

DATA PACKAGE

GENERAL CHEMISTRY
METALS
VOLATILE ORGANICS

PROJECT NAME : SYOSSET LANDFILL 2025

LOCKWOOD, KESSLER & BARTLETT, INC.

1 Aerial Way

Syosset, NY - 11791-

Phone No: 516-938-0600

ORDER ID : Q3202

ATTENTION : John Gerlach



Laboratory Certification ID # 20012



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Order ID : Q3202

Project ID : Syosset Landfill 2025

Client : Lockwood, Kessler & Bartlett, Inc.

Lab Sample Number

Q3202-01
Q3202-02
Q3202-03
Q3202-04
Q3202-05
Q3202-06
Q3202-07
Q3202-08
Q3202-09
Q3202-10
Q3202-11
Q3202-12
Q3202-13
Q3202-14
Q3202-15
Q3202-16
Q3202-17
Q3202-18
Q3202-19

Client Sample Number

SY-6
SY-6
SY-2R
SY-2R
SY-2D
SY-2D
SY-5
SY-5
SY-3DD
SY-3DD
SY-3D
SY-3D
SY-3DMS
SY-3DMS
SY-3DMSD
SY-3DMSD
SY-3
SY3
TB

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 12:15 pm, Oct 08, 2025

Date: 10/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Lockwood, Kessler & Bartlett, Inc.

Project Name: Syosset Landfill 2025

Project # N/A

Order ID # Q3202

Test Name: VOCMS Group1,Dissolved Metals Group5,Metals

Group4,Alkalinity,Ammonia,Anions Group1,BOD5,pH,TDS,TKN,Total Nitrogen,TSS,Turbidity

A. Number of Samples and Date of Receipt:

19 Water samples were received on 09/24/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1,Dissolved Metals Group5,Metals Group4,Alkalinity,Ammonia,Anions Group1,BOD5,pH,TDS,TKN,Total Nitrogen,TSS,Turbidity. This data package contains results for VOCMS Group1(8260D),Dissolved Metals Group5(6010D),Metals Group4(6010D),Alkalinity(SM2320 B),Ammonia(SM4500-NH3),Anions Group1(300.0),BOD5(SM5210 B),pH(SM 4500-H B),TDS(SM2540 C),TKN(SM4500 N Org B or C),Total Nitrogen(Cal),TSS(SM2540 D),Turbidity(SM2130 B).

C. Analytical Techniques:

VOCMS Group1 : The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group1 was based on method 8260D.

Dissolved Metals Group5,Metals Group4 : The analysis of Dissolved Metals Group5,Metals Group4 was based on method 6010D and digestion based on method 3010 (waters).

Wetchem : The analysis of Anions Group1 was based on method 300.0, The analysis of Total Nitrogen was based on method Cal, The analysis of pH was based on method SM 4500-H B, The analysis of Turbidity was based on method SM2130 B, The analysis of Alkalinity was based on method SM2320 B, The analysis of TDS was based on method SM2540 C, The analysis of TSS was based on method SM2540 D, The analysis of TKN was based on method SM4500 N Org B or C, The analysis of Ammonia was based on method SM4500-NH3 and The analysis of BOD5 was based on method SM5210 B.

D. QA/ QC Samples:

The Holding Times were met for all analysis except following

Wetchem : SY-2D of pH, for SY-2R of pH, for SY-3 of pH, for SY-3D of pH, for SY-3DD of pH, for SY-5 of pH, for SY-6 of pH as samples were receive out of holding time.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

SY-6 of Nitrate and Nitrite as sample was analyzed out of holding time. SY-6 of TDS, for SY-2R of TDS as samples were analyzed out of holding time.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following VOCMS Group1 : The MS {Q3202-13MS} with File ID: VX048032.D recoveries met the requirements for all compounds except for Methyl iodide [76%] due to matrix interference.

Wetchem : The Matrix Spike (SY-3DMS) analysis met criteria for all compounds except for Chloride due to sample matrix interference.

The MSD recoveries met the requirements for all compounds except following VOCMS Group1 : The MSD {Q3202-15MSD} with File ID: VX048033.D recoveries met the requirements for all compounds except for 1,2-Dibromoethane[120%] due to matrix interference.

Dissolved Metals Group5, Metals Group4 : The Matrix Spike Duplicate (SY-3DMSD) analysis met criteria for all compounds except for Barium due to Chemical Interference during Digestion process.

Wetchem : The Matrix Spike Duplicate (SY-3DMSD) analysis met criteria for all compounds except for Chloride due to sample matrix interference.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds except following VOCMS Group1 : The Blank Spike for {VX1006WBS02} with File ID: VX048014.D met requirements for all compounds except for Methyl iodide [67%], trans-1,4-Dichloro-2-butene[78%] are failing marginally low therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

Wetchem : Sample SY-2R was diluted due to high concentrations for Chloride & Sample SY-2D was diluted due to high concentrations for Chloride & Sample SY-5 was diluted due to high concentrations for Chloride & Sample SY-3D was diluted due to high concentrations for Ammonia as N,TKN,Chloride,Sulfate & Sample SY-3DDL was diluted due to high concentrations for Chloride & Sample SY-3 was diluted due to high concentrations for Ammonia as N,Chloride.

