	70.5			30 (10) - 130 (116)	47%	SPK: 15	50
1718-51-0	Terphenyl-d14	44.2			30 (10) - 130 (109)	44%	SPK: 10	00
INTERNAL S	TANDARDS	Area C	ount					
3855-82-1	1,4-Dichlorobenzene-d4	55100)					
1146-65-2	Naphthalene-d8	21000	00					
15067-26-2	Acenaphthene-d10	10200	00					
1517-22-2	Phenanthrene-d10	15700	00					
1719-03-5	Chrysene-d12	14700	00					
1520-96-3	Perylene-d12	16200	00					

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



LAB CHRONICLE

OrderID: Q3725

Client: Roman E&G Corp

Contact: Sonny Puzzo

OrderDate: 11/25/2025 4:38:51 PM

Project: AQUA Woolwich Pump Station 22-531

Location: D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3725-04	STOCKPILE-SAMPLES	SOIL	11/25/25					11/25/25
			SVOCMS NJ CleanGroup New	8270E		12/01/25	12/01/25	

Q3725 **21 of 45**



Q3725

SDG No.:

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

Hit Summary Sheet SW-846

Order ID: Q3725

Client: Roman E&G Corp Project ID: AQUA Woolwich Pump Station 22-531

				•			-	
Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	STOCKPILE-SAM	PLES						
Q3725-04	STOCKPILE-SA	MPL SOIL	Heptachlor	0.27	J	0.14	2.00	ug/kg
Q3725-04	STOCKPILE-SA	MPL SOIL	Dieldrin	0.63	JP	0.17	2.00	ug/kg
Q3725-04	STOCKPILE-SA	MPL SOIL	4,4-DDE	2.00		0.17	2.00	ug/kg
Q3725-04	STOCKPILE-SA	MPL SOIL	4,4-DDD	1.20	JP	0.18	2.00	ug/kg
Q3725-04	STOCKPILE-SA	MPL SOIL	4,4-DDT	2.40	P	0.17	2.00	ug/kg
Q3725-04	STOCKPILE-SA	MPL SOIL	alpha-Chlordane	3.30		0.14	2.00	ug/kg
Q3725-04	STOCKPILE-SA	MPL SOIL	gamma-Chlordane	2.80		0.18	2.00	ug/kg

Total Concentration: 12.600

Q3725 **22 of 45**



SAMPLE DATA

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Q3725 **23 of 45**



Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp

Project: AQUA Woolwich Pump Station 22-531

Client Sample ID: STOCKPILE-SAMPLES

Lab Sample ID: Q3725-04 Analytical Method: 8081B

Sample Wt/Vol: 30.06 g Final Vol: 10000 uL

Prep Method: SW3541B Prep Date: 12/01/25

Date Collected:	11/25/25
Date Received:	11/25/25
SDG No.:	Q3725
Matrix:	SOIL
% Solid:	83.4

Test: PESTICIDE NJCLEAN Group New

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.16	U	1	0.16	2.00	ug/kg	12/01/25 12:59	PB170762
319-85-7	beta-BHC	0.22	U	1	0.22	2.00	ug/kg	12/01/25 12:59	PB170762
58-89-9	gamma-BHC (Lindane)	0.17	U	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
76-44-8	Heptachlor	0.27	J	1	0.14	2.00	ug/kg	12/01/25 12:59	PB170762
309-00-2	Aldrin	0.14	U	1	0.14	2.00	ug/kg	12/01/25 12:59	PB170762
1024-57-3	Heptachlor epoxide	0.23	U	1	0.23	2.00	ug/kg	12/01/25 12:59	PB170762
959-98-8	Endosulfan I	0.17	U	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
60-57-1	Dieldrin	0.63	JP	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
72-55-9	4,4-DDE	2.00		1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
72-20-8	Endrin	0.17	U	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
33213-65-9	Endosulfan II	0.35	U	1	0.35	2.00	ug/kg	12/01/25 12:59	PB170762
72-54-8	4,4-DDD	1.20	JP	1	0.18	2.00	ug/kg	12/01/25 12:59	PB170762
1031-07-8	Endosulfan Sulfate	0.16	U	1	0.16	2.00	ug/kg	12/01/25 12:59	PB170762
50-29-3	4,4-DDT	2.40	P	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
72-43-5	Methoxychlor	0.44	U	1	0.44	2.00	ug/kg	12/01/25 12:59	PB170762
5103-71-9	alpha-Chlordane	3.30		1	0.14	2.00	ug/kg	12/01/25 12:59	PB170762
5103-74-2	gamma-Chlordane	2.80		1	0.18	2.00	ug/kg	12/01/25 12:59	PB170762
8001-35-2	Toxaphene	6.50	U	1	6.50	39.5	ug/kg	12/01/25 12:59	PB170762
SURROGATE	ES								
2051-24-3	Decachlorobiphenyl	11.5			30 (10) - 150 (143)	58%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			30 (10) - 150 (131)	103%	SPK: 20		

