

LAB CHRONICLE

OrderID:	Q3560	OrderDate:	11/6/2025 10:13:00 AM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Syosset Landfill 2025
Contact:	John Gerlach	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3560-01	SY-10D	Water	VOCMS Group1	8260-Low	11/05/25		11/06/25	11/06/25
Q3560-03	SY-10S	Water	VOCMS Group1	8260-Low	11/05/25		11/06/25	11/06/25
Q3560-05	SY-10I	Water	VOCMS Group1	8260-Low	11/05/25		11/06/25	11/06/25
Q3560-07	SY-12I	Water	VOCMS Group1	8260-Low	11/05/25		11/06/25	11/06/25
Q3560-09	SY-12D	Water	VOCMS Group1	8260-Low	11/05/25		11/07/25	11/06/25

Hit Summary Sheet SW-846

SDG No.: Q3560
Client: Lockwood, Kessler & Bartlett, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SY-10D							
Q3560-01	SY-10D	Water	Acetone	2.70	J	1.50	5.00	ug/L
Q3560-01	SY-10D	Water	Chlorobenzene	1.80		0.12	1.00	ug/L
			Total Voc :	4.50				
			Total Concentration:	4.50				
Client ID:	SY-10S							
Q3560-03	SY-10S	Water	Acetone	2.70	J	1.50	5.00	ug/L
			Total Voc :	2.70				
			Total Concentration:	2.70				
Client ID:	SY-10I							
Q3560-05	SY-10I	Water	Acetone	3.00	J	1.50	5.00	ug/L
Q3560-05	SY-10I	Water	Chloroform	13.3		0.25	1.00	ug/L
Q3560-05	SY-10I	Water	Tetrachloroethene	0.46	J	0.23	1.00	ug/L
			Total Voc :	16.8				
			Total Concentration:	16.8				
Client ID:	SY-12I							
Q3560-07	SY-12I	Water	cis-1,2-Dichloroethene	4.20		0.19	1.00	ug/L
Q3560-07	SY-12I	Water	Benzene	0.45	J	0.15	1.00	ug/L
Q3560-07	SY-12I	Water	Tetrachloroethene	1.00		0.23	1.00	ug/L
Q3560-07	SY-12I	Water	Chlorobenzene	14.0		0.12	1.00	ug/L
Q3560-07	SY-12I	Water	1,4-Dichlorobenzene	5.20		0.19	1.00	ug/L
Q3560-07	SY-12I	Water	1,2-Dichlorobenzene	2.90		0.16	1.00	ug/L
			Total Voc :	27.8				
			Total Concentration:	27.8				
Client ID:	SY-12D							
Q3560-09	SY-12D	Water	Vinyl Chloride	1.20		0.26	1.00	ug/L
Q3560-09	SY-12D	Water	Acetone	3.50	J	1.50	5.00	ug/L
Q3560-09	SY-12D	Water	Carbon Disulfide	1.30		0.21	1.00	ug/L
Q3560-09	SY-12D	Water	cis-1,2-Dichloroethene	6.00		0.19	1.00	ug/L
Q3560-09	SY-12D	Water	Chloroform	0.54	J	0.25	1.00	ug/L
Q3560-09	SY-12D	Water	Benzene	0.22	J	0.15	1.00	ug/L
Q3560-09	SY-12D	Water	Tetrachloroethene	0.86	J	0.23	1.00	ug/L
Q3560-09	SY-12D	Water	Chlorobenzene	20.2		0.12	1.00	ug/L
Q3560-09	SY-12D	Water	1,4-Dichlorobenzene	6.80		0.19	1.00	ug/L
Q3560-09	SY-12D	Water	1,2-Dichlorobenzene	4.80		0.16	1.00	ug/L
			Total Voc :	45.4				
			Total Concentration:	45.4				



SAMPLE DATA

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10D
Lab Sample ID: Q3560-01
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 17:14	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 17:14	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 17:14	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:14	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:14	VN110625
67-64-1	Acetone	2.70	J	1	1.50	5.00	ug/L	11/06/25 17:14	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 17:14	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 17:14	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 17:14	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 17:14	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:14	VN110625
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:14	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:14	VN110625
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:14	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:14	VN110625
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:14	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:14	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:14	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:14	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:14	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 17:14	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 17:14	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:14	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 17:14	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 17:14	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:14	VN110625
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:14	VN110625
108-90-7	Chlorobenzene	1.80		1	0.12	1.00	ug/L	11/06/25 17:14	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:14	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 17:14	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 17:14	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:14	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:14	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:14	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 17:14	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 17:14	VN110625
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:14	VN110625
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:14	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 17:14	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:14	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 17:14	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	62.6			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-10D	SDG No.:	Q3560
Lab Sample ID:	Q3560-01	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	51.1			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	50.0			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.3			77 - 121	115%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	254000							
540-36-3	1,4-Difluorobenzene	588000							
3114-55-4	Chlorobenzene-d5	574000							
3855-82-1	1,4-Dichlorobenzene-d4	298000							

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10S
Lab Sample ID: Q3560-03
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 17:35	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 17:35	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 17:35	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:35	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:35	VN110625
67-64-1	Acetone	2.70	J	1	1.50	5.00	ug/L	11/06/25 17:35	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 17:35	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 17:35	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 17:35	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 17:35	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:35	VN110625
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:35	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:35	VN110625
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:35	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:35	VN110625
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:35	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:35	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:35	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:35	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:35	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 17:35	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 17:35	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:35	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 17:35	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 17:35	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:35	VN110625
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:35	VN110625
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:35	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:35	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 17:35	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 17:35	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:35	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:35	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:35	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 17:35	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 17:35	VN110625
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:35	VN110625
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:35	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 17:35	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:35	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 17:35	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.3			74 - 125	121%	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-10S	SDG No.:	Q3560
Lab Sample ID:	Q3560-03	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	50.8			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	49.9			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.3			77 - 121	107%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	224000							
540-36-3	1,4-Difluorobenzene	509000							
3114-55-4	Chlorobenzene-d5	489000							
3855-82-1	1,4-Dichlorobenzene-d4	234000							

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10I
Lab Sample ID: Q3560-05
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 17:56	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 17:56	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 17:56	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 17:56	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:56	VN110625
67-64-1	Acetone	3.00	J	1	1.50	5.00	ug/L	11/06/25 17:56	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 17:56	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 17:56	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 17:56	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 17:56	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:56	VN110625
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:56	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:56	VN110625
67-66-3	Chloroform	13.3		1	0.25	1.00	ug/L	11/06/25 17:56	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:56	VN110625
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:56	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 17:56	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 17:56	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 17:56	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:56	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 17:56	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 17:56	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:56	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 17:56	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 17:56	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:56	VN110625
127-18-4	Tetrachloroethene	0.46	J	1	0.23	1.00	ug/L	11/06/25 17:56	VN110625
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:56	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:56	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 17:56	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 17:56	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 17:56	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 17:56	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:56	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 17:56	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 17:56	VN110625
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/06/25 17:56	VN110625
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/06/25 17:56	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 17:56	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 17:56	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 17:56	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.2			74 - 125	120%	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-10I	SDG No.:	Q3560
Lab Sample ID:	Q3560-05	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	51.0			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	49.7			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.8			77 - 121	108%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	219000							
540-36-3	1,4-Difluorobenzene	503000							
3114-55-4	Chlorobenzene-d5	478000							
3855-82-1	1,4-Dichlorobenzene-d4	234000							

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

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12D
Lab Sample ID: Q3560-09
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	1.20		1	0.26	1.00	ug/L	11/07/25 14:12	VN110725
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/07/25 14:12	VN110725
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/07/25 14:12	VN110725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/07/25 14:12	VN110725
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/07/25 14:12	VN110725
67-64-1	Acetone	3.50	J	1	1.50	5.00	ug/L	11/07/25 14:12	VN110725
75-15-0	Carbon Disulfide	1.30		1	0.21	1.00	ug/L	11/07/25 14:12	VN110725
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/07/25 14:12	VN110725
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/07/25 14:12	VN110725
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/07/25 14:12	VN110725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/07/25 14:12	VN110725
156-59-2	cis-1,2-Dichloroethene	6.00		1	0.19	1.00	ug/L	11/07/25 14:12	VN110725
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/07/25 14:12	VN110725
67-66-3	Chloroform	0.54	J	1	0.25	1.00	ug/L	11/07/25 14:12	VN110725
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/07/25 14:12	VN110725
71-43-2	Benzene	0.22	J	1	0.15	1.00	ug/L	11/07/25 14:12	VN110725
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/07/25 14:12	VN110725
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/07/25 14:12	VN110725
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/07/25 14:12	VN110725
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/07/25 14:12	VN110725
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/07/25 14:12	VN110725
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/07/25 14:12	VN110725
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/07/25 14:12	VN110725
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/07/25 14:12	VN110725
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/07/25 14:12	VN110725
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/07/25 14:12	VN110725
127-18-4	Tetrachloroethene	0.86	J	1	0.23	1.00	ug/L	11/07/25 14:12	VN110725
108-90-7	Chlorobenzene	20.2		1	0.12	1.00	ug/L	11/07/25 14:12	VN110725
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/07/25 14:12	VN110725
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/07/25 14:12	VN110725
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/07/25 14:12	VN110725
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/07/25 14:12	VN110725
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/07/25 14:12	VN110725
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/07/25 14:12	VN110725
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/07/25 14:12	VN110725
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/07/25 14:12	VN110725
106-46-7	1,4-Dichlorobenzene	6.80		1	0.19	1.00	ug/L	11/07/25 14:12	VN110725
95-50-1	1,2-Dichlorobenzene	4.80		1	0.16	1.00	ug/L	11/07/25 14:12	VN110725
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/07/25 14:12	VN110725
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/07/25 14:12	VN110725
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/07/25 14:12	VN110725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.0			74 - 125	120%	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-12D	SDG No.:	Q3560
Lab Sample ID:	Q3560-09	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	52.1			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	49.0			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.4			77 - 121	111%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	211000							
540-36-3	1,4-Difluorobenzene	475000							
3114-55-4	Chlorobenzene-d5	456000							
3855-82-1	1,4-Dichlorobenzene-d4	218000							