The Duplicate analysis met criteria for all compounds except following
Dissolved Metals Group5, Metals Group4 : The Duplicate (SY-3DMSD) analysis met
criteria for all compounds except for Iron due to Chemical interference during Digestion
process.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

Wetchem : Due to very turbid matrix Q3202-11 was performed with 2X straight dilution
and Q3202-17 was performed with 100X straight dilution for Turbidity parameter.

Dissolved Metals Group5, Metals Group4 : Sample Q3202-01, Q3202-03, Q3202-05,
Q3202-07, Q3202-09, Q3202-11, Q3202-17 Analyzed as Total Metal and Sample
Q3202-02, Q3202-04, Q3202-06, Q3202-08, Q3202-10, Q3202-12, Q3202-18 Analyzed
as Dissolved Metal.

VOCMS Group1 : Alliance has analyzed samples for VOCMS Group1 by Method 8260D
for Project "Syosset Landfill 2025". Alliance is not certified for trans-1,4-dichloro-2-
butene compounds with NJDEP for 8260D method for VOCMS Group1 at the time when
samples for Project "Syosset Landfill 2025" were analyzed.

Trip Blank was not provided with this set of samples.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information
on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the
contract, both technically and for completeness, for other than the conditions detailed
above. The laboratory manager or his designee, as verified by the following signature has
authorized release of the data contained in this hard copy data package.

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 12:18 pm, Oct 08, 2025

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3202

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/08/2025

LAB CHRONICLE

OrderID:	Q3202	OrderDate:	9/25/2025 11:08:00 AM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Syosset Landfill 2025
Contact:	John Gerlach	Location:	I63,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3202-01	SY-6	Water	VOCMS Group1	8260-Low	09/23/25		10/03/25	09/24/25
Q3202-03	SY-2R	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-05	SY-2D	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-07	SY-5	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-09	SY-3DD	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-11	SY-3D	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-17	SY-3	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-19	TB	Water	VOCMS Group1	8260-Low	09/24/25		10/06/25	09/24/25

Hit Summary Sheet
SW-846

SDG No.: Q3202
Client: Lockwood, Kessler & Bartlett, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q3202-07	SY-5 SY-5	Water	Acetone	1.50	J	1.50	5.00	ug/L
			Total Voc :	1.50				
			Total Concentration:	1.50				
Client ID: Q3202-11	SY-3D SY-3D	Water	Acetone	2.00	J	1.50	5.00	ug/L
			Total Voc :	2.00				
			Total Concentration:	2.00				
Client ID: Q3202-17	SY-3 SY-3	Water	Acetone	7.20		1.50	5.00	ug/L
Q3202-17	SY-3	Water	Carbon Disulfide	1.30		0.21	1.00	ug/L
			Total Voc :	8.50				
			Total Concentration:	8.50				



SAMPLE DATA

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-6	SDG No.:	Q3202
Lab Sample ID:	Q3202-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047991.D	1	10/03/25 14:11	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-6	SDG No.:	Q3202
Lab Sample ID:	Q3202-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047991.D	1	10/03/25 14:11	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.3		77 - 121	117%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	130000	5.543			
540-36-3	1,4-Difluorobenzene	265000	6.75			
3114-55-4	Chlorobenzene-d5	278000	10.036			
3855-82-1	1,4-Dichlorobenzene-d4	147000	12.006			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2R	SDG No.:	Q3202
Lab Sample ID:	Q3202-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048025.D	1	10/06/25 15:31	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.8		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.1		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	122000	5.544			
540-36-3	1,4-Difluorobenzene	252000	6.751			
3114-55-4	Chlorobenzene-d5	265000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	135000	12.006			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2D	SDG No.:	Q3202
Lab Sample ID:	Q3202-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048026.D	1	10/06/25 15:51	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2D	SDG No.:	Q3202
Lab Sample ID:	Q3202-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048026.D	1	10/06/25 15:51	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.5		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.7		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	132000	5.544			
540-36-3	1,4-Difluorobenzene	275000	6.751			
3114-55-4	Chlorobenzene-d5	286000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	145000	12.006			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5	SDG No.:	Q3202
Lab Sample ID:	Q3202-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048027.D	1	10/06/25 16:12	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5	SDG No.:	Q3202
Lab Sample ID:	Q3202-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048027.D	1	10/06/25 16:12	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.8		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	47.8		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	120000	5.538			
540-36-3	1,4-Difluorobenzene	246000	6.751			
3114-55-4	Chlorobenzene-d5	257000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	132000	12.006			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DD	SDG No.:	Q3202
Lab Sample ID:	Q3202-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048028.D	1	10/06/25 16:33	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DD	SDG No.:	Q3202
Lab Sample ID:	Q3202-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048028.D	1	10/06/25 16:33	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.9		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	131000	5.544			
540-36-3	1,4-Difluorobenzene	266000	6.751			
3114-55-4	Chlorobenzene-d5	280000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	141000	12.006			

