

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	Level:	LOW
		Final Vol:	5000 uL
		Test:	VOCGMS NJ CleanGroup I

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

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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