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



QC SUMMARY

Surrogate Summary

SDG No.: **Q3560**

Client: **Lockwood, Kessler & Bartlett, Inc.**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3560-01	SY-10D	1,2-Dichloroethane-d4	50	62.6	125		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	57.3	115		77	121
Q3560-03	SY-10S	1,2-Dichloroethane-d4	50	60.3	121		74	125
		Dibromofluoromethane	50	50.8	102		75	124
		Toluene-d8	50	49.9	100		86	113
		4-Bromofluorobenzene	50	53.3	107		77	121
Q3560-05	SY-10I	1,2-Dichloroethane-d4	50	60.2	120		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	53.8	108		77	121
Q3560-07	SY-12I	1,2-Dichloroethane-d4	50	62.5	125		74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	56.4	113		77	121
Q3560-09	SY-12D	1,2-Dichloroethane-d4	50	60.0	120		74	125
		Dibromofluoromethane	50	52.1	104		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	55.4	111		77	121
VN1106WBL01	VN1106WBL01	1,2-Dichloroethane-d4	50	58.8	118		74	125
		Dibromofluoromethane	50	50.2	100		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	56.1	112		77	121
VN1106WBS01	VN1106WBS01	1,2-Dichloroethane-d4	50	50.8	102		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	50.5	101		77	121
VN1106WBSD0	VN1106WBSD01	1,2-Dichloroethane-d4	50	56.4	113		74	125
		Dibromofluoromethane	50	52.7	105		75	124
		Toluene-d8	50	49.8	100		86	113
		4-Bromofluorobenzene	50	51.7	103		77	121
VN1107WBL01	VN1107WBL01	1,2-Dichloroethane-d4	50	60.6	121		74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	53.7	107		77	121
VN1107WBS01	VN1107WBS01	1,2-Dichloroethane-d4	50	55.4	111		74	125
		Dibromofluoromethane	50	51.4	103		75	124
		Toluene-d8	50	47.9	96		86	113
		4-Bromofluorobenzene	50	49.3	99		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3560</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	Datafile :	<u>VN088201.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1106WBS01	Vinyl chloride	20	17.7	ug/L	89			65	117	
	Chloroethane	20	15.9	ug/L	79			56	128	
	Trichlorofluoromethane	20	17.2	ug/L	86			73	115	
	1,1-Dichloroethene	20	16.9	ug/L	85			74	110	
	Acrylonitrile	100	96.1	ug/L	96			73	113	
	Acetone	100	85.8	ug/L	86			60	125	
	Carbon disulfide	20	16.3	ug/L	81			64	112	
	Methylene Chloride	20	16.9	ug/L	85			72	114	
	Vinyl Acetate	100	97.2	ug/L	97			76	115	
	2-Butanone	100	94.8	ug/L	95			65	122	
	Carbon Tetrachloride	20	19.8	ug/L	99			77	113	
	cis-1,2-Dichloroethene	20	18.0	ug/L	90			77	110	
	Bromochloromethane	20	21.5	ug/L	108			70	124	
	Chloroform	20	18.9	ug/L	95			79	113	
	1,1,1-Trichloroethane	20	18.9	ug/L	95			80	108	
	Benzene	20	18.9	ug/L	95			82	109	
	1,2-Dichloropropane	20	19.2	ug/L	96			83	111	
	Dibromomethane	20	19.9	ug/L	100			82	110	
	Bromodichloromethane	20	20.1	ug/L	101			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	18.9	ug/L	95			82	110	
	t-1,3-Dichloropropene	20	20.3	ug/L	102			79	110	
	cis-1,3-Dichloropropene	20	19.9	ug/L	100			82	110	
	2-Hexanone	100	100	ug/L	100			73	117	
	Dibromochloromethane	20	19.7	ug/L	99			82	110	
	1,2-Dibromoethane	20	19.4	ug/L	97			81	110	
	Tetrachloroethene	20	18.7	ug/L	94			67	123	
	Chlorobenzene	20	19.4	ug/L	97			82	109	
	1,1,1,2-Tetrachloroethane	20	20.1	ug/L	101			84	111	
	Ethyl Benzene	20	19.5	ug/L	98			83	109	
	m/p-Xylenes	40	39.0	ug/L	98			82	110	
	o-Xylene	20	20.0	ug/L	100			83	109	
	Styrene	20	20.4	ug/L	102			80	111	
	Bromoform	20	20.6	ug/L	103			79	109	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/L	99			76	118	
	1,2,3-Trichloropropane	20	21.6	ug/L	108			75	112	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	19.6	ug/L	98			82	109	
	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101			68	112	
	Methyl iodide	20	18.1	ug/L	91			70	130	
	trans-1,4-Dichloro-2-butene	20	18.4	ug/L	92			79	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3560</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	Datafile :	<u>VN088218.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1106WBSD01	Vinyl chloride	20	17.9	ug/L	90	1		65	117	19
	Chloroethane	20	16.7	ug/L	84	6		56	128	20
	Trichlorofluoromethane	20	17.4	ug/L	87	1		73	115	16
	1,1-Dichloroethene	20	16.5	ug/L	83	2		74	110	20
	Acrylonitrile	100	110	ug/L	110	14		73	113	29
	Acetone	100	95.9	ug/L	96	11		60	125	20
	Carbon disulfide	20	17.0	ug/L	85	5		64	112	20
	Methylene Chloride	20	19.2	ug/L	96	12		72	114	20
	Vinyl Acetate	100	100	ug/L	100	3		76	115	26
	2-Butanone	100	110	ug/L	110	15		65	122	26
	Carbon Tetrachloride	20	19.2	ug/L	96	3		77	113	15
	cis-1,2-Dichloroethene	20	19.1	ug/L	96	6		77	110	20
	Bromochloromethane	20	21.1	ug/L	106	2		70	124	20
	Chloroform	20	20.0	ug/L	100	5		79	113	20
	1,1,1-Trichloroethane	20	19.4	ug/L	97	2		80	108	20
	Benzene	20	19.1	ug/L	96	1		82	109	15
	1,2-Dichloropropane	20	19.5	ug/L	98	2		83	111	16
	Dibromomethane	20	20.1	ug/L	101	1		82	110	20
	Bromodichloromethane	20	20.1	ug/L	101	0		83	110	16
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	25
	Toluene	20	18.9	ug/L	95	0		82	110	16
	t-1,3-Dichloropropene	20	19.6	ug/L	98	4		79	110	20
	cis-1,3-Dichloropropene	20	19.7	ug/L	99	1		82	110	16
	2-Hexanone	100	100	ug/L	100	0		73	117	25
	Dibromochloromethane	20	19.2	ug/L	96	3		82	110	20
	1,2-Dibromoethane	20	19.4	ug/L	97	0		81	110	20
	Tetrachloroethene	20	18.9	ug/L	95	1		67	123	15
	Chlorobenzene	20	19.3	ug/L	97	0		82	109	15
	1,1,1,2-Tetrachloroethane	20	20.0	ug/L	100	1		84	111	20
	Ethyl Benzene	20	19.0	ug/L	95	3		83	109	16
	m/p-Xylenes	40	37.9	ug/L	95	3		82	110	15
	o-Xylene	20	19.5	ug/L	98	2		83	109	20
	Styrene	20	19.8	ug/L	99	3		80	111	17
	Bromoform	20	19.9	ug/L	100	3		79	109	20
	1,1,2,2-Tetrachloroethane	20	21.1	ug/L	106	7		76	118	20
	1,2,3-Trichloropropane	20	18.5	ug/L	93	15		75	112	20
	1,4-Dichlorobenzene	20	18.7	ug/L	94	0		82	107	15
	1,2-Dichlorobenzene	20	19.6	ug/L	98	0		82	109	20
	1,2-Dibromo-3-Chloropropane	20	19.9	ug/L	100	1		68	112	20
	Methyl iodide	20	18.7	ug/L	94	3		70	130	20
	trans-1,4-Dichloro-2-butene	20	18.8	ug/L	94	2		79	102	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3560</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	Datafile :	<u>VN088225.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1107WBS01	Vinyl chloride	20	18.8	ug/L	94			65	117	
	Chloroethane	20	17.2	ug/L	86			56	128	
	Trichlorofluoromethane	20	16.9	ug/L	85			73	115	
	1,1-Dichloroethene	20	16.7	ug/L	84			74	110	
	Acrylonitrile	100	110	ug/L	110			73	113	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	17.6	ug/L	88			64	112	
	Methylene Chloride	20	20.6	ug/L	103			72	114	
	Vinyl Acetate	100	110	ug/L	110			76	115	
	2-Butanone	100	120	ug/L	120			65	122	
	Carbon Tetrachloride	20	19.1	ug/L	96			77	113	
	cis-1,2-Dichloroethene	20	20.8	ug/L	104			77	110	
	Bromochloromethane	20	21.5	ug/L	108			70	124	
	Chloroform	20	21.4	ug/L	107			79	113	
	1,1,1-Trichloroethane	20	19.9	ug/L	100			80	108	
	Benzene	20	20.3	ug/L	102			82	109	
	1,2-Dichloropropane	20	20.9	ug/L	104			83	111	
	Dibromomethane	20	20.6	ug/L	103			82	110	
	Bromodichloromethane	20	21.6	ug/L	108			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	19.5	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	20.6	ug/L	103			79	110	
	cis-1,3-Dichloropropene	20	21.3	ug/L	106			82	110	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	20.1	ug/L	101			82	110	
	1,2-Dibromoethane	20	20.3	ug/L	102			81	110	
	Tetrachloroethene	20	17.9	ug/L	90			67	123	
	Chlorobenzene	20	19.8	ug/L	99			82	109	
	1,1,1,2-Tetrachloroethane	20	20.4	ug/L	102			84	111	
	Ethyl Benzene	20	19.5	ug/L	98			83	109	
	m/p-Xylenes	40	38.1	ug/L	95			82	110	
	o-Xylene	20	20.2	ug/L	101			83	109	
	Styrene	20	20.4	ug/L	102			80	111	
	Bromoform	20	20.3	ug/L	102			79	109	
	1,1,2,2-Tetrachloroethane	20	20.7	ug/L	104			76	118	
	1,2,3-Trichloropropane	20	19.0	ug/L	95			75	112	
	1,4-Dichlorobenzene	20	19.3	ug/L	97			82	107	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			82	109	
	1,2-Dibromo-3-Chloropropane	20	19.9	ug/L	100			68	112	
	Methyl iodide	20	21.0	ug/L	105			70	130	
	trans-1,4-Dichloro-2-butene	20	17.3	ug/L	86			79	102	

VOLATILE METHOD BLANK SUMMARY

Client ID

VN1106WBL01

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3560

Lab File ID: VN088199.D

Lab Sample ID: VN1106WBL01

Date Analyzed: 11/06/2025

Time Analyzed: 12:09

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1106WBS01	VN1106WBS01	VN088201.D	11/06/2025
SY-10D	Q3560-01	VN088212.D	11/06/2025
SY-10S	Q3560-03	VN088213.D	11/06/2025
SY-10I	Q3560-05	VN088214.D	11/06/2025
SY-12I	Q3560-07	VN088215.D	11/06/2025
VN1106WBSD01	VN1106WBSD01	VN088218.D	11/06/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VN1107WBL01

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3560

Lab File ID: VN088224.D

Lab Sample ID: VN1107WBL01

Date Analyzed: 11/07/2025

Time Analyzed: 11:00

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1107WBS01	VN1107WBS01	VN088225.D	11/07/2025
SY-12D	Q3560-09	VN088231.D	11/07/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3560

Lab File ID: VN088077.D

BFB Injection Date: 10/23/2025

Instrument ID: MSVOA_N

BFB Injection Time: 09:09

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.7
75	30.0 - 60.0% of mass 95	56
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.4 (0.6) 1
174	50.0 - 100.0% of mass 95	64.7
175	5.0 - 9.0% of mass 174	5.8 (8.9) 1
176	95.0 - 101.0% of mass 174	62.6 (96.8) 1
177	5.0 - 9.0% of mass 176	4.5 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VN088078.D	10/23/2025	09:42
VSTDIC005	VSTDIC005	VN088079.D	10/23/2025	10:38
VSTDIC020	VSTDIC020	VN088080.D	10/23/2025	10:59
VSTDIC050	VSTDIC050	VN088081.D	10/23/2025	11:20
VSTDIC100	VSTDIC100	VN088082.D	10/23/2025	11:41
VSTDIC150	VSTDIC150	VN088083.D	10/23/2025	12:02

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3560

Lab File ID: VN088196.D

BFB Injection Date: 11/06/2025

Instrument ID: MSVOA_N

BFB Injection Time: 09:20

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 60.0% of mass 95	58.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1 (1.5) 1
174	50.0 - 100.0% of mass 95	67.9
175	5.0 - 9.0% of mass 174	5.3 (7.8) 1
176	95.0 - 101.0% of mass 174	64.9 (95.6) 1
177	5.0 - 9.0% of mass 176	3.9 (6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN088197.D	11/06/2025	11:00
VN1106WBL01	VN1106WBL01	VN088199.D	11/06/2025	12:09
VN1106WBS01	VN1106WBS01	VN088201.D	11/06/2025	12:53
SY-10D	Q3560-01	VN088212.D	11/06/2025	17:14
SY-10S	Q3560-03	VN088213.D	11/06/2025	17:35
SY-10I	Q3560-05	VN088214.D	11/06/2025	17:56
SY-12I	Q3560-07	VN088215.D	11/06/2025	18:16
VN1106WBSD01	VN1106WBSD01	VN088218.D	11/06/2025	19:18

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3560

Lab File ID: VN088221.D

BFB Injection Date: 11/07/2025

Instrument ID: MSVOA_N

BFB Injection Time: 09:12

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.7
75	30.0 - 60.0% of mass 95	57.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	69.7
175	5.0 - 9.0% of mass 174	5.3 (7.6) 1
176	95.0 - 101.0% of mass 174	66.3 (95.1) 1
177	5.0 - 9.0% of mass 176	4.2 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN088222.D	11/07/2025	09:49
VN1107WBL01	VN1107WBL01	VN088224.D	11/07/2025	11:00
VN1107WBS01	VN1107WBS01	VN088225.D	11/07/2025	11:47
SY-12D	Q3560-09	VN088231.D	11/07/2025	14:12

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01
 Lab Code: ACE SDG NO.: Q3560
 Lab File ID: VN088197.D Date Analyzed: 11/06/2025
 Instrument ID: MSVOA_N Time Analyzed: 11:00
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	361073	8.21	666324	9.08	581281	11.85
UPPER LIMIT	722146	8.706	1332650	9.582	1162560	12.347
LOWER LIMIT	180537	7.706	333162	8.582	290641	11.347
EPA SAMPLE NO.						
SY-10D	253683	8.21	587927	9.08	574358	11.84
SY-10S	223922	8.21	508531	9.08	488671	11.84
SY-10I	219388	8.21	502558	9.08	478183	11.84
SY-12I	275832	8.21	628960	9.08	619366	11.84
VN1106WBL01	338872	8.21	766389	9.08	734647	11.84
VN1106WBS01	371844	8.21	669973	9.08	573811	11.84
VN1106WBSD01	315748	8.21	600237	9.08	522703	11.84

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3560</u>
Lab File ID:	<u>VN088197.D</u>	Date Analyzed:	<u>11/06/2025</u>
Instrument ID:	<u>MSVOA_N</u>	Time Analyzed:	<u>11:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	283428	13.77				
UPPER LIMIT	566856	14.27				
LOWER LIMIT	141714	13.27				
EPA SAMPLE NO.						
SY-10D	297689	13.77				
SY-10S	234197	13.77				
SY-10I	233723	13.77				
SY-12I	309131	13.77				
VN1106WBL01	362059	13.77				
VN1106WBS01	278028	13.77				
VN1106WBSD01	246663	13.77				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01
Lab Code: ACE SDG NO.: Q3560
Lab File ID: VN088222.D Date Analyzed: 11/07/2025
Instrument ID: MSVOA_N Time Analyzed: 09:49
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	312291	8.21	595955	9.08	524310	11.84
UPPER LIMIT	624582	8.706	1191910	9.582	1048620	12.341
LOWER LIMIT	156146	7.706	297978	8.582	262155	11.341
EPA SAMPLE NO.						
SY-12D	211115	8.21	474557	9.08	456150	11.84
VN1107WBL01	218414	8.21	497944	9.08	470093	11.85
VN1107WBS01	316837	8.21	610543	9.08	528698	11.85

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3560</u>
Lab File ID:	<u>VN088222.D</u>	Date Analyzed:	<u>11/07/2025</u>
Instrument ID:	<u>MSVOA_N</u>	Time Analyzed:	<u>09:49</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	253740	13.77				
UPPER LIMIT	507480	14.27				
LOWER LIMIT	126870	13.27				
EPA SAMPLE NO.						
SY-12D	218223	13.77				
VN1107WBL01	225246	13.77				
VN1107WBS01	262907	13.77				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: VN1106WBL01
Lab Sample ID: VN1106WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
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 12:09	VN110625
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/06/25 12:09	VN110625
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/06/25 12:09	VN110625
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 12:09	VN110625
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/06/25 12:09	VN110625
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/06/25 12:09	VN110625
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/06/25 12:09	VN110625
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/06/25 12:09	VN110625
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/06/25 12:09	VN110625
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/06/25 12:09	VN110625
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/06/25 12:09	VN110625
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/06/25 12:09	VN110625
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 12:09	VN110625
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/06/25 12:09	VN110625
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/06/25 12:09	VN110625
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/06/25 12:09	VN110625
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/06/25 12:09	VN110625
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/06/25 12:09	VN110625
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/06/25 12:09	VN110625
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/06/25 12:09	VN110625
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/06/25 12:09	VN110625
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/06/25 12:09	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/06/25 12:09	VN110625
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/06/25 12:09	VN110625
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/06/25 12:09	VN110625
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/06/25 12:09	VN110625
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/06/25 12:09	VN110625
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/06/25 12:09	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/06/25 12:09	VN110625
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/06/25 12:09	VN110625
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/06/25 12:09	VN110625
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/06/25 12:09	VN110625
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/06/25 12:09	VN110625
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/06/25 12:09	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/06/25 12:09	VN110625
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/06/25 12:09	VN110625
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/06/25 12:09	VN110625
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/06/25 12:09	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/06/25 12:09	VN110625
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/06/25 12:09	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/06/25 12:09	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.8			74 - 125	118%	SPK: 50		

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1106WBL01	SDG No.:	Q3560
Lab Sample ID:	VN1106WBL01	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	50.2			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	49.7			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.1			77 - 121	112%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	339000							
540-36-3	1,4-Difluorobenzene	766000							
3114-55-4	Chlorobenzene-d5	735000							
3855-82-1	1,4-Dichlorobenzene-d4	362000							

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: VN1107WBL01
Lab Sample ID: VN1107WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
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	11/07/25 11:00	VN110725
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/07/25 11:00	VN110725
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/07/25 11:00	VN110725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/07/25 11:00	VN110725
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/07/25 11:00	VN110725
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/07/25 11:00	VN110725
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/07/25 11:00	VN110725
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/07/25 11:00	VN110725
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/07/25 11:00	VN110725
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/07/25 11:00	VN110725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/07/25 11:00	VN110725
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/07/25 11:00	VN110725
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/07/25 11:00	VN110725
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/07/25 11:00	VN110725
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/07/25 11:00	VN110725
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/07/25 11:00	VN110725
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/07/25 11:00	VN110725
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/07/25 11:00	VN110725
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/07/25 11:00	VN110725
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/07/25 11:00	VN110725
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/07/25 11:00	VN110725
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/07/25 11:00	VN110725
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/07/25 11:00	VN110725
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/07/25 11:00	VN110725
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/07/25 11:00	VN110725
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/07/25 11:00	VN110725
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/07/25 11:00	VN110725
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/07/25 11:00	VN110725
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/07/25 11:00	VN110725
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/07/25 11:00	VN110725
1330-20-7	Total Xylenes	0.36	U	1	0.36	3.00	ug/L	11/07/25 11:00	VN110725
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/07/25 11:00	VN110725
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/07/25 11:00	VN110725
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/07/25 11:00	VN110725
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/07/25 11:00	VN110725
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/07/25 11:00	VN110725
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/07/25 11:00	VN110725
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/07/25 11:00	VN110725
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/07/25 11:00	VN110725
74-88-4	Methyl Iodide	0.83	U	1	0.83	5.00	ug/L	11/07/25 11:00	VN110725
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	1	0.84	5.00	ug/L	11/07/25 11:00	VN110725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.6			74 - 125	121%	SPK: 50		