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.		Date Collected:	09/23/25	
Project:	Syosset Landfill 2025		Date Received:	09/24/25	
Client Sample ID:	SY-3D		SDG No.:	Q3202	
Lab Sample ID:	Q3202-11		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048031.D	1	10/06/25 17:35	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	2.00	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3D	SDG No.:	Q3202
Lab Sample ID:	Q3202-11	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048031.D	1	10/06/25 17:35	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.9		74 - 125	114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		75 - 124	105%	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						
363-72-4	Pentafluorobenzene	124000	5.544			
540-36-3	1,4-Difluorobenzene	256000	6.751			
3114-55-4	Chlorobenzene-d5	274000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	140000	12.006			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3	SDG No.:	Q3202
Lab Sample ID:	Q3202-17	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048029.D	1	10/06/25 16:54	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	7.20		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.30		0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3	SDG No.:	Q3202
Lab Sample ID:	Q3202-17	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048029.D	1	10/06/25 16:54	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.0		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.8		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	109000	5.544			
540-36-3	1,4-Difluorobenzene	222000	6.751			
3114-55-4	Chlorobenzene-d5	231000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	114000	12.006			

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.	Date Collected:	09/24/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	TB	SDG No.:	Q3202
Lab Sample ID:	Q3202-19	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048013.D	1	10/06/25 11:13	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/24/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	TB	SDG No.:	Q3202
Lab Sample ID:	Q3202-19	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048013.D	1	10/06/25 11:13	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	47.3		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	157000	5.538			
540-36-3	1,4-Difluorobenzene	323000	6.745			
3114-55-4	Chlorobenzene-d5	328000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	161000	12.006			

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.: **Q3202**

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

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3202-01	SY-6	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	58.3	117		77	121
Q3202-03	SY-2R	1,2-Dichloroethane-d4	50	53.4	107		74	125
		Dibromofluoromethane	50	49.9	100		75	124
		Toluene-d8	50	48.8	98		86	113
		4-Bromofluorobenzene	50	57.1	114		77	121
Q3202-05	SY-2D	1,2-Dichloroethane-d4	50	54.5	109		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	56.7	113		77	121
Q3202-07	SY-5	1,2-Dichloroethane-d4	50	52.8	106		74	125
		Dibromofluoromethane	50	49.7	99		75	124
		Toluene-d8	50	47.8	96		86	113
		4-Bromofluorobenzene	50	56.0	112		77	121
Q3202-09	SY-3DD	1,2-Dichloroethane-d4	50	54.0	108		74	125
		Dibromofluoromethane	50	51.1	102		75	124
		Toluene-d8	50	49.9	100		86	113
		4-Bromofluorobenzene	50	56.9	114		77	121
Q3202-11	SY-3D	1,2-Dichloroethane-d4	50	56.9	114		74	125
		Dibromofluoromethane	50	52.7	105		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	57.3	115		77	121
Q3202-13MS	SY-3DMS	1,2-Dichloroethane-d4	50	62.4	125		74	125
		Dibromofluoromethane	50	58.8	118		75	124
		Toluene-d8	50	54.1	108		86	113
		4-Bromofluorobenzene	50	58.0	116		77	121
Q3202-15MSD	SY-3DMSD	1,2-Dichloroethane-d4	50	57.0	114		74	125
		Dibromofluoromethane	50	55.2	110		75	124
		Toluene-d8	50	53.9	108		86	113
		4-Bromofluorobenzene	50	54.6	109		77	121
Q3202-17	SY-3	1,2-Dichloroethane-d4	50	52.4	105		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	55.9	112		77	121
Q3202-19	TB	1,2-Dichloroethane-d4	50	50.8	102		74	125
		Dibromofluoromethane	50	48.7	97		75	124
		Toluene-d8	50	47.3	95		86	113
		4-Bromofluorobenzene	50	53.6	107		77	121
VX1003WBL01	VX1003WBL01	1,2-Dichloroethane-d4	50	56.6	113		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	49.4	99		86	113
		4-Bromofluorobenzene	50	57.0	114		77	121
VX1003WBS02	VX1003WBS02	1,2-Dichloroethane-d4	50	53.6	107		74	125
		Dibromofluoromethane	50	55.1	110		75	124
		Toluene-d8	50	53.6	107		86	113
		4-Bromofluorobenzene	50	54.0	108		77	121
VX1006WBL01	VX1006WBL01	1,2-Dichloroethane-d4	50	51.8	104		74	125
		Dibromofluoromethane	50	49.4	99		75	124

Surrogate Summary

SDG No.: Q3202

Client: Lockwood, Kessler & Bartlett, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX1006WBL01	VX1006WBL01	Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	54.9	110		77	121
VX1006WBS02	VX1006WBS02	1,2-Dichloroethane-d4	50	43.1	86		74	125
		Dibromofluoromethane	50	47.4	95		75	124
		Toluene-d8	50	47.3	95		86	113
		4-Bromofluorobenzene	50	46.8	94		77	121

