

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



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : Alliance Technical Group LLC Client : Roman E&G Corp
 Project Location : Robbinsville Project Number : 22-531
 Laboratory Sample ID(s) : Q3725 Sampling Date(s) : 11/25/2025
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **,6010D,7471B,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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified handling, preservation, and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (4±2° C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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."

Cover Page

Order ID : Q3725

Project ID : AQUA Woolwich Pump Station 22-531

Client : Roman E&G Corp

Lab Sample Number

Q3725-04

Client Sample Number

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 : _____

Date: 12/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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,Cyanide

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
VOC/GCMS 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
SVOC/GCMS 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
SVOC/GCMS 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.

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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.

Signature_____

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: <ol style="list-style-type: none"> (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 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

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)

✓

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 Custody

✓

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: 12/09/2025

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:

0

Total Voc :

Total Concentration:

A

B

C

D



SAMPLE DATA

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
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.4
Sample Wt/Vol:	5.84 g	Test:	VOCGMS NJ CleanGroup I
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	VY112625
74-87-3	Chloromethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	VY112625
75-01-4	Vinyl Chloride	0.81	U	1	0.81	5.10	ug/Kg	11/26/25 14:31	VY112625
74-83-9	Bromomethane	1.10	U	1	1.10	5.10	ug/Kg	11/26/25 14:31	VY112625
75-00-3	Chloroethane	1.30	U	1	1.30	5.10	ug/Kg	11/26/25 14:31	VY112625
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	VY112625
75-65-0	Tert butyl alcohol	14.1	U	1	14.1	25.7	ug/Kg	11/26/25 14:31	VY112625
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.10	ug/Kg	11/26/25 14:31	VY112625
107-02-8	Acrolein	9.00	U	1	9.00	25.7	ug/Kg	11/26/25 14:31	VY112625
107-13-1	Acrylonitrile	5.10	U	1	5.10	25.7	ug/Kg	11/26/25 14:31	VY112625
67-64-1	Acetone	4.90	U	1	4.90	25.7	ug/Kg	11/26/25 14:31	VY112625
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.10	ug/Kg	11/26/25 14:31	VY112625
1634-04-4	Methyl tert-butyl Ether	0.75	U	1	0.75	5.10	ug/Kg	11/26/25 14:31	VY112625
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.10	ug/Kg	11/26/25 14:31	VY112625
75-09-2	Methylene Chloride	3.60	U	1	3.60	10.3	ug/Kg	11/26/25 14:31	VY112625
156-60-5	trans-1,2-Dichloroethene	0.88	U	1	0.88	5.10	ug/Kg	11/26/25 14:31	VY112625
75-34-3	1,1-Dichloroethane	0.82	U	1	0.82	5.10	ug/Kg	11/26/25 14:31	VY112625
78-93-3	2-Butanone	6.70	U	1	6.70	25.7	ug/Kg	11/26/25 14:31	VY112625
56-23-5	Carbon Tetrachloride	1.00	U	1	1.00	5.10	ug/Kg	11/26/25 14:31	VY112625
156-59-2	cis-1,2-Dichloroethene	0.77	U	1	0.77	5.10	ug/Kg	11/26/25 14:31	VY112625
67-66-3	Chloroform	0.86	U	1	0.86	5.10	ug/Kg	11/26/25 14:31	VY112625
71-55-6	1,1,1-Trichloroethane	0.95	U	1	0.95	5.10	ug/Kg	11/26/25 14:31	VY112625
71-43-2	Benzene	0.81	U	1	0.81	5.10	ug/Kg	11/26/25 14:31	VY112625
107-06-2	1,2-Dichloroethane	0.81	U	1	0.81	5.10	ug/Kg	11/26/25 14:31	VY112625
79-01-6	Trichloroethene	0.83	U	1	0.83	5.10	ug/Kg	11/26/25 14:31	VY112625
78-87-5	1,2-Dichloropropane	0.93	U	1	0.93	5.10	ug/Kg	11/26/25 14:31	VY112625
75-27-4	Bromodichloromethane	0.80	U	1	0.80	5.10	ug/Kg	11/26/25 14:31	VY112625
108-88-3	Toluene	0.80	U	1	0.80	5.10	ug/Kg	11/26/25 14:31	VY112625
10061-02-6	t-1,3-Dichloropropene	0.67	U	1	0.67	5.10	ug/Kg	11/26/25 14:31	VY112625
10061-01-5	cis-1,3-Dichloropropene	0.64	U	1	0.64	5.10	ug/Kg	11/26/25 14:31	VY112625
79-00-5	1,1,2-Trichloroethane	0.94	U	1	0.94	5.10	ug/Kg	11/26/25 14:31	VY112625
124-48-1	Dibromochloromethane	0.89	U	1	0.89	5.10	ug/Kg	11/26/25 14:31	VY112625
106-93-4	1,2-Dibromoethane	0.90	U	1	0.90	5.10	ug/Kg	11/26/25 14:31	VY112625
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.10	ug/Kg	11/26/25 14:31	VY112625
108-90-7	Chlorobenzene	0.93	U	1	0.93	5.10	ug/Kg	11/26/25 14:31	VY112625
100-41-4	Ethyl Benzene	0.69	U	1	0.69	5.10	ug/Kg	11/26/25 14:31	VY112625
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.3	ug/Kg	11/26/25 14:31	VY112625
1330-20-7	Total Xylenes	2.14	U	1	2.14	15.4	ug/Kg	11/26/25 14:31	VY112625
95-47-6	o-Xylene	0.84	U	1	0.84	5.10	ug/Kg	11/26/25 14:31	VY112625
100-42-5	Styrene	0.73	U	1	0.73	5.10	ug/Kg	11/26/25 14:31	VY112625
75-25-2	Bromoform	0.88	U	1	0.88	5.10	ug/Kg	11/26/25 14:31	VY112625
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	VY112625
95-63-6	1,2,4-Trimethylbenzene	0.66	U	1	0.66	5.10	ug/Kg	11/26/25 14:31	VY112625