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1107WBL01	SDG No.:	Q3560
Lab Sample ID:	VN1107WBL01	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	49.6			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.7			77 - 121	107%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	218000							
540-36-3	1,4-Difluorobenzene	498000							
3114-55-4	Chlorobenzene-d5	470000							
3855-82-1	1,4-Dichlorobenzene-d4	225000							

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: VN1106WBS01
Lab Sample ID: VN1106WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
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	17.7		1	0.26	1.00	ug/L	11/06/25 12:53	VN110625
75-00-3	Chloroethane	15.9		1	0.47	1.00	ug/L	11/06/25 12:53	VN110625
75-69-4	Trichlorofluoromethane	17.2		1	0.33	1.00	ug/L	11/06/25 12:53	VN110625
75-35-4	1,1-Dichloroethene	16.9		1	0.23	1.00	ug/L	11/06/25 12:53	VN110625
107-13-1	Acrylonitrile	96.1		1	0.83	5.00	ug/L	11/06/25 12:53	VN110625
67-64-1	Acetone	85.8		1	1.50	5.00	ug/L	11/06/25 12:53	VN110625
75-15-0	Carbon Disulfide	16.3		1	0.21	1.00	ug/L	11/06/25 12:53	VN110625
75-09-2	Methylene Chloride	16.9		1	0.28	1.00	ug/L	11/06/25 12:53	VN110625
108-05-4	Vinyl Acetate	97.2		1	0.66	5.00	ug/L	11/06/25 12:53	VN110625
78-93-3	2-Butanone	94.8		1	0.98	5.00	ug/L	11/06/25 12:53	VN110625
56-23-5	Carbon Tetrachloride	19.8		1	0.25	1.00	ug/L	11/06/25 12:53	VN110625
156-59-2	cis-1,2-Dichloroethene	18.0		1	0.19	1.00	ug/L	11/06/25 12:53	VN110625
74-97-5	Bromochloromethane	21.5		1	0.22	1.00	ug/L	11/06/25 12:53	VN110625
67-66-3	Chloroform	18.9		1	0.25	1.00	ug/L	11/06/25 12:53	VN110625
71-55-6	1,1,1-Trichloroethane	18.9		1	0.20	1.00	ug/L	11/06/25 12:53	VN110625
71-43-2	Benzene	18.9		1	0.15	1.00	ug/L	11/06/25 12:53	VN110625
78-87-5	1,2-Dichloropropane	19.2		1	0.20	1.00	ug/L	11/06/25 12:53	VN110625
74-95-3	Dibromomethane	19.9		1	0.25	1.00	ug/L	11/06/25 12:53	VN110625
75-27-4	Bromodichloromethane	20.1		1	0.22	1.00	ug/L	11/06/25 12:53	VN110625
108-10-1	4-Methyl-2-Pentanone	100		1	0.68	5.00	ug/L	11/06/25 12:53	VN110625
108-88-3	Toluene	18.9		1	0.14	1.00	ug/L	11/06/25 12:53	VN110625
10061-02-6	t-1,3-Dichloropropene	20.3		1	0.17	1.00	ug/L	11/06/25 12:53	VN110625
10061-01-5	cis-1,3-Dichloropropene	19.9		1	0.16	1.00	ug/L	11/06/25 12:53	VN110625
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	11/06/25 12:53	VN110625
124-48-1	Dibromochloromethane	19.7		1	0.18	1.00	ug/L	11/06/25 12:53	VN110625
106-93-4	1,2-Dibromoethane	19.4		1	0.15	1.00	ug/L	11/06/25 12:53	VN110625
127-18-4	Tetrachloroethene	18.7		1	0.23	1.00	ug/L	11/06/25 12:53	VN110625
108-90-7	Chlorobenzene	19.4		1	0.12	1.00	ug/L	11/06/25 12:53	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	20.1		1	0.19	1.00	ug/L	11/06/25 12:53	VN110625
100-41-4	Ethyl Benzene	19.5		1	0.13	1.00	ug/L	11/06/25 12:53	VN110625
1330-20-7	Total Xylenes	59.0		1	0.36	3.00	ug/L	11/06/25 12:53	VN110625
95-47-6	o-Xylene	20.0		1	0.12	1.00	ug/L	11/06/25 12:53	VN110625
100-42-5	Styrene	20.4		1	0.15	1.00	ug/L	11/06/25 12:53	VN110625
75-25-2	Bromoform	20.6		1	0.19	1.00	ug/L	11/06/25 12:53	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1	0.26	1.00	ug/L	11/06/25 12:53	VN110625
96-18-4	1,2,3-Trichloropropane	21.6		1	0.35	1.00	ug/L	11/06/25 12:53	VN110625
106-46-7	1,4-Dichlorobenzene	18.7		1	0.19	1.00	ug/L	11/06/25 12:53	VN110625
95-50-1	1,2-Dichlorobenzene	19.6		1	0.16	1.00	ug/L	11/06/25 12:53	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1	0.53	1.00	ug/L	11/06/25 12:53	VN110625
74-88-4	Methyl Iodide	18.1		1	0.83	5.00	ug/L	11/06/25 12:53	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	18.4		1	0.84	5.00	ug/L	11/06/25 12:53	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.8			74 - 125	102%	SPK: 50		

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1106WBS01	SDG No.:	Q3560
Lab Sample ID:	VN1106WBS01	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	50.5			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	48.9			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.5			77 - 121	101%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	372000							
540-36-3	1,4-Difluorobenzene	670000							
3114-55-4	Chlorobenzene-d5	574000							
3855-82-1	1,4-Dichlorobenzene-d4	278000							

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: VN1107WBS01
Lab Sample ID: VN1107WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
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	18.8		1	0.26	1.00	ug/L	11/07/25 11:47	VN110725
75-00-3	Chloroethane	17.2		1	0.47	1.00	ug/L	11/07/25 11:47	VN110725
75-69-4	Trichlorofluoromethane	16.9		1	0.33	1.00	ug/L	11/07/25 11:47	VN110725
75-35-4	1,1-Dichloroethene	16.7		1	0.23	1.00	ug/L	11/07/25 11:47	VN110725
107-13-1	Acrylonitrile	110		1	0.83	5.00	ug/L	11/07/25 11:47	VN110725
67-64-1	Acetone	110		1	1.50	5.00	ug/L	11/07/25 11:47	VN110725
75-15-0	Carbon Disulfide	17.6		1	0.21	1.00	ug/L	11/07/25 11:47	VN110725
75-09-2	Methylene Chloride	20.6		1	0.28	1.00	ug/L	11/07/25 11:47	VN110725
108-05-4	Vinyl Acetate	110		1	0.66	5.00	ug/L	11/07/25 11:47	VN110725
78-93-3	2-Butanone	120		1	0.98	5.00	ug/L	11/07/25 11:47	VN110725
56-23-5	Carbon Tetrachloride	19.1		1	0.25	1.00	ug/L	11/07/25 11:47	VN110725
156-59-2	cis-1,2-Dichloroethene	20.8		1	0.19	1.00	ug/L	11/07/25 11:47	VN110725
74-97-5	Bromochloromethane	21.5		1	0.22	1.00	ug/L	11/07/25 11:47	VN110725
67-66-3	Chloroform	21.4		1	0.25	1.00	ug/L	11/07/25 11:47	VN110725
71-55-6	1,1,1-Trichloroethane	19.9		1	0.20	1.00	ug/L	11/07/25 11:47	VN110725
71-43-2	Benzene	20.3		1	0.15	1.00	ug/L	11/07/25 11:47	VN110725
78-87-5	1,2-Dichloropropane	20.9		1	0.20	1.00	ug/L	11/07/25 11:47	VN110725
74-95-3	Dibromomethane	20.6		1	0.25	1.00	ug/L	11/07/25 11:47	VN110725
75-27-4	Bromodichloromethane	21.6		1	0.22	1.00	ug/L	11/07/25 11:47	VN110725
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/07/25 11:47	VN110725
108-88-3	Toluene	19.5		1	0.14	1.00	ug/L	11/07/25 11:47	VN110725
10061-02-6	t-1,3-Dichloropropene	20.6		1	0.17	1.00	ug/L	11/07/25 11:47	VN110725
10061-01-5	cis-1,3-Dichloropropene	21.3		1	0.16	1.00	ug/L	11/07/25 11:47	VN110725
591-78-6	2-Hexanone	110		1	0.89	5.00	ug/L	11/07/25 11:47	VN110725
124-48-1	Dibromochloromethane	20.1		1	0.18	1.00	ug/L	11/07/25 11:47	VN110725
106-93-4	1,2-Dibromoethane	20.3		1	0.15	1.00	ug/L	11/07/25 11:47	VN110725
127-18-4	Tetrachloroethene	17.9		1	0.23	1.00	ug/L	11/07/25 11:47	VN110725
108-90-7	Chlorobenzene	19.8		1	0.12	1.00	ug/L	11/07/25 11:47	VN110725
630-20-6	1,1,1,2-Tetrachloroethane	20.4		1	0.19	1.00	ug/L	11/07/25 11:47	VN110725
100-41-4	Ethyl Benzene	19.5		1	0.13	1.00	ug/L	11/07/25 11:47	VN110725
1330-20-7	Total Xylenes	58.3		1	0.36	3.00	ug/L	11/07/25 11:47	VN110725
95-47-6	o-Xylene	20.2		1	0.12	1.00	ug/L	11/07/25 11:47	VN110725
100-42-5	Styrene	20.4		1	0.15	1.00	ug/L	11/07/25 11:47	VN110725
75-25-2	Bromoform	20.3		1	0.19	1.00	ug/L	11/07/25 11:47	VN110725
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1	0.26	1.00	ug/L	11/07/25 11:47	VN110725
96-18-4	1,2,3-Trichloropropane	19.0		1	0.35	1.00	ug/L	11/07/25 11:47	VN110725
106-46-7	1,4-Dichlorobenzene	19.3		1	0.19	1.00	ug/L	11/07/25 11:47	VN110725
95-50-1	1,2-Dichlorobenzene	19.7		1	0.16	1.00	ug/L	11/07/25 11:47	VN110725
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1	0.53	1.00	ug/L	11/07/25 11:47	VN110725
74-88-4	Methyl Iodide	21.0		1	0.83	5.00	ug/L	11/07/25 11:47	VN110725
110-57-6	trans-1,4-Dichloro-2-butene	17.3		1	0.84	5.00	ug/L	11/07/25 11:47	VN110725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.4			74 - 125	111%	SPK: 50		

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1107WBS01	SDG No.:	Q3560
Lab Sample ID:	VN1107WBS01	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	51.3			75 - 124	103%	SPK: 50		
2037-26-5	Toluene-d8	47.8			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.3			77 - 121	99%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	317000							
540-36-3	1,4-Difluorobenzene	611000							
3114-55-4	Chlorobenzene-d5	529000							
3855-82-1	1,4-Dichlorobenzene-d4	263000							

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: VN1106WBSD01
Lab Sample ID: VN1106WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
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	17.9		1	0.26	1.00	ug/L	11/06/25 19:18	VN110625
75-00-3	Chloroethane	16.7		1	0.47	1.00	ug/L	11/06/25 19:18	VN110625
75-69-4	Trichlorofluoromethane	17.4		1	0.33	1.00	ug/L	11/06/25 19:18	VN110625
75-35-4	1,1-Dichloroethene	16.5		1	0.23	1.00	ug/L	11/06/25 19:18	VN110625
107-13-1	Acrylonitrile	110		1	0.83	5.00	ug/L	11/06/25 19:18	VN110625
67-64-1	Acetone	95.9		1	1.50	5.00	ug/L	11/06/25 19:18	VN110625
75-15-0	Carbon Disulfide	17.0		1	0.21	1.00	ug/L	11/06/25 19:18	VN110625
75-09-2	Methylene Chloride	19.2		1	0.28	1.00	ug/L	11/06/25 19:18	VN110625
108-05-4	Vinyl Acetate	100		1	0.66	5.00	ug/L	11/06/25 19:18	VN110625
78-93-3	2-Butanone	110		1	0.98	5.00	ug/L	11/06/25 19:18	VN110625
56-23-5	Carbon Tetrachloride	19.2		1	0.25	1.00	ug/L	11/06/25 19:18	VN110625
156-59-2	cis-1,2-Dichloroethene	19.1		1	0.19	1.00	ug/L	11/06/25 19:18	VN110625
74-97-5	Bromochloromethane	21.1		1	0.22	1.00	ug/L	11/06/25 19:18	VN110625
67-66-3	Chloroform	20.0		1	0.25	1.00	ug/L	11/06/25 19:18	VN110625
71-55-6	1,1,1-Trichloroethane	19.4		1	0.20	1.00	ug/L	11/06/25 19:18	VN110625
71-43-2	Benzene	19.1		1	0.15	1.00	ug/L	11/06/25 19:18	VN110625
78-87-5	1,2-Dichloropropane	19.5		1	0.20	1.00	ug/L	11/06/25 19:18	VN110625
74-95-3	Dibromomethane	20.1		1	0.25	1.00	ug/L	11/06/25 19:18	VN110625
75-27-4	Bromodichloromethane	20.1		1	0.22	1.00	ug/L	11/06/25 19:18	VN110625
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/06/25 19:18	VN110625
108-88-3	Toluene	18.9		1	0.14	1.00	ug/L	11/06/25 19:18	VN110625
10061-02-6	t-1,3-Dichloropropene	19.6		1	0.17	1.00	ug/L	11/06/25 19:18	VN110625
10061-01-5	cis-1,3-Dichloropropene	19.7		1	0.16	1.00	ug/L	11/06/25 19:18	VN110625
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	11/06/25 19:18	VN110625
124-48-1	Dibromochloromethane	19.2		1	0.18	1.00	ug/L	11/06/25 19:18	VN110625
106-93-4	1,2-Dibromoethane	19.4		1	0.15	1.00	ug/L	11/06/25 19:18	VN110625
127-18-4	Tetrachloroethene	18.9		1	0.23	1.00	ug/L	11/06/25 19:18	VN110625
108-90-7	Chlorobenzene	19.3		1	0.12	1.00	ug/L	11/06/25 19:18	VN110625
630-20-6	1,1,1,2-Tetrachloroethane	20.0		1	0.19	1.00	ug/L	11/06/25 19:18	VN110625
100-41-4	Ethyl Benzene	19.0		1	0.13	1.00	ug/L	11/06/25 19:18	VN110625
1330-20-7	Total Xylenes	57.4		1	0.36	3.00	ug/L	11/06/25 19:18	VN110625
95-47-6	o-Xylene	19.5		1	0.12	1.00	ug/L	11/06/25 19:18	VN110625
100-42-5	Styrene	19.8		1	0.15	1.00	ug/L	11/06/25 19:18	VN110625
75-25-2	Bromoform	19.9		1	0.19	1.00	ug/L	11/06/25 19:18	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1	0.26	1.00	ug/L	11/06/25 19:18	VN110625
96-18-4	1,2,3-Trichloropropane	18.5		1	0.35	1.00	ug/L	11/06/25 19:18	VN110625
106-46-7	1,4-Dichlorobenzene	18.7		1	0.19	1.00	ug/L	11/06/25 19:18	VN110625
95-50-1	1,2-Dichlorobenzene	19.6		1	0.16	1.00	ug/L	11/06/25 19:18	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1	0.53	1.00	ug/L	11/06/25 19:18	VN110625
74-88-4	Methyl Iodide	18.7		1	0.83	5.00	ug/L	11/06/25 19:18	VN110625
110-57-6	trans-1,4-Dichloro-2-butene	18.8		1	0.84	5.00	ug/L	11/06/25 19:18	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.4			74 - 125	113%	SPK: 50		