A

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3202

Analytical Method: SW8260-Low

Client: Lockwood, Kessler & Bartlett

Datafile : VX048032.D

										Limits	
Parameter	Spike	Sample	Result	Units	Rec		RPD		Low	High	RPD
		Result			Qual	RPD	Qual				
Lab Sample ID :	Q3202-13MS	Client Sample ID :	SY-3DMS								
Vinyl chloride	50	0	47.9	ug/L	96				69	125	
Chloroethane	50	0	51.0	ug/L	102				70	141	
Trichlorofluoromethane	50	0	48.4	ug/L	97				72	124	
1,1-Dichloroethene	50	0	49.5	ug/L	99				53	162	
Acrylonitrile	250	0	310	ug/L	124				60	146	
Acetone	250	2.00	230	ug/L	91				44	150	
Carbon disulfide	50	0	43.6	ug/L	87				44	135	
Methylene Chloride	50	0	54.9	ug/L	110				79	115	
Vinyl Acetate	250	0	270	ug/L	108				50	175	
2-Butanone	250	0	290	ug/L	116				67	137	
Carbon Tetrachloride	50	0	46.8	ug/L	94				66	133	
cis-1,2-Dichloroethene	50	0	53.8	ug/L	108				82	124	
Bromochloromethane	50	0	59.9	ug/L	120				72	130	
Chloroform	50	0	57.7	ug/L	115				83	119	
1,1,1-Trichloroethane	50	0	52.8	ug/L	106				83	117	
Benzene	50	0	51.0	ug/L	102				81	128	
1,2-Dichloropropane	50	0	53.5	ug/L	107				85	116	
Dibromomethane	50	0	54.6	ug/L	109				71	132	
Bromodichloromethane	50	0	55.7	ug/L	111				54	157	
4-Methyl-2-Pentanone	250	0	300	ug/L	120				72	137	
Toluene	50	0	50.7	ug/L	101				85	115	
t-1,3-Dichloropropene	50	0	51.7	ug/L	103				60	141	
cis-1,3-Dichloropropene	50	0	51.1	ug/L	102				36	161	
2-Hexanone	250	0	280	ug/L	112				75	131	
Dibromochloromethane	50	0	58.4	ug/L	117				59	164	
1,2-Dibromoethane	50	0	56.7	ug/L	113				85	119	
Tetrachloroethene	50	0	42.5	ug/L	85				48	153	
Chlorobenzene	50	0	48.6	ug/L	97				85	114	
1,1,1,2-Tetrachloroethane	50	0	51.5	ug/L	103				69	129	
Ethyl Benzene	50	0	46.2	ug/L	92				81	128	
m/p-Xylenes	100	0	94.1	ug/L	94				69	129	
o-Xylene	50	0	47.9	ug/L	96				75	127	
Styrene	50	0	49.0	ug/L	98				84	128	
Bromoform	50	0	54.3	ug/L	109				73	147	
1,1,2,2-Tetrachloroethane	50	0	49.7	ug/L	99				81	131	
1,2,3-Trichloropropane	50	0	50.1	ug/L	100				68	128	
1,4-Dichlorobenzene	50	0	43.9	ug/L	88				81	111	
1,2-Dichlorobenzene	50	0	44.9	ug/L	90				82	113	
1,2-Dibromo-3-Chloropropane	50	0	46.6	ug/L	93				79	137	
Methyl iodide	50	0	37.8	ug/L	76		*		77	120	
trans-1,4-Dichloro-2-butene	50	0	41.3	ug/L	83				24	124	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3202