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 Q3725

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



LAB CHRONICLE

Q3725 OrderID:

11/25/2025 4:38:51 PM OrderDate: Roman E&G Corp Client: Project: AQUA Woolwich Pump Station 22-531

Sonny Puzzo Location: D41,VOA Lab Contact:

ClientID Sample Date **Prep Date** Received LabID Matrix Test Method **Anal Date** Q3725-04 11/25/25 SOIL STOCKPILE-SAMPLES 11/25/25 PESTICIDE NJCLEAN Group New 12/01/25 8081B 12/01/25

Q3725 25 of 45



Fax: 908 789 8922

Hit Summary Sheet SW-846

SDG No.: Q3725 Order ID: Q3725

Client: Roman E&G Corp Project ID: AQUA Woolwich Pump Station 22-531

Sample ID Client ID Matrix Parameter Concentration C MDL RDL Units

Client ID:

Total Concentration: 0.000

Q3725 **26 of 45**



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D

SAMPLE DATA

Q3725 **27 of 45**

Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp

Project: AQUA Woolwich Pump Station 22-531

Client Sample ID: STOCKPILE-SAMPLES

Lab Sample ID: Q3725-04 Analytical Method: 8082A

Sample Wt/Vol: Final Vol: 10000 uL 30.06 g

Prep Method: SW3541B Prep Date: 12/01/25

Date Collected:	11/25/25
Date Received:	11/25/25
SDG No.:	Q3725
Matrix:	SOIL
% Solid:	83.4
Test:	PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.70	U	1	4.70	20.3	ug/kg	12/01/25 12:56	PB170761
11104-28-2	Aroclor-1221	4.80	U	1	4.80	20.3	ug/kg	12/01/25 12:56	PB170761
11141-16-5	Aroclor-1232	4.50	U	1	4.50	20.3	ug/kg	12/01/25 12:56	PB170761
53469-21-9	Aroclor-1242	4.80	U	1	4.80	20.3	ug/kg	12/01/25 12:56	PB170761
12672-29-6	Aroclor-1248	7.10	U	1	7.10	20.3	ug/kg	12/01/25 12:56	PB170761
11097-69-1	Aroclor-1254	3.80	U	1	3.80	20.3	ug/kg	12/01/25 12:56	PB170761
37324-23-5	Aroclor-1262	6.00	U	1	6.00	20.3	ug/kg	12/01/25 12:56	PB170761
11100-14-4	Aroclor-1268	4.30	U	1	4.30	20.3	ug/kg	12/01/25 12:56	PB170761
11096-82-5	Aroclor-1260	3.90	U	1	3.90	20.3	ug/kg	12/01/25 12:56	PB170761
SURROGATI	ES								
877-09-8	Tetrachloro-m-xylene	22.9			30 (21) - 150 (165)	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.5			30 (10) - 150 (170)	78%	SPK: 20		

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 Q3725

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



LAB CHRONICLE

OrderID: Q3725

Client: Roman E&G Corp

Contact: Sonny Puzzo

OrderDate: 11/25/2025 4:38:51 PM

Project: AQUA Woolwich Pump Station 22-531

Location: D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3725-04	STOCKPILE-SAMPLES	SOIL			11/25/25			11/25/25
			PCB PESTICIDE NJCLEAN Group New	8082A 8081B		12/01/25 12/01/25	12/01/25 12/01/25	