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VN1106WBSD01	SDG No.:	Q3560
Lab Sample ID:	VN1106WBSD01	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	52.7			75 - 124	105%	SPK: 50		
2037-26-5	Toluene-d8	49.8			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.7			77 - 121	103%	SPK: 50		
INTERNAL STANDARDS		Area Count							
363-72-4	Pentafluorobenzene	316000							
540-36-3	1,4-Difluorobenzene	600000							
3114-55-4	Chlorobenzene-d5	523000							
3855-82-1	1,4-Dichlorobenzene-d4	247000							

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



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG No.: Q3560

Instrument ID: MSVOA_N

Calibration Date(s): 10/23/2025 10/23/2025

Heated Purge: (Y/N) N

Calibration Time(s): 09:42 12:02

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:	RRF001 = VN088078.D		RRF005 = VN088079.D		RRF020 = VN088080.D		RRF050 = VN088081.D		RRF100 = VN088082.D		RRF150 = VN088083.D	
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD				
Vinyl Chloride	0.801	0.784	0.787	0.581	0.639	0.746	0.723	12.6				
Chloroethane	0.598	0.601	0.558	0.413	0.447	0.509	0.521	15.2				
Trichlorofluoromethane	1.199	1.317	1.246	0.955	1.031	1.171	1.153	11.8				
1,1-Dichloroethene	0.806	0.686	0.631	0.462	0.547	0.637	0.628	18.7				
Acrylonitrile	0.398	0.423	0.452	0.324	0.426	0.413	0.406	10.8				
Acetone	0.563	0.441	0.440	0.319	0.411	0.431	0.434	17.9				
Carbon Disulfide	2.143	2.041	1.984	1.483	1.917	1.895	1.910	11.9				
Methylene Chloride	0.894	0.774	0.775	0.540	0.708	0.684	0.729	16.2				
Vinyl Acetate	1.958	2.237	2.387	1.737	1.958	2.244	2.087	11.6				
2-Butanone	0.615	0.616	0.639	0.465	0.516	0.584	0.572	11.8				
Carbon Tetrachloride	0.544	0.525	0.538	0.417	0.470	0.546	0.507	10.3				
cis-1,2-Dichloroethene	0.884	0.892	0.868	0.626	0.694	0.800	0.794	13.9				
Bromochloromethane	0.608	0.669	0.549	0.589	0.596	0.627	0.606	6.6				
Chloroform	1.334	1.433	1.405	1.040	1.162	1.318	1.282	11.8				
1,1,1-Trichloroethane	1.293	1.230	1.241	0.912	1.014	1.160	1.142	13				
Benzene	1.621	1.577	1.609	1.216	1.372	1.566	1.494	10.9				
1,2-Dichloropropane	0.420	0.408	0.397	0.306	0.340	0.391	0.377	11.7				
Dibromomethane	0.275	0.298	0.295	0.218	0.246	0.281	0.269	11.5				
Bromodichloromethane	0.561	0.570	0.589	0.439	0.499	0.573	0.538	10.8				
4-Methyl-2-Pentanone	0.548	0.600	0.647	0.485	0.552	0.620	0.575	10.2				
Toluene	0.971	0.958	0.991	0.755	0.862	0.989	0.921	10.2				
t-1,3-Dichloropropene	0.554	0.576	0.618	0.479	0.559	0.652	0.573	10.4				
cis-1,3-Dichloropropene	0.615	0.622	0.652	0.501	0.587	0.671	0.608	9.9				
2-Hexanone	0.369	0.332	0.418	0.333	0.392	0.447	0.382	12.1				
Dibromochloromethane	0.418	0.392	0.433	0.327	0.377	0.436	0.397	10.4				
1,2-Dibromoethane	0.403	0.356	0.384	0.289	0.339	0.388	0.360	11.6				
Tetrachloroethene	0.400	0.344	0.335	0.258	0.298	0.344	0.330	14.6				
Chlorobenzene	1.197	1.208	1.205	0.941	1.053	1.208	1.135	9.9				
1,1,1,2-Tetrachloroethane	0.396	0.385	0.395	0.310	0.348	0.397	0.372	9.6				
Ethyl Benzene	2.069	2.066	2.123	1.649	1.873	2.177	1.993	9.9				

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>LOCK01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3560</u>
Instrument ID: <u>MSVOA_N</u>	Calibration Date(s): <u>10/23/2025</u> <u>10/23/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:42</u> <u>12:02</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:		RRF001 = VN088078.D	RRF005 = VN088079.D	RRF020 = VN088080.D				
		RRF050 = VN088081.D	RRF100 = VN088082.D	RRF150 = VN088083.D				
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
m/p-Xylenes	0.733	0.774	0.804	0.635	0.708	0.827	0.747	9.4
o-Xylene	0.670	0.742	0.764	0.604	0.684	0.784	0.708	9.6
Styrene	0.946	1.204	1.276	1.011	1.165	1.325	1.154	12.9
Bromoform	0.268	0.274	0.294	0.233	0.276	0.320	0.278	10.4
1,1,2,2-Tetrachloroethane	1.304	1.258	1.336	0.957	1.080	1.270	1.201	12.4
1,2,3-Trichloropropane	1.334	1.351	1.062	0.930	1.014	1.169	1.143	15.1
1,4-Dichlorobenzene	2.065	1.953	1.863	1.399	1.582	1.836	1.783	13.9
1,2-Dichlorobenzene	1.768	1.652	1.678	1.291	1.469	1.744	1.600	11.5
1,2-Dibromo-3-Chloropropane	0.325	0.289	0.301	0.214	0.243	0.305	0.279	15.1
1,2-Dichloroethane-d4		0.914	0.915	0.799	0.822	0.872	0.865	6.1
Dibromofluoromethane		0.343	0.344	0.315	0.327	0.350	0.336	4.3
Toluene-d8		1.283	1.298	1.224	1.283	1.384	1.294	4.4
4-Bromofluorobenzene		0.435	0.457	0.439	0.466	0.488	0.457	4.8
Methyl Iodide		0.430	0.550	0.456	0.674	0.609	0.544	18.8
trans-1,4-Dichloro-2-butene		0.422	0.399	0.317	0.403	0.508	0.410	16.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3560</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>11/06/2025</u> <u>11:00</u>
Lab File ID:	<u>VN088197.D</u>	Init. Calib. Date(s):	<u>10/23/2025</u> <u>10/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:42</u> <u>12:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.723	0.645		-10.79	20
Chloroethane	0.521	0.419		-19.58	20
Trichlorofluoromethane	1.153	0.986		-14.48	20
1,1-Dichloroethene	0.628	0.520		-17.2	20
Acrylonitrile	0.406	0.401		-1.23	20
Acetone	0.434	0.399		-8.06	20
Carbon Disulfide	1.910	1.582		-17.17	20
Methylene Chloride	0.729	0.671		-7.96	20
Vinyl Acetate	2.087	2.154		3.21	20
2-Butanone	0.572	0.561		-1.92	20
Carbon Tetrachloride	0.507	0.502		-0.99	20
cis-1,2-Dichloroethene	0.794	0.742		-6.55	20
Bromochloromethane	0.606	0.675		11.39	20
Chloroform	1.282	1.278		-0.31	20
1,1,1-Trichloroethane	1.142	1.106		-3.15	20
Benzene	1.494	1.426		-4.55	20
1,2-Dichloropropane	0.377	0.374		-0.8	20
Dibromomethane	0.269	0.275		2.23	20
Bromodichloromethane	0.538	0.567		5.39	20
4-Methyl-2-Pentanone	0.575	0.605		5.22	20
Toluene	0.921	0.887		-3.69	20
t-1,3-Dichloropropene	0.573	0.626		9.25	20
cis-1,3-Dichloropropene	0.608	0.630		3.62	20
2-Hexanone	0.382	0.415		8.64	20
Dibromochloromethane	0.397	0.411		3.53	20
1,2-Dibromoethane	0.360	0.361		0.28	20
Tetrachloroethene	0.330	0.308		-6.67	20
Chlorobenzene	1.135	1.107	0.3	-2.47	20
1,1,1,2-Tetrachloroethane	0.372	0.389		4.57	20
Ethyl Benzene	1.993	1.968		-1.25	20
m/p-Xylenes	0.747	0.735		-1.61	20
o-Xylene	0.708	0.713		0.71	20
Styrene	1.154	1.219		5.63	20
Bromoform	0.278	0.305	0.1	9.71	20
1,1,2,2-Tetrachloroethane	1.201	1.232	0.3	2.58	20
1,2,3-Trichloropropane	1.143	1.225		7.17	20
1,4-Dichlorobenzene	1.783	1.710		-4.09	20
1,2-Dichlorobenzene	1.600	1.563		-2.31	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3560</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>11/06/2025 11:00</u>
Lab File ID:	<u>VN088197.D</u>	Init. Calib. Date(s):	<u>10/23/2025 10/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:42 12:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.279	0.290		3.94	20
1,2-Dichloroethane-d4	0.865	0.909		5.09	20
Dibromofluoromethane	0.336	0.334		-0.6	20
Toluene-d8	1.294	1.260		-2.63	20
4-Bromofluorobenzene	0.457	0.471		3.06	20
Methyl Iodide	0.544	0.566		4.04	20
trans-1,4-Dichloro-2-butene	0.410	0.437		6.59	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3560</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>11/07/2025 09:49</u>
Lab File ID:	<u>VN088222.D</u>	Init. Calib. Date(s):	<u>10/23/2025 10/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:42 12:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.723	0.677		-6.36	20
Chloroethane	0.521	0.461		-11.52	20
Trichlorofluoromethane	1.153	0.986		-14.48	20
1,1-Dichloroethene	0.628	0.542		-13.69	20
Acrylonitrile	0.406	0.478		17.73	20
Acetone	0.434	0.468		7.83	20
Carbon Disulfide	1.910	1.704		-10.78	20
Methylene Chloride	0.729	0.740		1.51	20
Vinyl Acetate	2.087	2.355		12.84	20
2-Butanone	0.572	0.668		16.78	20
Carbon Tetrachloride	0.507	0.488		-3.75	20
cis-1,2-Dichloroethene	0.794	0.817		2.9	20
Bromochloromethane	0.606	0.719		18.65	20
Chloroform	1.282	1.382		7.8	20
1,1,1-Trichloroethane	1.142	1.129		-1.14	20
Benzene	1.494	1.503		0.6	20
1,2-Dichloropropane	0.377	0.399		5.84	20
Dibromomethane	0.269	0.284		5.58	20
Bromodichloromethane	0.538	0.589		9.48	20
4-Methyl-2-Pentanone	0.575	0.666		15.83	20
Toluene	0.921	0.907		-1.52	20
t-1,3-Dichloropropene	0.573	0.628		9.6	20
cis-1,3-Dichloropropene	0.608	0.653		7.4	20
2-Hexanone	0.382	0.461		20.68	20
Dibromochloromethane	0.397	0.420		5.79	20
1,2-Dibromoethane	0.360	0.378		5	20
Tetrachloroethene	0.330	0.303		-8.18	20
Chlorobenzene	1.135	1.142	0.3	0.62	20
1,1,1,2-Tetrachloroethane	0.372	0.385		3.49	20
Ethyl Benzene	1.993	1.968		-1.25	20
m/p-Xylenes	0.747	0.732		-2.01	20
o-Xylene	0.708	0.712		0.56	20
Styrene	1.154	1.231		6.67	20
Bromoform	0.278	0.307	0.1	10.43	20
1,1,2,2-Tetrachloroethane	1.201	1.292	0.3	7.58	20
1,2,3-Trichloropropane	1.143	1.113		-2.63	20
1,4-Dichlorobenzene	1.783	1.684		-5.55	20
1,2-Dichlorobenzene	1.600	1.592		-0.5	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3560</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>11/07/2025 09:49</u>
Lab File ID:	<u>VN088222.D</u>	Init. Calib. Date(s):	<u>10/23/2025 10/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:42 12:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.279	0.308		10.39	20
1,2-Dichloroethane-d4	0.865	0.970		12.14	20
Dibromofluoromethane	0.336	0.348		3.57	20
Toluene-d8	1.294	1.257		-2.86	20
4-Bromofluorobenzene	0.457	0.470		2.85	20
Methyl Iodide	0.544	0.609		11.95	20
trans-1,4-Dichloro-2-butene	0.410	0.434		5.85	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

LAB CHRONICLE

OrderID:	Q3560	OrderDate:	11/6/2025 10:13:00 AM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Syosset Landfill 2025
Contact:	John Gerlach	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3560-01	SY-10D	Water	Metals Group4	6010D	11/05/25	11/07/25	11/10/25	11/06/25
Q3560-02	SY-10D	Water	Dissolved Metals Group5	6010D	11/05/25	11/07/25	11/10/25	11/06/25
Q3560-03	SY-10S	Water	Metals Group4	6010D	11/05/25	11/07/25	11/10/25	11/06/25
Q3560-04	SY-10S	Water	Dissolved Metals Group5	6010D	11/05/25	11/07/25	11/10/25	11/06/25
Q3560-05	SY-10I	Water	Metals Group4	6010D	11/05/25	11/07/25	11/10/25	11/06/25
Q3560-06	SY-10I	Water	Dissolved Metals Group5	6010D	11/05/25	11/07/25	11/10/25	11/06/25
Q3560-07	SY-12I	Water	Metals Group4	6010D	11/05/25	11/07/25	11/10/25	11/06/25
Q3560-08	SY-12I	Water	Dissolved Metals Group5	6010D	11/05/25	11/07/25	11/10/25	11/06/25
Q3560-09	SY-12D	Water	Metals Group4	6010D	11/05/25	11/07/25	11/10/25	11/06/25
Q3560-10	SY-12D	Water	Dissolved Metals Group5	6010D	11/05/25	11/07/25	11/10/25	11/06/25