Analytical Method: SW8260-Low

Client: Lockwood, Kessler & Bartlett

Datafile : VX048033.D

Limits											
Parameter	Spike	Sample	Result	Units	Rec		RPD		Low	High	RPD
		Result			Qual	RPD	Qual				
Lab Sample ID :	Q3202-15MSD	Client Sample ID :	SY-3DMSD								
Vinyl chloride	50	0	48.9	ug/L	98		2		69	125	20
Chloroethane	50	0	50.3	ug/L	101		1		70	141	20
Trichlorofluoromethane	50	0	48.8	ug/L	98		1		72	124	20
1,1-Dichloroethene	50	0	49.9	ug/L	100		1		53	162	20
Acrylonitrile	250	0	310	ug/L	124		0		60	146	20
Acetone	250	2.00	230	ug/L	91		0		44	150	20
Carbon disulfide	50	0	44.0	ug/L	88		1		44	135	20
Methylene Chloride	50	0	55.1	ug/L	110		0		79	115	20
Vinyl Acetate	250	0	280	ug/L	112		4		50	175	20
2-Butanone	250	0	280	ug/L	112		4		67	137	20
Carbon Tetrachloride	50	0	48.7	ug/L	97		4		66	133	20
cis-1,2-Dichloroethene	50	0	56.6	ug/L	113		5		82	124	20
Bromochloromethane	50	0	60.2	ug/L	120		0		72	130	20
Chloroform	50	0	59.2	ug/L	118		3		83	119	20
1,1,1-Trichloroethane	50	0	54.3	ug/L	109		3		83	117	20
Benzene	50	0	52.6	ug/L	105		3		81	128	20
1,2-Dichloropropane	50	0	56.3	ug/L	113		5		85	116	20
Dibromomethane	50	0	56.5	ug/L	113		3		71	132	20
Bromodichloromethane	50	0	58.8	ug/L	118		5		54	157	20
4-Methyl-2-Pentanone	250	0	300	ug/L	120		0		72	137	20
Toluene	50	0	53.6	ug/L	107		6		85	115	20
t-1,3-Dichloropropene	50	0	55.1	ug/L	110		6		60	141	20
cis-1,3-Dichloropropene	50	0	53.9	ug/L	108		5		36	161	20
2-Hexanone	250	0	290	ug/L	116		4		75	131	20
Dibromochloromethane	50	0	61.5	ug/L	123		5		59	164	20
1,2-Dibromoethane	50	0	60.0	ug/L	120	*	6		85	119	20
Tetrachloroethene	50	0	45.8	ug/L	92		7		48	153	20
Chlorobenzene	50	0	52.6	ug/L	105		8		85	114	20
1,1,1,2-Tetrachloroethane	50	0	55.2	ug/L	110		7		69	129	20
Ethyl Benzene	50	0	50.3	ug/L	101		8		81	128	20
m/p-Xylenes	100	0	100	ug/L	100		6		69	129	20
o-Xylene	50	0	52.3	ug/L	105		9		75	127	20
Styrene	50	0	53.2	ug/L	106		8		84	128	20
Bromoform	50	0	58.4	ug/L	117		7		73	147	20
1,1,2,2-Tetrachloroethane	50	0	57.3	ug/L	115		14		81	131	20
1,2,3-Trichloropropane	50	0	49.7	ug/L	99		1		68	128	20
1,4-Dichlorobenzene	50	0	51.0	ug/L	102		15		81	111	20
1,2-Dichlorobenzene	50	0	52.5	ug/L	105		16		82	113	20
1,2-Dibromo-3-Chloropropane	50	0	53.1	ug/L	106		13		79	137	20
Methyl iodide	50	0	46.1	ug/L	92		20		77	120	20
trans-1,4-Dichloro-2-butene	50	0	48.2	ug/L	96		15		24	124	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3202	Analytical Method:	SW8260-Low
Client:	Lockwood, Kessler & Bartlett, Inc.	Datafile :	VX047986.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1003WBS02	Vinyl chloride	20	18.1	ug/L	91			65	117	
	Chloroethane	20	18.2	ug/L	91			56	128	
	Trichlorofluoromethane	20	18.9	ug/L	95			73	115	
	1,1-Dichloroethene	20	18.2	ug/L	91			74	110	
	Acrylonitrile	100	96.8	ug/L	97			73	113	
	Acetone	100	75.3	ug/L	75			60	125	
	Carbon disulfide	20	16.4	ug/L	82			64	112	
	Methylene Chloride	20	19.6	ug/L	98			72	114	
	Vinyl Acetate	100	94.6	ug/L	95			76	115	
	2-Butanone	100	85.5	ug/L	86			65	122	
	Carbon Tetrachloride	20	19.0	ug/L	95			77	113	
	cis-1,2-Dichloroethene	20	19.3	ug/L	97			77	110	
	Bromochloromethane	20	20.3	ug/L	102			70	124	
	Chloroform	20	20.4	ug/L	102			79	113	
	1,1,1-Trichloroethane	20	19.8	ug/L	99			80	108	
	Benzene	20	19.6	ug/L	98			82	109	
	1,2-Dichloropropane	20	20.4	ug/L	102			83	111	
	Dibromomethane	20	20.4	ug/L	102			82	110	
	Bromodichloromethane	20	20.9	ug/L	104			83	110	
	4-Methyl-2-Pentanone	100	96.3	ug/L	96			74	118	
	Toluene	20	19.4	ug/L	97			82	110	
	t-1,3-Dichloropropene	20	19.3	ug/L	97			79	110	
	cis-1,3-Dichloropropene	20	19.6	ug/L	98			82	110	
	2-Hexanone	100	88.5	ug/L	89			73	117	
	Dibromochloromethane	20	21.2	ug/L	106			82	110	
	1,2-Dibromoethane	20	20.7	ug/L	104			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	20.4	ug/L	102			84	111	
	Ethyl Benzene	20	18.7	ug/L	94			83	109	
	m/p-Xylenes	40	37.8	ug/L	95			82	110	
	o-Xylene	20	19.1	ug/L	96			83	109	
	Styrene	20	19.0	ug/L	95			80	111	
	Bromoform	20	19.9	ug/L	100			79	109	
	1,1,2,2-Tetrachloroethane	20	19.7	ug/L	99			76	118	
	1,2,3-Trichloropropane	20	19.2	ug/L	96			75	112	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	18.9	ug/L	95			82	109	
	1,2-Dibromo-3-Chloropropane	20	16.4	ug/L	82			68	112	
	Methyl iodide	20	16.0	ug/L	80			70	130	
	trans-1,4-Dichloro-2-butene	20	15.9	ug/L	79			79	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3202	Analytical Method:	SW8260-Low
Client:	Lockwood, Kessler & Bartlett, Inc.	Datafile :	VX048014.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1006WBS02	Vinyl chloride	20	17.2	ug/L	86			65	117	
	Chloroethane	20	17.1	ug/L	86			56	128	
	Trichlorofluoromethane	20	18.7	ug/L	94			73	115	
	1,1-Dichloroethene	20	17.7	ug/L	89			74	110	
	Acrylonitrile	100	91.1	ug/L	91			73	113	
	Acetone	100	78.1	ug/L	78			60	125	
	Carbon disulfide	20	15.9	ug/L	79			64	112	
	Methylene Chloride	20	16.7	ug/L	84			72	114	
	Vinyl Acetate	100	85.0	ug/L	85			76	115	
	2-Butanone	100	85.2	ug/L	85			65	122	
	Carbon Tetrachloride	20	19.6	ug/L	98			77	113	
	cis-1,2-Dichloroethene	20	17.4	ug/L	87			77	110	
	Bromochloromethane	20	19.0	ug/L	95			70	124	
	Chloroform	20	18.6	ug/L	93			79	113	
	1,1,1-Trichloroethane	20	18.9	ug/L	95			80	108	
	Benzene	20	18.2	ug/L	91			82	109	
	1,2-Dichloropropane	20	19.2	ug/L	96			83	111	
	Dibromomethane	20	18.7	ug/L	94			82	110	
	Bromodichloromethane	20	19.0	ug/L	95			83	110	
	4-Methyl-2-Pentanone	100	95.7	ug/L	96			74	118	
	Toluene	20	18.9	ug/L	95			82	110	
	t-1,3-Dichloropropene	20	17.7	ug/L	89			79	110	
	cis-1,3-Dichloropropene	20	18.6	ug/L	93			82	110	
	2-Hexanone	100	92.1	ug/L	92			73	117	
	Dibromochloromethane	20	20.0	ug/L	100			82	110	
	1,2-Dibromoethane	20	19.2	ug/L	96			81	110	
	Tetrachloroethene	20	18.7	ug/L	94			67	123	
	Chlorobenzene	20	18.7	ug/L	94			82	109	
	1,1,1,2-Tetrachloroethane	20	19.4	ug/L	97			84	111	
	Ethyl Benzene	20	18.4	ug/L	92			83	109	
	m/p-Xylenes	40	37.6	ug/L	94			82	110	
	o-Xylene	20	18.4	ug/L	92			83	109	
	Styrene	20	18.2	ug/L	91			80	111	
	Bromoform	20	19.1	ug/L	96			79	109	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94			76	118	
	1,2,3-Trichloropropane	20	18.5	ug/L	93			75	112	
	1,4-Dichlorobenzene	20	17.9	ug/L	90			82	107	
	1,2-Dichlorobenzene	20	17.8	ug/L	89			82	109	
	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85			68	112	
	Methyl iodide	20	13.3	ug/L	67		*	70	130	
	trans-1,4-Dichloro-2-butene	20	15.6	ug/L	78		*	79	102	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1003WBL01