Q3725 **29 of 45**



SAMPLE DATA

9

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Q3725 **30 of 45**



Date Collected: 11/25/25

Date Received: 11/25/25

Q3725

Solid

SDG No.:

Matrix:

Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp

Project: AQUA Woolwich Pump Station 22-531

Client Sample ID: STOCKPILE-SAMPLES
Lab Sample ID: Q3725-04
Analytical Method: NJEPH

Analytical Method: NJEPH % Solid: 83.4
Sample Wt/Vol: 30.04 g Final Vol: 2000 uL Test: EPH_NF

Prep Method: Prep Date: 12/01/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	24.9		1	1.41	2.39	mg/kg	FE057105.D	12/01/25 1	9:09 PB170764
Aliphatic C9-C28	Aliphatic C9-C28	2.19	J	1	1.09	4.80	mg/kg	FE057105.D	12/01/25 1	9:09 PB170764
Total AliphaticEPH	Total AliphaticEPH	27.1			2.50	7.19	mg/kg			
Total EPH	Total EPH	27.1			2.50	7.19	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

Q3725 **31 of 45**



Date Collected: 11/25/25

Date Received: 11/25/25

Q3725

Solid

83.4

EPH_NF

SDG No.:

Matrix:

% Solid:

Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp

Project: AQUA Woolwich Pump Station 22-531

Client Sample ID: STOCKPILE-SAMPLES

Lab Sample ID: Q3725-04 Analytical Method: NJEPH

Sample Wt/Vol: 30.04 g Final Vol: 2000 uL Test:

Prep Method: Prep Date 12/01/25

CAS Number	Parameter (Conc.	Qu	a. DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	2.19	J	1	1.09	4.80	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	24.9		1	1.41	2.39	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR	20.2			40 - 140	40%	SPK: 50)	
84-15-1	ortho-Terphenyl (SURR)	24.8			40 - 140	50%	SPK: 50)	

Q3725 **32 of 45**



Quantitation Report For Aliphatic EPH Range.

Lab Sample ID: Acq On: Q3725-04 01 Dec 2025 19:09

STOCKPILE-SAMPLES Client Sample ID: Operator: $YP \backslash AJ$

Data file: FE057105.D Misc:

Instrument: FID_E ALS Vial: 23 Dilution Factor: 1 Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	564748	2.815	300	ug/ml
Aliphatic C12-C16	6.826	10.270	809083	3.982	200	ug/ml
Aliphatic C16-C21	10.271	13.644	1354782	6.831	300	ug/ml
Aliphatic C21-C28	13.645	17.313	2733814	13.755	400	ug/ml
Aliphatic C28-C40	17.314	22.242	62451163	312.412	600	ug/ml
Aliphatic EPH	3.201	22.242	67913590	339.796		ug/ml
ortho-Terphenyl (SURR)	11.940	11.940	5436730	24.78		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	3359054	20.18		ug/ml
Aliphatic C9-C28	3.201	17.313	5462427	27.383	1200	ug/ml

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LAB CHRONICLE

Q3725 OrderID:

11/25/2025 4:38:51 PM OrderDate: Roman E&G Corp Client: Project: AQUA Woolwich Pump Station 22-531

Sonny Puzzo Location: D41,VOA Lab Contact:

Sample Date **Prep Date** LabID ClientID Matrix Test Method **Anal Date** Received Q3725-04 11/25/25 SOIL STOCKPILE-SAMPLES 11/25/25 PCB 8082A 12/01/25 12/01/25 PESTICIDE NJCLEAN Group New 8081B 12/01/25 12/01/25 EPH_NF NJEPH 12/01/25 12/01/25

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Q3725

SDG No.:

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

Hit Summary Sheet SW-846

Order ID: Q3725

Client:	Roman E&G Corp			Project ID) :	AQUA Woolwic	h Pump Station 22-	531
Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	STOCKPILE-SAMPLES							
Q3725-04	STOCKPILE-SAMPLES	SOIL	Aluminum	7510	D	4.54	27.0	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Arsenic	5.32	JD	1.03	5.40	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Barium	48.5	D	3.94	27.0	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Beryllium	0.54	JD	0.14	1.62	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Cadmium	0.53	JD	0.13	1.62	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Chromium	21.2	D	0.25	2.70	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Cobalt	4.06	JD	0.54	8.10	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Copper	19.2	D	1.19	5.40	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Lead	25.3	D	0.70	3.24	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Manganese	331	D	0.76	5.40	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Mercury	0.051		0.0090	0.016	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Nickel	11.2	D	0.70	10.8	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Vanadium	20.6	D	1.35	10.8	mg/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Zinc	68.8	D	1.24	10.8	mg/Kg

