

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12I
Lab Sample ID: Q3560-07
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/05/25
Date Received: 11/06/25
SDG No.: Q3560
Matrix: Water
% Solid: 0
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/06/25 18:16	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 18:16	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 18:16	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 18:16	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 18:16	VN110625
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/06/25 18:16	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 18:16	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 18:16	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 18:16	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 18:16	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 18:16	VN110625
156-59-2	cis-1,2-Dichloroethene	4.20		1	0.19	1.00	ug/L	11/06/25 18:16	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 18:16	VN110625
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/06/25 18:16	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 18:16	VN110625
71-43-2	Benzene	0.45	J	1	0.15	1.00	ug/L	11/06/25 18:16	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 18:16	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 18:16	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 18:16	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 18:16	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 18:16	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 18:16	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 18:16	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 18:16	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 18:16	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 18:16	VN110625
127-18-4	Tetrachloroethene	1.00		1	0.23	1.00	ug/L	11/06/25 18:16	VN110625
108-90-7	Chlorobenzene	14.0		1	0.12	1.00	ug/L	11/06/25 18:16	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 18:16	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 18:16	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 18:16	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 18:16	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 18:16	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 18:16	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 18:16	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 18:16	VN110625
106-46-7	1,4-Dichlorobenzene	5.20		1	0.19	1.00	ug/L	11/06/25 18:16	VN110625
95-50-1	1,2-Dichlorobenzene	2.90		1	0.16	1.00	ug/L	11/06/25 18:16	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 18:16	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 18:16	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 18:16	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	62.5			74 - 125	125%	SPK: 50		

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	11/05/25
Project:	Syosset Landfill 2025	Date Received:	11/06/25
Client Sample ID:	SY-12I	SDG No.:	Q3560
Lab Sample ID:	Q3560-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	VOCMS Group1
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
1868-53-7	Dibromofluoromethane	52.2			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	50.1			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.4			77 - 121	113%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	276000							
540-36-3	1,4-Difluorobenzene	629000							
3114-55-4	Chlorobenzene-d5	619000							
3855-82-1	1,4-Dichlorobenzene-d4	309000							

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