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3202

Lab File ID: VX047983.D

Lab Sample ID: VX1003WBL01

Date Analyzed: 10/03/2025

Time Analyzed: 10:16

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1003WBS02	VX1003WBS02	VX047986.D	10/03/2025
SY-6	Q3202-01	VX047991.D	10/03/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1006WBL01

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3202

Lab File ID: VX048011.D

Lab Sample ID: VX1006WBL01

Date Analyzed: 10/06/2025

Time Analyzed: 09:44

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TB	Q3202-19	VX048013.D	10/06/2025
VX1006WBS02	VX1006WBS02	VX048014.D	10/06/2025
SY-2R	Q3202-03	VX048025.D	10/06/2025
SY-2D	Q3202-05	VX048026.D	10/06/2025
SY-5	Q3202-07	VX048027.D	10/06/2025
SY-3DD	Q3202-09	VX048028.D	10/06/2025
SY-3	Q3202-17	VX048029.D	10/06/2025
SY-3D	Q3202-11	VX048031.D	10/06/2025
SY-3DMS	Q3202-13MS	VX048032.D	10/06/2025
SY-3DMSD	Q3202-15MSD	VX048033.D	10/06/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX047584.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: LOCK01
SDG NO.: Q3202
BFB Injection Date: 09/16/2025
BFB Injection Time: 08:56
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (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
VSTDIC001	VSTDIC001	VX047585.D	09/16/2025	09:23
VSTDIC005	VSTDIC005	VX047586.D	09/16/2025	10:16
VSTDIC020	VSTDIC020	VX047587.D	09/16/2025	10:37
VSTDIC050	VSTDIC050	VX047588.D	09/16/2025	10:58
VSTDIC100	VSTDIC100	VX047589.D	09/16/2025	11:40
VSTDIC150	VSTDIC150	VX047590.D	09/16/2025	12:01

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3202

Lab File ID: VX047980.D

BFB Injection Date: 10/03/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:35

