

Report of Analysis

Client: Spectra East Inc.
Project: Outfall 001 - Orangetown Dis Permit 2025
Client Sample ID: MANHOLE
Lab Sample ID: Q3551-01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3551
Matrix: Water
% Solid: 0
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-09-2	Methylene Chloride	0.86	U	1	0.86	5.00	ug/L	11/14/25 12:15	VN111425
156-60-5	trans-1,2-Dichloroethene	0.82	U	1	0.82	5.00	ug/L	11/14/25 12:15	VN111425
67-66-3	Chloroform	3.40	J	1	0.55	5.00	ug/L	11/14/25 12:15	VN111425
71-55-6	1,1,1-Trichloroethane	0.63	U	1	0.63	5.00	ug/L	11/14/25 12:15	VN111425
79-01-6	Trichloroethene	0.49	U	1	0.49	5.00	ug/L	11/14/25 12:15	VN111425
108-88-3	Toluene	0.46	U	1	0.46	5.00	ug/L	11/14/25 12:15	VN111425
127-18-4	Tetrachloroethene	0.84	U	1	0.84	5.00	ug/L	11/14/25 12:15	VN111425
100-41-4	Ethyl Benzene	0.56	U	1	0.56	5.00	ug/L	11/14/25 12:15	VN111425
1330-20-7	Total Xylenes	1.97	U	1	1.97	15.0	ug/L	11/14/25 12:15	VN111425
541-73-1	1,3-Dichlorobenzene	0.67	U	1	0.67	5.00	ug/L	11/14/25 12:15	VN111425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	28.4			91 - 110	95%	SPK: 30		
2037-26-5	Toluene-d8	29.4			91 - 112	98%	SPK: 30		
460-00-4	4-Bromofluorobenzene	26.0			63 - 112	87%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	53500							
540-36-3	1,4-Difluorobenzene	280000							
3114-55-4	Chlorobenzene-d5	245000							

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