Hit Summary Sheet SW-846

SDG No.: Q3560 **Order ID:** Q3560
Client: Lockwood, Kessler & Bartlett, Inc. **Project ID:** Syosset Landfill 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SY-10D								
Q3560-01	SY-10D	Water	Barium	56.3		7.28	50.0	ug/L
Q3560-01	SY-10D	Water	Chromium	1.38	J	1.06	5.00	ug/L
Q3560-01	SY-10D	Water	Cobalt	41.1		1.13	15.0	ug/L
Q3560-01	SY-10D	Water	Nickel	3.76	J	1.53	20.0	ug/L
Q3560-01	SY-10D	Water	Potassium	18000		459	1000	ug/L
Q3560-01	SY-10D	Water	Sodium	291000		434	1000	ug/L
Client ID : SY-10D								
Q3560-02	SY-10D	Water	Iron	215		11.7	50.0	ug/L
Q3560-02	SY-10D	Water	Manganese	1550		2.97	10.0	ug/L
Client ID : SY-10S								
Q3560-03	SY-10S	Water	Barium	14.7	J	7.28	50.0	ug/L
Q3560-03	SY-10S	Water	Chromium	1.88	J	1.06	5.00	ug/L
Q3560-03	SY-10S	Water	Nickel	2.53	J	1.53	20.0	ug/L
Q3560-03	SY-10S	Water	Potassium	1270		459	1000	ug/L
Q3560-03	SY-10S	Water	Sodium	7590		434	1000	ug/L
Client ID : SY-10S								
Q3560-04	SY-10S	Water	Iron	20.8	J	11.7	50.0	ug/L
Q3560-04	SY-10S	Water	Manganese	3.26	J	2.97	10.0	ug/L
Client ID : SY-10I								
Q3560-05	SY-10I	Water	Barium	27.9	J	7.28	50.0	ug/L
Q3560-05	SY-10I	Water	Chromium	4.17	J	1.06	5.00	ug/L
Q3560-05	SY-10I	Water	Cobalt	1.62	J	1.13	15.0	ug/L
Q3560-05	SY-10I	Water	Nickel	3.31	J	1.53	20.0	ug/L
Q3560-05	SY-10I	Water	Potassium	625	J	459	1000	ug/L
Q3560-05	SY-10I	Water	Sodium	51700		434	1000	ug/L
Q3560-05	SY-10I	Water	Vanadium	4.38	J	3.13	20.0	ug/L
Client ID : SY-10I								
Q3560-06	SY-10I	Water	Iron	23.9	J	11.7	50.0	ug/L
Q3560-06	SY-10I	Water	Manganese	11.9		2.97	10.0	ug/L
Client ID : SY-12I								
Q3560-07	SY-12I	Water	Barium	44.9	J	7.28	50.0	ug/L
Q3560-07	SY-12I	Water	Chromium	2.45	J	1.06	5.00	ug/L
Q3560-07	SY-12I	Water	Cobalt	1.41	J	1.13	15.0	ug/L

Hit Summary Sheet
SW-846

SDG No.:	Q3560	Order ID:	Q3560
Client:	Lockwood, Kessler & Bartlett, Inc.	Project ID:	Syosset Landfill 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3560-07	SY-12I	Water	Lead	1.47	J	1.15	6.00	ug/L
Q3560-07	SY-12I	Water	Nickel	8.30	J	1.53	20.0	ug/L
Q3560-07	SY-12I	Water	Potassium	55300		459	1000	ug/L
Q3560-07	SY-12I	Water	Sodium	124000		434	1000	ug/L
Q3560-07	SY-12I	Water	Vanadium	3.97	J	3.13	20.0	ug/L
Q3560-07	SY-12I	Water	Zinc	47.1		8.33	20.0	ug/L
Client ID : SY-12I								
Q3560-08	SY-12I	Water	Iron	147		11.7	50.0	ug/L
Q3560-08	SY-12I	Water	Manganese	59.5		2.97	10.0	ug/L
Client ID : SY-12D								
Q3560-09	SY-12D	Water	Barium	45.6	J	7.28	50.0	ug/L
Q3560-09	SY-12D	Water	Cobalt	1.51	J	1.13	15.0	ug/L
Q3560-09	SY-12D	Water	Nickel	2.67	J	1.53	20.0	ug/L
Q3560-09	SY-12D	Water	Potassium	2660		459	1000	ug/L
Q3560-09	SY-12D	Water	Selenium	5.45	J	4.82	10.0	ug/L
Q3560-09	SY-12D	Water	Sodium	105000		434	1000	ug/L
Client ID : SY-12D								
Q3560-10	SY-12D	Water	Iron	21.5	J	11.7	50.0	ug/L
Q3560-10	SY-12D	Water	Manganese	11.4		2.97	10.0	ug/L



SAMPLE DATA

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10D
Lab Sample ID: Q3560-01
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-39-3	Barium	56.3		1	7.28	50.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-47-3	Chromium	1.38	JN	1	1.06	5.00	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-48-4	Cobalt	41.1		1	1.13	15.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-02-0	Nickel	3.76	J	1	1.53	20.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-09-7	Potassium	18000		1	459	1000	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-23-5	Sodium	291000		1	434	1000	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/07/25 11:20	11/10/25 15:31	6010D	M3010A

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10D
Lab Sample ID: Q3560-02
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	215	N	1	11.7	50.0	ug/L	11/07/25 11:20	11/10/25 15:35	6010D	M3010A
7439-96-5	Manganese	1550		1	2.97	10.0	ug/L	11/07/25 11:20	11/10/25 15:35	6010D	M3010A

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10S
Lab Sample ID: Q3560-03
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-39-3	Barium	14.7	J	1	7.28	50.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-47-3	Chromium	1.88	JN	1	1.06	5.00	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-02-0	Nickel	2.53	J	1	1.53	20.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-09-7	Potassium	1270		1	459	1000	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-23-5	Sodium	7590		1	434	1000	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/07/25 11:20	11/10/25 15:39	6010D	M3010A

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10S
Lab Sample ID: Q3560-04
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	20.8	JN	1	11.7	50.0	ug/L	11/07/25 11:20	11/10/25 15:52	6010D	M3010A
7439-96-5	Manganese	3.26	J	1	2.97	10.0	ug/L	11/07/25 11:20	11/10/25 15:52	6010D	M3010A

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10I
Lab Sample ID: Q3560-05
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-39-3	Barium	27.9	J	1	7.28	50.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-47-3	Chromium	4.17	JN	1	1.06	5.00	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-48-4	Cobalt	1.62	J	1	1.13	15.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-02-0	Nickel	3.31	J	1	1.53	20.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-09-7	Potassium	625	J	1	459	1000	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-23-5	Sodium	51700		1	434	1000	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-62-2	Vanadium	4.38	J	1	3.13	20.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/07/25 11:20	11/10/25 15:56	6010D	M3010A

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10I
Lab Sample ID: Q3560-06
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	23.9	JN	1	11.7	50.0	ug/L	11/07/25 11:20	11/10/25 16:00	6010D	M3010A
7439-96-5	Manganese	11.9		1	2.97	10.0	ug/L	11/07/25 11:20	11/10/25 16:00	6010D	M3010A

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syoset Landfill 2025
Client Sample ID: SY-12I
Lab Sample ID: Q3560-07
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-39-3	Barium	44.9	J	1	7.28	50.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-47-3	Chromium	2.45	JN	1	1.06	5.00	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-48-4	Cobalt	1.41	J	1	1.13	15.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7439-92-1	Lead	1.47	J	1	1.15	6.00	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-02-0	Nickel	8.30	J	1	1.53	20.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-09-7	Potassium	55300		1	459	1000	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-23-5	Sodium	124000		1	434	1000	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-62-2	Vanadium	3.97	J	1	3.13	20.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A
7440-66-6	Zinc	47.1		1	8.33	20.0	ug/L	11/07/25 11:20	11/10/25 16:05	6010D	M3010A

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12I
Lab Sample ID: Q3560-08
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	147	N	1	11.7	50.0	ug/L	11/07/25 11:20	11/10/25 16:09	6010D	M3010A
7439-96-5	Manganese	59.5		1	2.97	10.0	ug/L	11/07/25 11:20	11/10/25 16:09	6010D	M3010A

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12D
Lab Sample ID: Q3560-09
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-39-3	Barium	45.6	J	1	7.28	50.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-47-3	Chromium	1.06	UN	1	1.06	5.00	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-48-4	Cobalt	1.51	J	1	1.13	15.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-02-0	Nickel	2.67	J	1	1.53	20.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-09-7	Potassium	2660		1	459	1000	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7782-49-2	Selenium	5.45	J	1	4.82	10.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-23-5	Sodium	105000		1	434	1000	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/07/25 11:20	11/10/25 16:13	6010D	M3010A

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12D
Lab Sample ID: Q3560-10
Level (low/med): low

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	21.5	JN	1	11.7	50.0	ug/L	11/07/25 11:20	11/10/25 16:17	6010D	M3010A
7439-96-5	Manganese	11.4		1	2.97	10.0	ug/L	11/07/25 11:20	11/10/25 16:17	6010D	M3010A

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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Antimony	4110	4000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Arsenic	3980	4000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Barium	7950	8000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Beryllium	208	200	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cadmium	1960	2000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Chromium	829	800	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cobalt	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Copper	1040	1000	104	90 - 110	P	11/10/2025	11:45	LB137841
	Iron	4090	4000	102	90 - 110	P	11/10/2025	11:45	LB137841
	Lead	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Manganese	2000	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Nickel	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Potassium	19900	20000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Selenium	4020	4000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Silver	1030	1000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Sodium	19600	20000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Thallium	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Vanadium	1990	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Zinc	2020	2000	101	90 - 110	P	11/10/2025	11:45	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Antimony	49.9	50.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Arsenic	22.4	20.0	112	80 - 120	P	11/10/2025	11:57	LB137841
	Barium	95.0	100	95	80 - 120	P	11/10/2025	11:57	LB137841
	Beryllium	6.31	6.0	105	80 - 120	P	11/10/2025	11:57	LB137841
	Cadmium	5.56	6.0	93	80 - 120	P	11/10/2025	11:57	LB137841
	Chromium	10.1	10.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Cobalt	28.9	30.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Copper	20.3	20.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Iron	116	100	116	80 - 120	P	11/10/2025	11:57	LB137841
	Lead	10.8	12.0	90	80 - 120	P	11/10/2025	11:57	LB137841
	Manganese	20.0	20.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Nickel	38.3	40.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Potassium	2050	2000	102	80 - 120	P	11/10/2025	11:57	LB137841
	Selenium	22.1	20.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Silver	11.0	10.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Sodium	1660	2000	83	80 - 120	P	11/10/2025	11:57	LB137841
	Thallium	34.5	40.0	86	80 - 120	P	11/10/2025	11:57	LB137841
	Vanadium	39.3	40.0	98	80 - 120	P	11/10/2025	11:57	LB137841
	Zinc	40.9	40.0	102	80 - 120	P	11/10/2025	11:57	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Antimony	4960	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Arsenic	4940	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Barium	9910	10000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	12:38	LB137841
	Cadmium	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Cobalt	2450	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Iron	4860	5000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Lead	4910	5000	98	90 - 110	P	11/10/2025	12:38	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Nickel	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Potassium	23600	25000	94	90 - 110	P	11/10/2025	12:38	LB137841
	Selenium	5030	5000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Silver	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Sodium	24200	25000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Thallium	5160	5000	103	90 - 110	P	11/10/2025	12:38	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Zinc	2490	2500	99	90 - 110	P	11/10/2025	12:38	LB137841
CCV02	Antimony	5000	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Barium	9770	10000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Beryllium	255	250	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Iron	4980	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Lead	4950	5000	99	90 - 110	P	11/10/2025	13:28	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Potassium	23500	25000	94	90 - 110	P	11/10/2025	13:28	LB137841
	Selenium	5090	5000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Sodium	23700	25000	95	90 - 110	P	11/10/2025	13:28	LB137841
	Thallium	4890	5000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	13:28	LB137841
CCV03	Antimony	4950	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Barium	9820	10000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	14:46	LB137841
	Cadmium	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Chromium	1010	1000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	14:46	LB137841
	Iron	4870	5000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Lead	4860	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	14:46	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Potassium	23700	25000	95	90 - 110	P	11/10/2025	14:46	LB137841
	Selenium	4990	5000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Silver	1230	1250	98	90 - 110	P	11/10/2025	14:46	LB137841
	Sodium	24100	25000	96	90 - 110	P	11/10/2025	14:46	LB137841
	Thallium	4840	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
	Zinc	2490	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
CCV04	Antimony	5040	5000	101	90 - 110	P	11/10/2025	15:44	LB137841
	Arsenic	5010	5000	100	90 - 110	P	11/10/2025	15:44	LB137841
	Barium	9710	10000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	15:44	LB137841
	Iron	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Lead	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Manganese	2420	2500	97	90 - 110	P	11/10/2025	15:44	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Nickel	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Potassium	23600	25000	95	90 - 110	P	11/10/2025	15:44	LB137841
	Selenium	5070	5000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Sodium	23600	25000	94	90 - 110	P	11/10/2025	15:44	LB137841
	Thallium	5070	5000	101	90 - 110	P	11/10/2025	15:44	LB137841
	Vanadium	2460	2500	98	90 - 110	P	11/10/2025	15:44	LB137841
	Zinc	2530	2500	101	90 - 110	P	11/10/2025	15:44	LB137841
CCV05	Antimony	4940	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Barium	9850	10000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cadmium	2430	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	16:35	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Iron	4900	5000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Lead	4810	5000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	16:35	LB137841
	Nickel	2420	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Potassium	24100	25000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Selenium	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Silver	1220	1250	98	90 - 110	P	11/10/2025	16:35	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	16:35	LB137841
	Vanadium	2480	2500	99	90 - 110	P	11/10/2025	16:35	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	16:35	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
CCV06	Arsenic	5030	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Barium	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Beryllium	254	250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	17:27	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	17:27	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Copper	1270	1250	102	90 - 110	P	11/10/2025	17:27	LB137841
	Iron	5060	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Lead	4880	5000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Manganese	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Nickel	2460	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Potassium	24700	25000	99	90 - 110	P	11/10/2025	17:27	LB137841
	Selenium	5010	5000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Thallium	4560	5000	91	90 - 110	P	11/10/2025	17:27	LB137841
	Vanadium	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	17:27	LB137841
CCV07	Antimony	5230	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Arsenic	5260	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Barium	10100	10000	101	90 - 110	P	11/10/2025	19:14	LB137841
	Beryllium	264	250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Cadmium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	19:14	LB137841
	Cobalt	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Copper	1320	1250	105	90 - 110	P	11/10/2025	19:14	LB137841
	Iron	5290	5000	106	90 - 110	P	11/10/2025	19:14	LB137841
	Lead	5130	5000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Manganese	2530	2500	101	90 - 110	P	11/10/2025	19:14	LB137841
	Nickel	2570	2500	103	90 - 110	P	11/10/2025	19:14	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	19:14	LB137841
	Selenium	5340	5000	107	90 - 110	P	11/10/2025	19:14	LB137841
	Silver	1320	1250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Sodium	24600	25000	98	90 - 110	P	11/10/2025	19:14	LB137841
	Thallium	4950	5000	99	90 - 110	P	11/10/2025	19:14	LB137841
	Vanadium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	19:14	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
CCV08	Arsenic	5270	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	20:11	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Beryllium	263	250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Cadmium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	20:11	LB137841
	Cobalt	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Copper	1320	1250	106	90 - 110	P	11/10/2025	20:11	LB137841
	Iron	5350	5000	107	90 - 110	P	11/10/2025	20:11	LB137841
	Lead	5140	5000	103	90 - 110	P	11/10/2025	20:11	LB137841
	Manganese	2560	2500	102	90 - 110	P	11/10/2025	20:11	LB137841
	Nickel	2580	2500	103	90 - 110	P	11/10/2025	20:11	LB137841
	Potassium	25300	25000	101	90 - 110	P	11/10/2025	20:11	LB137841
	Selenium	5310	5000	106	90 - 110	P	11/10/2025	20:11	LB137841
	Silver	1310	1250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Sodium	24300	25000	97	90 - 110	P	11/10/2025	20:11	LB137841
	Thallium	5060	5000	101	90 - 110	P	11/10/2025	20:11	LB137841
	Vanadium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	20:11	LB137841
CCV09	Antimony	5080	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Arsenic	5090	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Beryllium	252	250	101	90 - 110	P	11/10/2025	21:31	LB137841
	Cadmium	2490	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	21:31	LB137841
	Cobalt	2510	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Copper	1280	1250	103	90 - 110	P	11/10/2025	21:31	LB137841
	Iron	5180	5000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	21:31	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Nickel	2480	2500	99	90 - 110	P	11/10/2025	21:31	LB137841
	Potassium	25900	25000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Silver	1270	1250	102	90 - 110	P	11/10/2025	21:31	LB137841
	Sodium	26500	25000	106	90 - 110	P	11/10/2025	21:31	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	21:31	LB137841
	Vanadium	2520	2500	101	90 - 110	P	11/10/2025	21:31	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.
Contract: LOCK01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3560
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV09	Zinc	2630	2500	105	90 - 110	P	11/10/2025	21:31	LB137841
CCV10	Antimony	4970	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Barium	9860	10000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Beryllium	251	250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Cadmium	2450	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	22:29	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	22:29	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	22:29	LB137841
	Iron	5090	5000	102	90 - 110	P	11/10/2025	22:29	LB137841
	Lead	4820	5000	96	90 - 110	P	11/10/2025	22:29	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Potassium	26200	25000	105	90 - 110	P	11/10/2025	22:29	LB137841
	Selenium	4960	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Sodium	27400	25000	110	90 - 110	P	11/10/2025	22:29	LB137841
	Thallium	4540	5000	91	90 - 110	P	11/10/2025	22:29	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	22:29	LB137841
	Zinc	2580	2500	103	90 - 110	P	11/10/2025	22:29	LB137841
CCV11	Antimony	5020	5000	100	90 - 110	P	11/10/2025	23:30	LB137841
	Arsenic	5060	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Barium	9690	10000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Beryllium	248	250	99	90 - 110	P	11/10/2025	23:30	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Chromium	1040	1000	104	90 - 110	P	11/10/2025	23:30	LB137841
	Cobalt	2490	2500	100	90 - 110	P	11/10/2025	23:30	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	23:30	LB137841
	Iron	5100	5000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Manganese	2410	2500	96	90 - 110	P	11/10/2025	23:30	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	23:30	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Silver	1260	1250	101	90 - 110	P	11/10/2025	23:30	LB137841
	Sodium	24300	25000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Thallium	4790	5000	96	90 - 110	P	11/10/2025	23:30	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	23:30	LB137841