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
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.4
Sample Wt/Vol:	5.84 g	Test:	VOCGCMS NJ CleanGroup 1
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	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
SURROGATES									
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 Count							
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

LAB CHRONICLE

OrderID:	Q3725	OrderDate:	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	Project:	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	Location:	D41,VOA Lab

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

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-SAMPLES								
Q3725-04	STOCKPILE-SAMPLES	SOIL	Fluoranthene	190.000	J	35.9	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Pyrene	120.000	J	43.1	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Benzo(a)anthracene	91.900	J	27.5	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Chrysene	97.300	J	23.8	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Benzo(b)fluoranthene	170.000	J	22.7	200	ug/Kg
Q3725-04	STOCKPILE-SAMPLES	SOIL	Benzo(a)pyrene	110.000	J	35.3	200	ug/Kg
Total Svoc :				779.20				
Total Concentration:				779.20				



SAMPLE DATA

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
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.4
Sample Wt/Vol:	30.08 g	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/01/25		

CAS Number	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

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
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.4
Sample Wt/Vol:	30.08 g	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/01/25		

CAS Number	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

SURROGATES

367-12-4	2-Fluorophenol	83.3			30 (10) - 130 (105)	56%	SPK: 150
13127-88-3	Phenol-d6	83.8			30 (10) - 130 (103)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.1			30 (10) - 130 (108)	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.1			30 (10) - 130 (108)	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.5			30 (10) - 130 (116)	47%	SPK: 150
1718-51-0	Terphenyl-d14	44.2			30 (10) - 130 (109)	44%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	55100
1146-65-2	Naphthalene-d8	210000
15067-26-2	Acenaphthene-d10	102000
1517-22-2	Phenanthrene-d10	157000
1719-03-5	Chrysene-d12	147000
1520-96-3	Perylene-d12	162000