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10

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C

E

SAMPLE DATA

Q3725

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Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp Date Collected: 11/25/25
Project: AQUA Woolwich Pump Station 22-531 Date Received: 11/25/25

Project:AQUA Woolwich Pump Station 22-531Date Received:11/25/25Client Sample ID:STOCKPILE-SAMPLESSDG No.:Q3725Lab Sample ID:Q3725-04Matrix:SOIL

Lab Sample ID: Q3/25-04 Matrix: SOII

Level (low/med): low % Solid: 83.4

Cas	Parameter	Conc.	Qua. Dl	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7510	D 5	4.54	27.0	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-36-0	Antimony	1.19	UDN5	1.19	13.5	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-38-2	Arsenic	5.32	JD 5	1.03	5.40	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-39-3	Barium	48.5	D 5	3.94	27.0	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-41-7	Beryllium	0.54	JD 5	0.14	1.62	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-43-9	Cadmium	0.53	JD 5	0.13	1.62	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-47-3	Chromium	21.2	D 5	0.25	2.70	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-48-4	Cobalt	4.06	JD 5	0.54	8.10	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-50-8	Copper	19.2	D 5	1.19	5.40	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7439-92-1	Lead	25.3	D 5	0.70	3.24	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7439-96-5	Manganese	331	D 5	0.76	5.40	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7439-97-6	Mercury	0.051	1	0.0090	0.016	mg/Kg	12/01/25 09:10	12/02/25 13:00	7471B	M7471B
7440-02-0	Nickel	11.2	D 5	0.70	10.8	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7782-49-2	Selenium	1.40	UD 5	1.40	5.40	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-22-4	Silver	0.65	UD 5	0.65	2.70	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-62-2	Vanadium	20.6	DN 5	1.35	10.8	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050
7440-66-6	Zinc	68.8	D 5	1.24	10.8	mg/Kg	12/01/25 11:35	12/01/25 17:17	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

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LAB CHRONICLE

Q3725 OrderID:

11/25/2025 4:38:51 PM OrderDate:

Roman E&G Corp Client: Project: AQUA Woolwich Pump Station 22-531

Sonny Puzzo Location: D41,VOA Lab Contact:

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3725-04	STOCKPILE-SAMPLES	SOIL			11/25/25			11/25/25
			Mercury Metals NJClean Group New	7471B 6010D		12/01/25 12/01/25	12/02/25 12/01/25	

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SAMPLE DATA

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Fax: 908 789 8922

Report of Analysis

Client: Roman E&G Corp

Project: AQUA Woolwich Pump Station 22-531 Date

Client Sample ID: STOCKPILE-SAMPLES

Lab Sample ID: Q3725-04

Date Collected: 11/25/25 12:00 Date Received: 11/25/25

SDG No.: Q3725 Matrix: SOIL % Solid: 83.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.084	J	1	0.050	0.30	mg/Kg	11/26/25 08:15	11/26/25 13:04	9012B

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



LAB CHRONICLE

OrderID: Q3725

Client: Roman E&G Corp

Contact: Sonny Puzzo

OrderDate: 11/25/2025 4:38:51 PM

Project: AQUA Woolwich Pump Station 22-531

Location: D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3725-04	STOCKPILE-SAMPLES	SOIL			11/25/25			11/25/25
					12:00			
			Cyanide	9012B		11/26/25	11/26/25	
							13:04	

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SHIPPING DOCUMENTS

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

LLIANCE PROJECT NO.	
UOTE NO. 03725	ļ
OC Number 2047302	12 12
CLIENT DILLING INFORMATION	liv.