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.8
75	30.0 - 60.0% of mass 95	53.1
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	0.9 (1.3) 1
174	50.0 - 100.0% of mass 95	67.2
175	5.0 - 9.0% of mass 174	5.2 (7.7) 1
176	95.0 - 101.0% of mass 174	64.1 (95.4) 1
177	5.0 - 9.0% of mass 176	4.1 (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	VX047981.D	10/03/2025	09:35
VX1003WBL01	VX1003WBL01	VX047983.D	10/03/2025	10:16
VX1003WBS02	VX1003WBS02	VX047986.D	10/03/2025	12:22
SY-6	Q3202-01	VX047991.D	10/03/2025	14:11

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3202

Lab File ID: VX048008.D

BFB Injection Date: 10/06/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:12

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	52.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.3
175	5.0 - 9.0% of mass 174	5.4 (7.7) 1
176	95.0 - 101.0% of mass 174	68.5 (97.4) 1
177	5.0 - 9.0% of mass 176	4.4 (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	VX048009.D	10/06/2025	08:54
VX1006WBL01	VX1006WBL01	VX048011.D	10/06/2025	09:44
TB	Q3202-19	VX048013.D	10/06/2025	11:13
VX1006WBS02	VX1006WBS02	VX048014.D	10/06/2025	11:34
SY-2R	Q3202-03	VX048025.D	10/06/2025	15:31
SY-2D	Q3202-05	VX048026.D	10/06/2025	15:51
SY-5	Q3202-07	VX048027.D	10/06/2025	16:12
SY-3DD	Q3202-09	VX048028.D	10/06/2025	16:33
SY-3	Q3202-17	VX048029.D	10/06/2025	16:54
SY-3D	Q3202-11	VX048031.D	10/06/2025	17:35
SY-3DMS	Q3202-13MS	VX048032.D	10/06/2025	17:56
SY-3DMSD	Q3202-15MSD	VX048033.D	10/06/2025	18:17

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01
Lab Code: ACE SDG NO.: Q3202
Lab File ID: VX047981.D Date Analyzed: 10/03/2025
Instrument ID: MSVOA_X Time Analyzed: 09:35
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	131937	5.53	225878	6.74	209083	10.04
UPPER LIMIT	263874	6.031	451756	7.239	418166	10.537
LOWER LIMIT	65968.5	5.031	112939	6.239	104542	9.537
EPA SAMPLE NO.						
SY-6	129645	5.54	264813	6.75	277682	10.04
VX1003WBL01	132031	5.54	278145	6.75	290715	10.04
VX1003WBS02	126673	5.54	223242	6.75	203303	10.04

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: Alliance Contract: LOCK01
 Lab Code: ACE SDG NO.: Q3202
 Lab File ID: VX047981.D Date Analyzed: 10/03/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:35
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	105470	12.00€				
UPPER LIMIT	210940	12.50€				
LOWER LIMIT	52735	11.50€				
EPA SAMPLE NO.						
SY-6	147037	12.01				
VX1003WBL01	147497	12.01				
VX1003WBS02	101886	12.01				

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.: Q3202
Lab File ID: VX048009.D Date Analyzed: 10/06/2025
Instrument ID: MSVOA_X Time Analyzed: 08:54
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	169040	5.53	276640	6.74	239951	10.04
UPPER LIMIT	338080	6.032	553280	7.239	479902	10.537
LOWER LIMIT	84520	5.032	138320	6.239	119976	9.537
EPA SAMPLE NO.						
SY-2R	122057	5.54	251704	6.75	264687	10.04
SY-2D	132008	5.54	274950	6.75	286333	10.04
SY-5	119710	5.54	246037	6.75	256820	10.04
SY-3DD	131013	5.54	265963	6.75	280445	10.04
SY-3D	124280	5.54	255750	6.75	273710	10.04
SY-3DMS	117529	5.54	220472	6.75	210688	10.04
SY-3DMSD	110266	5.54	205395	6.75	191957	10.04
SY-3	109093	5.54	222131	6.75	230729	10.04
TB	157457	5.54	323356	6.75	327577	10.04
VX1006WBL01	163752	5.54	333598	6.75	343343	10.04
VX1006WBS02	164419	5.54	279226	6.75	253325	10.04

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: Alliance Contract: LOCK01
Lab Code: ACE SDG NO.: Q3202
Lab File ID: VX048009.D Date Analyzed: 10/06/2025
Instrument ID: MSVOA_X Time Analyzed: 08:54
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	117957	12				
UPPER LIMIT	235914	12.5				
LOWER LIMIT	58978.5	11.5				
EPA SAMPLE NO.						
SY-2R	135085	12.01				
SY-2D	145340	12.01				
SY-5	131834	12.01				
SY-3DD	140531	12.01				
SY-3D	139753	12.01				
SY-3DMS	111123	12.01				
SY-3DMSD	95020	12.01				
SY-3	114487	12.01				
TB	161049	12.01				
VX1006WBL01	171990	12.01				
VX1006WBS02	126701	12.01				

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.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1003WBL01		SDG No.:	Q3202
Lab Sample ID:	VX1003WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047983.D	1	10/03/25 10:16	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1003WBL01		SDG No.:	Q3202
Lab Sample ID:	VX1003WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047983.D	1	10/03/25 10:16	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.4		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.0		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	132000	5.544			
540-36-3	1,4-Difluorobenzene	278000	6.751			
3114-55-4	Chlorobenzene-d5	291000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	147000	12.006			