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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Antimony	48.8	50.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Arsenic	19.4	20.0	97	65 - 135	P	11/10/2025	12:16	LB137841
	Barium	98.6	100	99	65 - 135	P	11/10/2025	12:16	LB137841
	Beryllium	6.53	6.0	109	65 - 135	P	11/10/2025	12:16	LB137841
	Cadmium	5.98	6.0	100	65 - 135	P	11/10/2025	12:16	LB137841
	Chromium	9.05	10.0	90	65 - 135	P	11/10/2025	12:16	LB137841
	Cobalt	29.8	30.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Copper	21.9	20.0	110	65 - 135	P	11/10/2025	12:16	LB137841
	Iron	112	100	112	65 - 135	P	11/10/2025	12:16	LB137841
	Lead	11.1	12.0	93	65 - 135	P	11/10/2025	12:16	LB137841
	Manganese	21.5	20.0	108	65 - 135	P	11/10/2025	12:16	LB137841
	Nickel	39.7	40.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Potassium	2030	2000	101	65 - 135	P	11/10/2025	12:16	LB137841
	Selenium	22.6	20.0	113	65 - 135	P	11/10/2025	12:16	LB137841
	Silver	10.1	10.0	101	65 - 135	P	11/10/2025	12:16	LB137841
	Sodium	1620	2000	81	65 - 135	P	11/10/2025	12:16	LB137841
	Thallium	39.2	40.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Vanadium	35.6	40.0	89	65 - 135	P	11/10/2025	12:16	LB137841
	Zinc	43.2	40.0	108	65 - 135	P	11/10/2025	12:16	LB137841



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:11	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:11	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Iron	32.9	+/-50	J	100	P	11/10/2025	12:11	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:11	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:11	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:42	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:42	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:42	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
CCB02	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	13:54	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	13:54	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	13:54	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Iron	29.8	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	13:54	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Thallium	4.43	+/-20	J	40.0	P	11/10/2025	13:54	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
CCB03	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	14:50	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB03	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	14:50	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Iron	29.3	+/-50	J	100	P	11/10/2025	14:50	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	14:50	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
CCB04	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	15:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	15:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	15:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Iron	37.7	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	15:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
CCB05	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	16:38	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	16:38	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB05	Barium	14.6	+/-50	U	100	P	11/10/2025	16:38	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	16:38	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Iron	24.8	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	16:38	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
CCB06	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	17:31	LB137841
	Arsenic	7.21	+/-10	J	20.0	P	11/10/2025	17:31	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	17:31	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	17:31	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Iron	24.6	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	17:31	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
CCB07	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	19:18	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	19:18	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB07	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	19:18	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Iron	38.0	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	19:18	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
CCB08	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	20:26	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	20:26	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	20:26	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Iron	27.2	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	20:26	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
CCB09	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	21:41	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	21:41	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	21:41	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	21:41	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
CCB10	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	22:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	22:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	22:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
CCB11	Sodium	868	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	23:34	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	23:34	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	23:34	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	23:34	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	23:34	LB137841

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170434BL	WATER			Batch Number:	PB170434		Prep Date:	11/07/2025	
	Antimony	3.38	<12.5	U	25.0	P	11/10/2025	15:22	LB137841
	Arsenic	2.56	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Barium	7.28	<25	U	50.0	P	11/10/2025	15:22	LB137841
	Beryllium	0.28	<1.5	U	3.00	P	11/10/2025	15:22	LB137841
	Cadmium	0.25	<1.5	U	3.00	P	11/10/2025	15:22	LB137841
	Chromium	1.06	<2.5	U	5.00	P	11/10/2025	15:22	LB137841
	Cobalt	1.13	<7.5	U	15.0	P	11/10/2025	15:22	LB137841
	Copper	2.30	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Iron	12.2	<25	J	50.0	P	11/10/2025	15:22	LB137841
	Lead	1.15	<3	U	6.00	P	11/10/2025	15:22	LB137841
	Manganese	2.97	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Nickel	1.53	<10	U	20.0	P	11/10/2025	15:22	LB137841
	Potassium	459	<500	U	1000	P	11/10/2025	15:22	LB137841
	Selenium	4.82	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Silver	0.81	<2.5	U	5.00	P	11/10/2025	15:22	LB137841
	Sodium	434	<500	U	1000	P	11/10/2025	15:22	LB137841
	Thallium	2.19	<10	U	20.0	P	11/10/2025	15:22	LB137841
	Vanadium	3.13	<10	U	20.0	P	11/10/2025	15:22	LB137841
	Zinc	8.33	<10	U	20.0	P	11/10/2025	15:22	LB137841

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	SDG No.: <u>Q3560</u>
Contract: <u>LOCK01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Antimony	1.44			-50	50	11/10/2025	12:21	LB137841
	Arsenic	4.11			-20	20	11/10/2025	12:21	LB137841
	Barium	1.49	6.0	25	-94	106	11/10/2025	12:21	LB137841
	Beryllium	1.48			-6	6	11/10/2025	12:21	LB137841
	Cadmium	0.069	1.0	7	-5	7	11/10/2025	12:21	LB137841
	Chromium	49.5	52.0	95	42	62	11/10/2025	12:21	LB137841
	Cobalt	1.52			-30	30	11/10/2025	12:21	LB137841
	Copper	18.7	2.0	935	-18	22	11/10/2025	12:21	LB137841
	Iron	103000	101000	102	85600	116500	11/10/2025	12:21	LB137841
	Lead	-2.05			-12	12	11/10/2025	12:21	LB137841
	Manganese	8.79	7.0	126	-13	27	11/10/2025	12:21	LB137841
	Nickel	6.36	2.0	318	-38	42	11/10/2025	12:21	LB137841
	Potassium	291			0	0	11/10/2025	12:21	LB137841
	Selenium	3.23			-20	20	11/10/2025	12:21	LB137841
	Silver	0.36			-10	10	11/10/2025	12:21	LB137841
	Sodium	-245			0	0	11/10/2025	12:21	LB137841
	Thallium	5.19			-40	40	11/10/2025	12:21	LB137841
	Vanadium	-3.12			-40	40	11/10/2025	12:21	LB137841
	Zinc	3.40			-40	40	11/10/2025	12:21	LB137841
ICSAB01	Antimony	608	618	98	525	711	11/10/2025	12:26	LB137841
	Arsenic	101	104	97	88.4	120	11/10/2025	12:26	LB137841
	Barium	497	537	93	437	637	11/10/2025	12:26	LB137841
	Beryllium	515	495	104	420	570	11/10/2025	12:26	LB137841
	Cadmium	996	972	102	826	1120	11/10/2025	12:26	LB137841
	Chromium	584	542	108	460	624	11/10/2025	12:26	LB137841
	Cobalt	505	476	106	404	548	11/10/2025	12:26	LB137841
	Copper	501	511	98	434	588	11/10/2025	12:26	LB137841
	Iron	103000	99300	104	84400	114500	11/10/2025	12:26	LB137841
	Lead	49.4	49.0	101	37	61	11/10/2025	12:26	LB137841
	Manganese	505	507	100	430	584	11/10/2025	12:26	LB137841
	Nickel	1020	954	107	810	1100	11/10/2025	12:26	LB137841
	Potassium	-9.62			0	0	11/10/2025	12:26	LB137841
	Selenium	51.0	46.0	111	26	66	11/10/2025	12:26	LB137841
	Silver	204	201	102	170	232	11/10/2025	12:26	LB137841
	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841
	Vanadium	511	491	104	417	565	11/10/2025	12:26	LB137841
	Zinc	1030	952	108	809	1095	11/10/2025	12:26	LB137841



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Lockwood, Kessler & Bartlett, Inc. **level:** low **sdg no.:** Q3560
contract: LOCK01 **lab code:** ACE
matrix: Water **sample id:** Q3566-01 **client id:** WATER-TREATMENT DISCHARGEMS
Percent Solids for Sample: NA **Spiked ID:** Q3566-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	405		25.0	U	400	101		P
Arsenic	ug/L	75 - 125	420		10.0	U	400	105		P
Barium	ug/L	75 - 125	108		50.0	U	100	108		P
Beryllium	ug/L	75 - 125	100		3.00	U	100	100		P
Cadmium	ug/L	75 - 125	108		3.00	U	100	108		P
Chromium	ug/L	75 - 125	377		160		200	109		P
Cobalt	ug/L	75 - 125	110		15.0	U	100	110		P
Copper	ug/L	75 - 125	159		6.36	J	150	101		P
Iron	ug/L	75 - 125	1730		55.0		1500	112		P
Lead	ug/L	75 - 125	509		6.00	U	500	102		P
Manganese	ug/L	75 - 125	112		9.92	J	100	102		P
Nickel	ug/L	75 - 125	277		6.37	J	250	108		P
Potassium	ug/L	75 - 125	146000		135000		5000	207		P
Selenium	ug/L	75 - 125	1020		10.0	U	1000	102		P
Silver	ug/L	75 - 125	35.6		5.00	U	37.5	95		P
Sodium	ug/L	75 - 125	732000		703000		1500	1921		P
Thallium	ug/L	75 - 125	930		20.0	U	1000	93		P
Vanadium	ug/L	75 - 125	154		20.0	U	150	103		P
Zinc	ug/L	75 - 125	160		49.7		100	111		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3560</u>
contract: <u>LOCK01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3566-01</u>	client id: <u>WATER-TREATMENT DISCHARGEMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3566-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	363		25.0	U	400	91		P
Arsenic	ug/L	75 - 125	410		10.0	U	400	102		P
Barium	ug/L	75 - 125	103		50.0	U	100	103		P
Beryllium	ug/L	75 - 125	96.7		3.00	U	100	97		P
Cadmium	ug/L	75 - 125	104		3.00	U	100	104		P
Chromium	ug/L	75 - 125	422		160		200	131	N	P
Cobalt	ug/L	75 - 125	105		15.0	U	100	105		P
Copper	ug/L	75 - 125	154		6.36	J	150	99		P
Iron	ug/L	75 - 125	1950		55.0		1500	126	N	P
Lead	ug/L	75 - 125	495		6.00	U	500	99		P
Manganese	ug/L	75 - 125	108		9.92	J	100	98		P
Nickel	ug/L	75 - 125	273		6.37	J	250	107		P
Potassium	ug/L	75 - 125	138000		135000		5000	59		P
Selenium	ug/L	75 - 125	992		10.0	U	1000	99		P
Silver	ug/L	75 - 125	35.4		5.00	U	37.5	94		P
Sodium	ug/L	75 - 125	684000		703000		1500	-1302		P
Thallium	ug/L	75 - 125	856		20.0	U	1000	86		P
Vanadium	ug/L	75 - 125	149		20.0	U	150	99		P
Zinc	ug/L	75 - 125	155		49.7		100	105		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	SDG No.:	<u>Q3560</u>		
Contract:	<u>LOCK01</u>	Lab Code:	<u>ACE</u>		
Matrix:	<u>Water</u>	Level:	<u>LOW</u>	Client ID:	<u>WATER-TREATMENT DISCHARGE A</u>
Sample ID:	<u>Q3566-01</u>	Spiked ID:	<u>Q3566-01A</u>		

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Chromium	ug/L	75 - 125	360		160		200	100		P
Iron	ug/L	75 - 125	1680		55.0		1500	108		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **Level:** LOW **SDG No.:** Q3560
Contract: LOCK01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3566-01 **Client ID:** WATER-TREATMENT DISCHARGEDU
Percent Solids for Sample: NA **Duplicate ID** Q3566-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	50.0	U	50.0	U			P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	160		156		3		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	6.36	J	5.81	J	9		P
Iron	ug/L	20	55.0		53.3		3		P
Lead	ug/L	20	6.00	U	6.00	U			P
Manganese	ug/L	20	9.92	J	9.34	J	6		P
Nickel	ug/L	20	6.37	J	5.95	J	7		P
Potassium	ug/L	20	135000		134000		1		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	703000		692000		2		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	49.7		48.8		2		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **Level:** LOW **SDG No.:** Q3560
Contract: LOCK01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3566-01MS **Client ID:** WATER-TREATMENT DISCHARGEMS
Percent Solids for Sample: NA **Duplicate ID** Q3566-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	405		363		11		P
Arsenic	ug/L	20	420		410		2		P
Barium	ug/L	20	108		103		5		P
Beryllium	ug/L	20	100		96.7		3		P
Cadmium	ug/L	20	108		104		4		P
Chromium	ug/L	20	377		422		11		P
Cobalt	ug/L	20	110		105		5		P
Copper	ug/L	20	159		154		3		P
Iron	ug/L	20	1730		1950		12		P
Lead	ug/L	20	509		495		3		P
Manganese	ug/L	20	112		108		4		P
Nickel	ug/L	20	277		273		1		P
Potassium	ug/L	20	146000		138000		6		P
Selenium	ug/L	20	1020		992		3		P
Silver	ug/L	20	35.6		35.4		1		P
Sodium	ug/L	20	732000		684000		7		P
Thallium	ug/L	20	930		856		8		P
Vanadium	ug/L	20	154		149		3		P
Zinc	ug/L	20	160		155		3		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	SDG No.:	<u>Q3560</u>
Contract:	<u>LOCK01</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170434BS							
Antimony	ug/L	400	413		103	80 - 120	P
Arsenic	ug/L	400	402		100	80 - 120	P
Barium	ug/L	100	99.8		100	80 - 120	P
Beryllium	ug/L	100	109		109	80 - 120	P
Cadmium	ug/L	100	98.7		99	80 - 120	P
Chromium	ug/L	200	210		105	80 - 120	P
Cobalt	ug/L	100	100		100	80 - 120	P
Copper	ug/L	150	159		106	80 - 120	P
Iron	ug/L	1500	1500		100	80 - 120	P
Lead	ug/L	500	484		97	80 - 120	P
Manganese	ug/L	100	104		104	80 - 120	P
Nickel	ug/L	250	253		101	80 - 120	P
Potassium	ug/L	5000	4960		99	80 - 120	P
Selenium	ug/L	1000	1050		105	80 - 120	P
Silver	ug/L	37.5	37.9		101	80 - 120	P
Sodium	ug/L	1500	1790		119	80 - 120	P
Thallium	ug/L	1000	1000		100	80 - 120	P
Vanadium	ug/L	150	154		103	80 - 120	P
Zinc	ug/L	100	107		107	80 - 120	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT DISCHARGEL