CLIENT INFORMATION					CLIENT PROJECT INFORMATION							CLIENT BILLING INFORMATION								
COMPANY: REPORTTO BE SENT TO:					ECT.	NAMI	E: A	lesio	Woodu	124	ung so	han	BILLT	O: "	20me	n E	76	Cup	PO#:	12.531
ADDRESS: 14 Oyden St					PROJECT NO.: 22-531 LOCATION: Possinsville						BILL TO: Roman Ed G Cup. PO#: 22-531 ADDRESS: 14 Oyden St									
CITY NOWAY STATE: NJ ZIP: 07104					PROJECT MANAGER: Sonny Puzzo						CITY NOW STATE: NJ :ZIP: 67104						:ZIP:67104			
ATTENTION:	Sonny	Puzzo			e-mail: ensiner @ someres. Com							ATTENTION: Sorry PLAZE PHONE: 473-472-1123						3-4782-1123		
PHONE: 97	7-803-GIL			PHON	PHONE: 977-412-1123 FAX:												ALYSIS			
	DATA TURNAR		RMATION		100		DELIVE		IFORM.	ATION	100	PIL	7	100	311			ļ	جالار	الالإنسارات
FAX (RUSH) _ HARDCOPY (D EDD: *TO BE APPRO STANDARD HA	S*	Level 1 (Results Only) Level 4 (QC + Full Raw Data) Level 2 (Results + QC) NJ Reduced US EPA CLP Level 3 (Results + QC NYS ASP A NYS ASP B + Raw Data) Check Devel 3 (Results + QC NYS ASP A NYS ASP B + Raw Data) Devel 4 (QC + Full Raw Data) Check Devel 4 (QC + F																		
					SAI	IPLE	SAN	/IPLE	ES			20	PRE	SERVA	TIVES				T	DMMENTS
ALLIANCE SAMPLE ID	SA	PROJ AMPLE IDEN	ECT ITIFICATION	SAMPLI MATRIX	-	GRAB 34)	COLLI	TIME	OF BOTTLES										← Speci A-HCI B-HN03	fy Preservatives D-NaOH E-ICE
	(1)	0.1	0		8	-		TEIVIE	° _*	1	2	3	4	5	6	7 -	8	9	C-H2SO4	F-OTHER
1.	2 focu	1 Pile	xnples	S		X	11-22		_											
2.				9																
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5.	1			A																
6.																				
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10.																				
		SAMPLE C	USTODY MUST BE I	DOCUMENTE	D BE	LOW	EACH TI	ME SAMP	LES C	HANGE	POSS	ESSIO	N INCL	UDING	COUR	IER DE	LIVER	Y		
RELINQUISHED B	furre	DATE/TIME:	RECEIVED B	Y:			Condition	ons of bottles	or coolers	at receip	t: 🗆 C0	OMPLIANT	□ NON	COMPLIA	NT Q C	OOLER TE	EMP	16.1†	-0=16.,	/ ℃
RELINQUISHED B	Λ .	DATE/TIME:	RECEIVED B	Y:																
RELINQUISHED BY	Y SAMPLER:	DATE/TIME:	1528 RECEIVED BY	TT			Page	of		CLIENT	: 0	Hand D	elivered	0 0	ther					t Complete



Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD FLAD (AMAD)	10040
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
·	
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148





Fax: 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID: Q3725

ROMA02

Order Date: 11/25/2025 4:38:51 PM

Project Mgr: Deepak

Client Name: Roman E&G Corp

Project Name: AQUA Woolwich Pump Sta

Report Type: Level 1

Client Contact: Sonny Puzzo

Receive DateTime: 11/25/2025 3:28:00 PM

EDD Type: EXCEL NJCLEANUP

Invoice Name: Roman E&G Corp

Purchase Order:

Hard Copy Date:

Invoice Contact: Sonny Puzzo

Date Signoff: 11/26/2025 1:04:41 PM

LAB ID	CLIENT ID	MATRIX SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3725-04	STOCKPILE-SAMPLES	Solid 11/25/2025	12:00					

/OCGCMS NJ CleanGroupNJe@leanup Test New 820

8260D

10 Bus. Days

Relinguished By:

Date / Time:

Received By:

Date / Time:

12:4

Storage Area: VOA Refridgerator Room

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