

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	Level: LOW	% Solid:	83.4
Sample Wt/Vol:	30.08 g	Final Vol: 1000 uL	Test:	SVOCMS NJ CleanGroup Ne
Prep Method :	SW3541	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

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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

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