Lab Name: Alliance **Contract:** LOCK01
Lab Code: ACE **Lb No.:** lb137841 **Lab Sample ID :** Q3566-01L **SDG No.:** Q3560
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Chromium	160		155		3		P
Cobalt	15.0	U	75.0	U			P
Copper	6.36	J	50.0	U	100.0		P
Iron	55.0		250	U	100.0		P
Lead	6.00	U	30.0	U			P
Manganese	9.92	J	50.0	U	100.0		P
Nickel	6.37	J	100	U	100.0		P
Potassium	135000		125000		8		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	703000		693000		2		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	49.7		49.7	J	0		P



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Contract: LOCK01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3560
Contract: LOCK01 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170434							
PB170434BL	PB170434BL	MB	WATER	11/07/2025	50.0	25.0	
PB170434BS	PB170434BS	LCS	WATER	11/07/2025	50.0	25.0	
Q3560-01	SY-10D	SAM	WATER	11/07/2025	50.0	25.0	
Q3560-02	SY-10D	SAM	WATER	11/07/2025	50.0	25.0	
Q3560-03	SY-10S	SAM	WATER	11/07/2025	50.0	25.0	
Q3560-04	SY-10S	SAM	WATER	11/07/2025	50.0	25.0	
Q3560-05	SY-10I	SAM	WATER	11/07/2025	50.0	25.0	
Q3560-06	SY-10I	SAM	WATER	11/07/2025	50.0	25.0	
Q3560-07	SY-12I	SAM	WATER	11/07/2025	50.0	25.0	
Q3560-08	SY-12I	SAM	WATER	11/07/2025	50.0	25.0	
Q3560-09	SY-12D	SAM	WATER	11/07/2025	50.0	25.0	
Q3560-10	SY-12D	SAM	WATER	11/07/2025	50.0	25.0	
Q3566-01DUP	WATER-TREATMENT DISCHARGEDUP	DUP	WATER	11/07/2025	50.0	25.0	
Q3566-01MS	WATER-TREATMENT DISCHARGEMS	MS	WATER	11/07/2025	50.0	25.0	
Q3566-01MSD	WATER-TREATMENT DISCHARGEMSD	MSD	WATER	11/07/2025	50.0	25.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Lab code: ACE

Sdg no.: Q3560

Instrument id number: _____

Method: _____

Run number: LB137841

Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1124	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1128	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1132	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1137	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1141	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1145	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1157	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1211	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1216	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1221	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1226	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1238	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1242	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1328	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1354	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1446	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1450	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170434BL	PB170434BL	1	1522	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170434BS	PB170434BS	1	1527	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3560-01	SY-10D	1	1531	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3560-02	SY-10D	1	1535	Fe,Mn
Q3560-03	SY-10S	1	1539	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1544	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1547	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3560-04	SY-10S	1	1552	Fe,Mn
Q3560-05	SY-10I	1	1556	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3560-06	SY-10I	1	1600	Fe,Mn
Q3560-07	SY-12I	1	1605	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3560-08	SY-12I	1	1609	Fe,Mn
Q3560-09	SY-12D	1	1613	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3560-10	SY-12D	1	1617	Fe,Mn
Q3566-01DUP	WATER-TREATMENT DISCH#	1	1626	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01L	WATER-TREATMENT DISCH#	5	1630	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1635	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1638	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01MS	WATER-TREATMENT DISCH#	1	1643	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01MSD	WATER-TREATMENT DISCH#	1	1647	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01A	WATER-TREATMENT DISCH#	1	1651	Cr,Fe
CCV06	CCV06	1	1727	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1731	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Lab code: ACE

Sdg no.: Q3560

Instrument id number: _____

Method: _____

Run number: LB137841

Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV07	CCV07	1	1914	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1918	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2011	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2026	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2131	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2141	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2229	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2247	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2330	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2334	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn

LAB CHRONICLE

OrderID:	Q3560	OrderDate:	11/6/2025 10:13:00 AM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Syosset Landfill 2025
Contact:	John Gerlach	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3560-01	SY-10D	WATER			11/05/25 09:15			11/06/25
			Alkalinity	SM2320 B			11/14/25 12:15	
			Ammonia	SM4500-NH3		11/10/25	11/11/25 11:46	
			Anions Group1	300.0			11/06/25 15:13	
			BOD5	SM5210 B			11/06/25 16:00	
			Cyanide	9012B		11/10/25	11/10/25 14:24	
			pH	9040C			11/06/25 16:14	
			TDS	SM2540 C			11/06/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 11:54	
			TOC	SM5310B			11/12/25 12:14	
			Total Nitrogen	Cal			11/12/25 11:54	
			TSS	SM2540 D			11/07/25 10:00	
			Turbidity	SM2130 B			11/07/25 09:11	
Q3560-01DL	SY-10DDL	WATER			11/05/25 09:15			11/06/25

LAB CHRONICLE

Ammonia	SM4500-NH3	11/10/25	11/11/25 13:06
Anions Group1	300.0		11/07/25 11:31

Q3560-03

SY-10S

WATER

**11/05/25
10:00**

11/06/25

Alkalinity	SM2320 B		11/14/25 13:05
Ammonia	SM4500-NH3	11/10/25	11/11/25 11:56
Anions Group1	300.0		11/06/25 15:34
BOD5	SM5210 B		11/06/25 16:00
Cyanide	9012B	11/10/25	11/10/25 14:32
pH	9040C		11/06/25 16:20
TDS	SM2540 C		11/06/25 11:30
TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 11:54
TOC	SM5310B		11/12/25 12:38
Total Nitrogen	Cal		11/12/25 11:54
TSS	SM2540 D		11/07/25 10:00
Turbidity	SM2130 B		11/07/25 09:15

Q3560-03DL

SY-10SDL

WATER

**11/05/25
10:00**

11/06/25

Anions Group1	300.0		11/07/25 11:52
---------------	-------	--	-------------------

LAB CHRONICLE

Q3560-05	SY-10I	WATER		11/05/25 12:00		11/06/25
			Alkalinity	SM2320 B		11/14/25 12:28
			Ammonia	SM4500-NH3	11/10/25	11/11/25 11:56
			Anions Group1	300.0		11/06/25 15:56
			BOD5	SM5210 B		11/06/25 16:00
			Cyanide	9012B	11/10/25	11/10/25 14:32
			pH	9040C		11/06/25 16:25
			TDS	SM2540 C		11/06/25 11:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 11:54
			TOC	SM5310B		11/12/25 13:55
			Total Nitrogen	Cal		11/12/25 11:54
			TSS	SM2540 D		11/07/25 10:00
			Turbidity	SM2130 B		11/07/25 09:18
Q3560-05DL	SY-10IDL	WATER		11/05/25 12:00		11/06/25
			Anions Group1	300.0		11/07/25 12:14
Q3560-07	SY-12I	WATER		11/05/25 14:15		11/06/25
			Alkalinity	SM2320 B		11/14/25 12:35
			Ammonia	SM4500-NH3	11/10/25	11/11/25 12:07

LAB CHRONICLE

Q3560-07DL	SY-12IDL	WATER	Anions Group1	300.0	11/05/25 14:15	11/06/25 16:17	11/06/25
			BOD5	SM5210 B		11/06/25 16:00	
			Cyanide	9012B		11/10/25 14:39	
			pH	9040C		11/06/25 16:35	
			TDS	SM2540 C		11/06/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25 11/12/25 11:54	
			TOC	SM5310B		11/12/25 14:21	
			Total Nitrogen	Cal		11/12/25 12:26	
			TSS	SM2540 D		11/07/25 10:00	
			Turbidity	SM2130 B		11/07/25 09:21	
			Ammonia	SM4500-NH3		11/10/25 11/11/25 13:06	
			Anions Group1	300.0		11/07/25 12:35	
Q3560-07DL 2	SY-12IDL2	WATER	TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/05/25 14:15	11/11/25 11/12/25 12:26	11/06/25
			Ammonia	SM4500-NH3		11/10/25 11/11/25 13:46	
			Anions Group1	300.0		11/07/25 12:57	

LAB CHRONICLE

Q3560-09	SY-12D	WATER		11/05/25 16:00		11/06/25
			Alkalinity	SM2320 B		11/14/25 12:39
			Ammonia	SM4500-NH3	11/10/25	11/11/25 12:07
			Anions Group1	300.0		11/06/25 16:39
			BOD5	SM5210 B		11/06/25 16:00
			Cyanide	9012B	11/10/25	11/10/25 14:39
			pH	9040C		11/06/25 16:39
			TDS	SM2540 C		11/06/25 11:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 12:04
			TOC	SM5310B		11/12/25 15:10
			Total Nitrogen	Cal		11/12/25 12:04
			TSS	SM2540 D		11/07/25 10:00
			Turbidity	SM2130 B		11/07/25 09:24
Q3560-09DL	SY-12DDL	WATER		11/05/25 16:00		11/06/25
			Anions Group1	300.0		11/07/25 14:02
Q3560-09DL 2	SY-12DDL2	WATER		11/05/25 16:00		11/06/25
			Anions Group1	300.0		11/07/25 14:45



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10D
Lab Sample ID: Q3560-01

Date Collected: 11/05/25 09:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	138		1	1.00	2.00	mg/L		11/14/25 12:15	SM 2320 B-21
Ammonia as N	8.10	OR	1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 11:46	SM 4500-NH3 B plus G-21
Chloride	720	OR	1	0.19	0.60	mg/L		11/06/25 15:13	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 15:13	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/06/25 15:13	300.0
Sulfate	33.0		1	0.46	3.00	mg/L		11/06/25 15:13	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/06/25 15:13	300.0
BOD5	21.1		1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.047	U	1	0.047	0.24	mg/L	11/10/25 12:10	11/10/25 14:24	9012B
pH	6.11	H	1	0	0	pH		11/06/25 16:14	9040C
TDS	1070		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	8.20		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:54	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	3.00		1	0.35	1.00	mg/L		11/12/25 12:14	SM 5310 B-14
Nitrogen	8.20		1	0.31	1.30	mg/L		11/12/25 11:54	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	0.40	J	1	0.15	1.00	NTU		11/07/25 09:11	SM 2130 B-20

Comments: pH result reported at temperature 20.4 °C

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10DDL
Lab Sample ID: Q3560-01DL

Date Collected: 11/05/25 09:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	7.40	D	10	0.30	1.00	mg/L	11/10/25 11:40	11/11/25 13:06	SM 4500-NH3 B plus G-21
Chloride	503	D	200	38.0	120	mg/L		11/07/25 11:31	300.0

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10S
Lab Sample ID: Q3560-03

Date Collected: 11/05/25 10:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: Water
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	8.40		1	1.00	2.00	mg/L		11/14/25 13:05	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 11:56	SM 4500-NH3 B plus G-21
Chloride	12.6	OR	1	0.19	0.60	mg/L		11/06/25 15:34	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 15:34	300.0
Nitrate	4.90		1	0.095	0.50	mg/L		11/06/25 15:34	300.0
Sulfate	17.3		1	0.46	3.00	mg/L		11/06/25 15:34	300.0
Nitrate+Nitrite	4.90		1	0.17	1.10	mg/L		11/06/25 15:34	300.0
BOD5	3.58		1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.066	J	1	0.048	0.25	mg/L	11/10/25 12:10	11/10/25 14:32	9012B
pH	5.88	H	1	0	0	pH		11/06/25 16:20	9040C
TDS	160		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	0.11	U	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:54	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	1.00		1	0.35	1.00	mg/L		11/12/25 12:38	SM 5310 B-14
Nitrogen	4.90		1	0.31	1.30	mg/L		11/12/25 11:54	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	0.45	J	1	0.15	1.00	NTU		11/07/25 09:15	SM 2130 B-20

Comments: pH result reported at temperature 20.4 °C

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10SDL
Lab Sample ID: Q3560-03DL

Date Collected: 11/05/25 10:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	12.7	D	5	0.95	3.00	mg/L		11/07/25 11:52	300.0

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10I
Lab Sample ID: Q3560-05

Date Collected: 11/05/25 12:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	21.8		1	1.00	2.00	mg/L		11/14/25 12:28	SM 2320 B-21
Ammonia as N	0.074	J	1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 11:56	SM 4500-NH3 B plus G-21
Chloride	109	OR	1	0.19	0.60	mg/L		11/06/25 15:56	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 15:56	300.0
Nitrate	7.00	OR	1	0.095	0.50	mg/L		11/06/25 15:56	300.0
Sulfate	16.8		1	0.46	3.00	mg/L		11/06/25 15:56	300.0
Nitrate+Nitrite	8.00	J	1	1.97	10.6	mg/L		11/06/25 15:56	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.061	J	1	0.046	0.24	mg/L	11/10/25 12:10	11/10/25 14:32	9012B
pH	5.74	H	1	0	0	pH		11/06/25 16:25	9040C
TDS	294		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	0.40	J	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:54	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	1.10		1	0.35	1.00	mg/L		11/12/25 13:55	SM 5310 B-14
Nitrogen	8.40		1	0.31	1.30	mg/L		11/12/25 11:54	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	0.45	J	1	0.15	1.00	NTU		11/07/25 09:18	SM 2130 B-20

Comments: pH result reported at temperature 20.9 °C

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-10IDL
Lab Sample ID: Q3560-05DL

Date Collected: 11/05/25 12:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	86.5	D	20	3.80	12.0	mg/L		11/07/25 12:14	300.0
Nitrate	8.00	HJD	20	1.90	10.0	mg/L		11/07/25 12:14	300.0