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	OrderDate:	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	Project:	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	Location:	D41,VOA Lab

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

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 : STOCKPILE-SAMPLES								
Q3725-04	STOCKPILE-SAMPL SOIL		Heptachlor	0.27	J	0.14	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL SOIL		Dieldrin	0.63	JP	0.17	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL SOIL		4,4-DDE	2.00		0.17	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL SOIL		4,4-DDD	1.20	JP	0.18	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL SOIL		4,4-DDT	2.40	P	0.17	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL SOIL		alpha-Chlordane	3.30		0.14	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL SOIL		gamma-Chlordane	2.80		0.18	2.00	ug/kg
Total Concentration:				12.600				



SAMPLE DATA

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
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.4
Sample Wt/Vol:	30.06 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Prep Date:	12/01/25
		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
SURROGATES									
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

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	OrderDate:	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	Project:	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	Location:	D41,VOA Lab

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

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
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Client ID :

Total Concentration: 0.000

A

B

C

D



SAMPLE DATA

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
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.4
Sample Wt/Vol:	30.06 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:	12/01/25	

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
SURROGATES									
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

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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

LAB CHRONICLE

OrderID:	Q3725	OrderDate:	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	Project:	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	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	8082A		12/01/25	12/01/25	
			PESTICIDE NJCLEAN Group New	8081B		12/01/25	12/01/25	



SAMPLE DATA

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
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
Sample Wt/Vol:	30.04 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL 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 19:09	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	2.19	J	1	1.09	4.80	mg/kg	FE057105.D	12/01/25 19:09	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

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
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
	Prep Date	12/01/25	

CAS Number	Parameter	Conc.	Qua.	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		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3725-04	Acq On:	01 Dec 2025 19:09
Client Sample ID:	STOCKPILE-SAMPLES	Operator:	YP\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

LAB CHRONICLE

OrderID:	Q3725	OrderDate:	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	Project:	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	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	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	

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 : 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



SAMPLE DATA

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
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	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

LAB CHRONICLE

OrderID:	Q3725	OrderDate:	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	Project:	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	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
			Mercury	7471B		12/01/25	12/02/25	
			Metals NJClean Group New	6010D		12/01/25	12/01/25	



SAMPLE DATA

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25 12:00
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/25/25
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	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	OrderDate:	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	Project:	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	Location:	D41,VOA Lab

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



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:
COMPANY: **Roman Ed G Corp.**
ADDRESS: **14 Ogden St**
CITY: **Newark** STATE: **NJ** ZIP: **07104**
ATTENTION: **Sonny Puzzo**
PHONE: **973-803-6113** FAX:

PROJECT NAME: **Robbins Woodwicz pump station**
PROJECT NO.: **22-531** LOCATION: **Robbinsville**
PROJECT MANAGER: **Sonny Puzzo**
e-mail: **engineer@romaneg.com**
PHONE: **973-482-1123** FAX:

BILL TO: **Roman Ed G Corp.** PO#: **22-531**
ADDRESS: **14 Ogden St**
CITY: **Newark** STATE: **NJ** ZIP: **07104**
ATTENTION: **Sonny Puzzo** PHONE: **973-482-1123**

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

☐ 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 ☐ Other _____
☐ EDD FORMAT _____

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

STEVE
FELTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	Stock Pile Samples ↓	S		X	11/25													
2.		S																
3.		S																
4.		S																
5.		S																
6.		S																
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. Sonny Puzzo	DATE/TIME: 11/25	RECEIVED BY: 1.	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP 16.1 + 0 = 16.1 °C
RELINQUISHED BY SAMPLER: 2. Sonny Puzzo	DATE/TIME: 11/25	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3. Amir Shalchian	DATE/TIME: 11/25	RECEIVED BY: JT	Page ____ of
			CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other
			Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
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



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

12

12.3

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 CleanGroup NJ Cleanup Test New 8260D 10 Bus. Days									

Relinquished By :

Date / Time :

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room