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12I
Lab Sample ID: Q3560-07

Date Collected: 11/05/25 14:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	452		1	1.00	2.00	mg/L		11/14/25 12:35	SM 2320 B-21
Ammonia as N	32.2	OR	1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 12:07	SM 4500-NH3 B plus G-21
Chloride	155	OR	1	0.19	0.60	mg/L		11/06/25 16:17	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 16:17	300.0
Nitrate	0.65		1	0.095	0.50	mg/L		11/06/25 16:17	300.0
Sulfate	83.9	OR	1	0.46	3.00	mg/L		11/06/25 16:17	300.0
Nitrate+Nitrite	0.65	J	1	0.17	1.10	mg/L		11/06/25 16:17	300.0
BOD5	90.5		1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.048	U	1	0.048	0.25	mg/L	11/10/25 12:10	11/10/25 14:39	9012B
pH	6.54	H	1	0	0	pH		11/06/25 16:35	9040C
TDS	704		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	29.9	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:54	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	11.1		1	0.35	1.00	mg/L		11/12/25 14:21	SM 5310 B-14
Nitrogen	49.1		1	0.31	1.30	mg/L		11/12/25 12:26	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	1.45		1	0.15	1.00	NTU		11/07/25 09:21	SM 2130 B-20

Comments: pH result reported at temperature 20.4 °C

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12IDL
Lab Sample ID: Q3560-07DL

Date Collected: 11/05/25 14:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	43.2	OR	20	0.60	2.00	mg/L	11/10/25 11:40	11/11/25 13:06	SM 4500-NH3 B plus G-21
Chloride	133	OR	5	0.95	3.00	mg/L		11/07/25 12:35	300.0
Sulfate	80.6	D	5	2.30	15.0	mg/L		11/07/25 12:35	300.0
TKN	48.5	D	10	1.10	5.00	mg/L	11/11/25 08:10	11/12/25 12:26	SM4500-N Org C-21 plus NH3 B plus G-21

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12IDL2
Lab Sample ID: Q3560-07DL2

Date Collected: 11/05/25 14:15
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	42.0	D	40	1.20	4.00	mg/L	11/10/25 11:40	11/11/25 13:46	SM 4500-NH3 B plus G-21
Chloride	125	D	50	9.50	30.0	mg/L		11/07/25 12:57	300.0

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12D
Lab Sample ID: Q3560-09

Date Collected: 11/05/25 16:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	47.7		1	1.00	2.00	mg/L		11/14/25 12:39	SM 2320 B-21
Ammonia as N	1.40		1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 12:07	SM 4500-NH3 B plus G-21
Chloride	180	OR	1	0.19	0.60	mg/L		11/06/25 16:39	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 16:39	300.0
Nitrate	8.90	OR	1	0.095	0.50	mg/L		11/06/25 16:39	300.0
Sulfate	158	OR	1	0.46	3.00	mg/L		11/06/25 16:39	300.0
Nitrate+Nitrite	9.00		1	0.26	1.60	mg/L		11/06/25 16:39	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.048	U	1	0.048	0.25	mg/L	11/10/25 12:10	11/10/25 14:39	9012B
pH	5.80	H	1	0	0	pH		11/06/25 16:39	9040C
TDS	539		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	1.40		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	2.50		1	0.35	1.00	mg/L		11/12/25 15:10	SM 5310 B-14
Nitrogen	10.4		1	0.31	1.30	mg/L		11/12/25 12:04	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	0.31	J	1	0.15	1.00	NTU		11/07/25 09:24	SM 2130 B-20

Comments: pH result reported at temperature 20.5 °C

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12DDL
Lab Sample ID: Q3560-09DL

Date Collected: 11/05/25 16:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	170	OR	2	0.38	1.20	mg/L		11/07/25 14:02	300.0
Nitrate	9.00	D	2	0.19	1.00	mg/L		11/07/25 14:02	300.0
Sulfate	152	OR	2	0.92	6.00	mg/L		11/07/25 14:02	300.0

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

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12DDL2
Lab Sample ID: Q3560-09DL2

Date Collected: 11/05/25 16:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	139	D	20	3.80	12.0	mg/L		11/07/25 14:45	300.0
Sulfate	148	D	20	9.20	60.0	mg/L		11/07/25 14:45	300.0

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

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	9.7	10	97	90-110	11/03/2025
Chloride	mg/L	2.9	3	97	90-110	11/03/2025
Fluoride	mg/L	2	2	100	90-110	11/03/2025
Nitrite	mg/L	2.9	3	97	90-110	11/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	11/03/2025
Sulfate	mg/L	14.5	15	97	90-110	11/03/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/03/2025
Sample ID: CCV1						
Bromide	mg/L	10.1	10	101	90-110	11/06/2025
Chloride	mg/L	3	3	100	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.1	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	4.6	5	92	90-110	11/06/2025
Sample ID: CCV2						
Bromide	mg/L	10.2	10	102	90-110	11/06/2025
Chloride	mg/L	3.1	3	103	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.2	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/06/2025
Sample ID: CCV3						
Bromide	mg/L	10.2	10	102	90-110	11/06/2025
Chloride	mg/L	3.1	3	103	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.1	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	11/06/2025
Sample ID: CCV4						
Bromide	mg/L	10.2	10	102	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/07/2025
Sulfate	mg/L	15.1	15	101	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Orthophosphate as P	mg/L	5	5	100	90-110	11/07/2025
Sample ID: CCV5						
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025
Sample ID: CCV6						
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137806

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.02	7	100	90-110	11/06/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	11/06/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	11/06/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137817

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Turbidity	ICV	NTU	10.071	10	101	90-110	11/07/2025
Sample ID: Turbidity	CCV1	NTU	9.246	10	92	90-110	11/07/2025
Sample ID: Turbidity	CCV2	NTU	9.483	10	95	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137840

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.096	0.099	97	90-110	11/10/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV3 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV4 Cyanide	mg/L	0.25	0.25	100	90-110	11/10/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137852

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.97	1	97	90-110	11/11/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.95	1	95	90-110	11/11/2025
Sample ID: CCV2 Ammonia as N	mg/L	0.96	1	96	90-110	11/11/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.97	1	97	90-110	11/11/2025
Sample ID: CCV4 Ammonia as N	mg/L	0.96	1	96	90-110	11/11/2025
Sample ID: CCV5 Ammonia as N	mg/L	0.99	1	99	90-110	11/11/2025
Sample ID: CCV6 Ammonia as N	mg/L	0.94	1	94	90-110	11/11/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137861

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TOC	mg/L	10.2	10	102	90-110	10/06/2025
Sample ID: CCV1 TOC	mg/L	0.95	1.0	95	90-110	11/12/2025
Sample ID: CCV2 TOC	mg/L	9.8	10	98	90-110	11/12/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137870

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TKN	mg/L	5.1	5	102	90-110	11/12/2025
Sample ID: CCV1 TKN	mg/L	5	5	100	90-110	11/12/2025
Sample ID: CCV2 TKN	mg/L	5	5	100	90-110	11/12/2025
Sample ID: CCV3 TKN	mg/L	5.1	5	102	90-110	11/12/2025
Sample ID: CCV4 TKN	mg/L	5.1	5	102	90-110	11/12/2025
Sample ID: CCV5 TKN	mg/L	5	5	100	90-110	11/12/2025
Sample ID: CCV6 TKN	mg/L	5.2	5	104	90-110	11/12/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/03/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: CCB4							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: CCB5							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: CCB6							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137817

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Turbidity	NTU	0.162	0.5000	J	0.15	1.0	11/07/2025
Sample ID: CCB1 Turbidity	NTU	0.171	0.5000	J	0.15	1	11/07/2025
Sample ID: CCB2 Turbidity	NTU	0.162	0.5000	J	0.15	1	11/07/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137840

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025
Sample ID: CCB4 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/10/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137852

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB5 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025
Sample ID: CCB6 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	11/11/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137861

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TOC	mg/L	< 0.5000	0.5000	U	0.35	1	10/06/2025
Sample ID: CCB1 TOC	mg/L	< 0.5000	0.5000	U	0.35	1	11/12/2025
Sample ID: CCB2 TOC	mg/L	< 0.5000	0.5000	U	0.35	1	11/12/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137870

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB1 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB2 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB3 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB4 TKN	mg/L	0.16	0.2500	J	0.11	0.5	11/12/2025
Sample ID: CCB5 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB6 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025

Preparation Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137803BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/06/2025
Sample ID: LB137803BLW2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: LB137805BL							
TDS	mg/L	1	5.0000	J	1.0	10	11/06/2025
Sample ID: LB137812BL							
TSS	mg/L	< 2.0000	2.0000	U	1	4	11/07/2025
Sample ID: LB137817BL							
Turbidity	NTU	0.177	0.5000	J	0.15	1.0	11/07/2025
Sample ID: LB137854BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	11/06/2025
Sample ID: LB137861BLW							
TOC	mg/L	0.35	0.5000	J	0.35	1	11/12/2025
Sample ID: LB137863BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	11/14/2025
Sample ID: LB137903BL							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	11/14/2025
Sample ID: PB170442BL							
Cyanide	mg/L	< 0.1250	0.1250	U	0.048	0.25	11/10/2025
Sample ID: PB170466BL							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	11/11/2025
Sample ID: PB170510BL							
TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3551-01
Client ID:	MANHOLEMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.50		0.37	U	10	1	95		11/06/2025
Chloride	mg/L	80-120	166	OR	170	OR	3	1	-133	*	11/06/2025
Fluoride	mg/L	80-120	2.40		0.11	U	2	1	120		11/06/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		11/06/2025
Nitrate	mg/L	80-120	2.50		0.18	J	2.5	1	93		11/06/2025
Sulfate	mg/L	80-120	40.4	OR	27.0		15	1	89		11/06/2025
Orthophosphate as P	mg/L	80-120	10.4		5.30		5	1	102		11/06/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3551-01
Client ID:	MANHOLEMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.3		0.37	U	10	1	103		11/06/2025
Chloride	mg/L	80-120	166	OR	170	OR	3	1	-133	*	11/06/2025
Fluoride	mg/L	80-120	2.60		0.11	U	2	1	130	*	11/06/2025
Nitrite	mg/L	80-120	3.10		0.074	U	3	1	103		11/06/2025
Nitrate	mg/L	80-120	2.70		0.18	J	2.5	1	101		11/06/2025
Sulfate	mg/L	80-120	41.5	OR	27.0		15	1	97		11/06/2025
Orthophosphate as P	mg/L	80-120	10.0		5.30		5	1	94		11/06/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-04
Client ID:	MW-10MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TKN	mg/L	75-125	7.30		2.90		5	1	88		11/12/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-04
Client ID:	MW-10MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TKN	mg/L	75-125	7.20		2.90		5	1	86		11/12/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-01
Client ID:	SY-10DMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	9.10	OR	8.10	OR	1	1	100		11/11/2025
Cyanide	mg/L	75-125	1.90		0.047	U	1.96078	1	97		11/10/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-01
Client ID:	SY-10DMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	9.10	OR	8.10	OR	1	1	100		11/11/2025
Cyanide	mg/L	75-125	2.00		0.047	U	1.94175	1	103		11/10/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-03
Client ID:	SY-10SMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/L	85-115	8.50		1.00		10	1	75	*	11/12/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-03
Client ID:	SY-10SMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/L	85-115	9.50		1.00		10	1	85		11/12/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3551-01
Client ID:	MANHOLEMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Chloride	mg/L	+/-20	166	OR	166	OR	1	0		11/06/2025
Sulfate	mg/L	+/-20	40.4	OR	41.5	OR	1	3		11/06/2025
Orthophosphate as P	mg/L	+/-20	10.4		10.0		1	4		11/06/2025
Nitrite	mg/L	+/-20	2.90		3.10		1	7		11/06/2025
Bromide	mg/L	+/-20	9.50		10.3		1	8		11/06/2025
Fluoride	mg/L	+/-20	2.40		2.60		1	8		11/06/2025
Nitrate	mg/L	+/-20	2.50		2.70		1	8		11/06/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3551-04
Client ID:	MANHOLEDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TSS	mg/L	+/-5	48.0		48.2		1	0.42		11/07/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-04
Client ID:	MW-10DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TKN	mg/L	+/-20	2.90		2.70		1	7		11/12/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-04
Client ID:	MW-10MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TKN	mg/L	+/-20	7.30		7.20		1	1		11/12/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3552-05
Client ID:	MW-3DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TDS	mg/L	+/-5	1410		1410		1	0.07		11/06/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc. Project: Syosset Landfill 2025 Client ID: SY-10DDUP	SDG No.: Q3560 Sample ID: Q3560-01 Percent Solids for Spike Sample: 0
---	--

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
pH	pH	+/-20	6.11		6.13		1	0.33		11/06/2025
Cyanide	mg/L	+/-20	0.047	U	0.047	U	1	0		11/10/2025
Ammonia as N	mg/L	+/-20	8.10	OR	8.10	OR	1	0		11/11/2025
BOD5	mg/L	+/-20	21.1		21.1		1	0.05		11/06/2025
Alkalinity	mg/L	+/-20	138		136		1	1		11/14/2025
Ammonia as N	mg/L	+/-20	7.40	D	7.40	D	10	0		11/11/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-01
Client ID:	SY-10DMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	1.90		2.00		1	5		11/10/2025
Ammonia as N	mg/L	+/-20	9.10	OR	9.10	OR	1	0		11/11/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-03
Client ID:	SY-10SDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Alkalinity	mg/L	+/-20	8.40		8.00		1	4.88		11/14/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-03
Client ID:	SY-10SMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/L	+/-15	8.50		9.50		1	11		11/12/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3560
Project:	Syosset Landfill 2025	Sample ID:	Q3560-09
Client ID:	SY-12DDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Turbidity	NTU	+/-20	0.31	J	0.31	J	1	0.97		11/07/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137803

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137803BSW							
Bromide	mg/L	10	10.2		102	1	90-110	11/06/2025
Chloride	mg/L	3	3.10		103	1	90-110	11/06/2025
Fluoride	mg/L	2	2.00		100	1	90-110	11/06/2025
Nitrite	mg/L	3	3.00		100	1	90-110	11/06/2025
Nitrate	mg/L	2.5	2.50		100	1	90-110	11/06/2025
Sulfate	mg/L	15	15.2		101	1	90-110	11/06/2025
Orthophosphate as P	mg/L	5	4.80		96	1	90-110	11/06/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137803

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137803BSW2							
Bromide	mg/L	10	10.5		105	1	90-110	11/07/2025
Chloride	mg/L	3	3.20		107	1	90-110	11/07/2025
Fluoride	mg/L	2	2.10		105	1	90-110	11/07/2025
Nitrite	mg/L	3	3.10		103	1	90-110	11/07/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	11/07/2025
Sulfate	mg/L	15	15.5		103	1	90-110	11/07/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	11/07/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137805

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137805BS							
TDS	mg/L	100	94.0		94	1	90-110	11/06/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137812

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137812BS							
TSS	mg/L	550	531		96	1	90-110	11/07/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137854

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137854BS							
BOD5	mg/L	198	178		90	1	84.6-115.4	11/06/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137861

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137861BSW							
TOC	mg/L	10	9.50		95	1	90-110	11/12/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137863

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137863BSW							
Alkalinity	mg/L	50	54.3		109	1	80-120	11/14/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137903

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137903BS							
Alkalinity	mg/L	50	42.2		84	1	80-120	11/14/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137840

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170442BS							
Cyanide	mg/L	5	4.90		98	1	85-115	11/10/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137852

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170466BS							
Ammonia as N	mg/L	1	0.97		97	1	90-110	11/11/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137870

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170510BS							
TKN	mg/L	5	5.10		102	1	90-110	11/12/2025