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.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1006WBL01		SDG No.:	Q3202
Lab Sample ID:	VX1006WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1006WBL01		SDG No.:	Q3202
Lab Sample ID:	VX1006WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	0.83	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.8		74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	164000	5.544			
540-36-3	1,4-Difluorobenzene	334000	6.745			
3114-55-4	Chlorobenzene-d5	343000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	172000	12.006			

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.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1003WBS02		SDG No.:	Q3202
Lab Sample ID:	VX1003WBS02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047986.D	1	10/03/25 12:22	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	18.1		0.26	1.00	ug/L
75-00-3	Chloroethane	18.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.9		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
107-13-1	Acrylonitrile	96.8		0.83	5.00	ug/L
67-64-1	Acetone	75.3		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.4		0.21	1.00	ug/L
75-09-2	Methylene Chloride	19.6		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	94.6		0.66	5.00	ug/L
78-93-3	2-Butanone	85.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.3		0.22	1.00	ug/L
67-66-3	Chloroform	20.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.8		0.20	1.00	ug/L
71-43-2	Benzene	19.6		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.4		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.4		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	20.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	96.3		0.68	5.00	ug/L
108-88-3	Toluene	19.4		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	1.00	ug/L
591-78-6	2-Hexanone	88.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.4		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	18.7		0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1003WBS02		SDG No.:	Q3202
Lab Sample ID:	VX1003WBS02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047986.D	1	10/03/25 12:22	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	56.9		0.36	3.00	ug/L
95-47-6	o-Xylene	19.1		0.12	1.00	ug/L
100-42-5	Styrene	19.0		0.15	1.00	ug/L
75-25-2	Bromoform	19.9		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.2		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		0.53	1.00	ug/L
74-88-4	Methyl Iodide	16.0		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	15.9		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	55.1		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	53.6		86 - 113	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	127000	5.538			
540-36-3	1,4-Difluorobenzene	223000	6.745			
3114-55-4	Chlorobenzene-d5	203000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	102000	12.006			

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.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1006WBS02		SDG No.:	Q3202
Lab Sample ID:	VX1006WBS02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.2		0.26	1.00	ug/L
75-00-3	Chloroethane	17.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.7		0.23	1.00	ug/L
107-13-1	Acrylonitrile	91.1		0.83	5.00	ug/L
67-64-1	Acetone	78.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.21	1.00	ug/L
75-09-2	Methylene Chloride	16.7		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	85.0		0.66	5.00	ug/L
78-93-3	2-Butanone	85.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.0		0.22	1.00	ug/L
67-66-3	Chloroform	18.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.9		0.20	1.00	ug/L
71-43-2	Benzene	18.2		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.2		0.20	1.00	ug/L
74-95-3	Dibromomethane	18.7		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.7		0.68	5.00	ug/L
108-88-3	Toluene	18.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.6		0.16	1.00	ug/L
591-78-6	2-Hexanone	92.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.7		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.4		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	18.4		0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1006WBS02		SDG No.:	Q3202
Lab Sample ID:	VX1006WBS02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	56.0		0.36	3.00	ug/L
95-47-6	o-Xylene	18.4		0.12	1.00	ug/L
100-42-5	Styrene	18.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.1		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.5		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.53	1.00	ug/L
74-88-4	Methyl Iodide	13.3		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	15.6		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.1		74 - 125	86%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	47.3		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	164000	5.544			
540-36-3	1,4-Difluorobenzene	279000	6.745			
3114-55-4	Chlorobenzene-d5	253000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	127000	12.006			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DMS	SDG No.:	Q3202
Lab Sample ID:	Q3202-13MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048032.D	1	10/06/25 17:56	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	47.9		0.26	1.00	ug/L
75-00-3	Chloroethane	51.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	48.4		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	49.5		0.23	1.00	ug/L
107-13-1	Acrylonitrile	310		0.83	5.00	ug/L
67-64-1	Acetone	230		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	43.6		0.21	1.00	ug/L
75-09-2	Methylene Chloride	54.9		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	270		0.66	5.00	ug/L
78-93-3	2-Butanone	290		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	46.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	53.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	59.9		0.22	1.00	ug/L
67-66-3	Chloroform	57.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	52.8		0.20	1.00	ug/L
71-43-2	Benzene	51.0		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	53.5		0.20	1.00	ug/L
74-95-3	Dibromomethane	54.6		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	55.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	300		0.68	5.00	ug/L
108-88-3	Toluene	50.7		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	51.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	51.1		0.16	1.00	ug/L
591-78-6	2-Hexanone	280		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	58.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	56.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	42.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	48.6		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	51.5		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	46.2		0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DMS	SDG No.:	Q3202
Lab Sample ID:	Q3202-13MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048032.D	1	10/06/25 17:56	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	142		0.36	3.00	ug/L
95-47-6	o-Xylene	47.9		0.12	1.00	ug/L
100-42-5	Styrene	49.0		0.15	1.00	ug/L
75-25-2	Bromoform	54.3		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	49.7		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	50.1		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	44.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	46.6		0.53	1.00	ug/L
74-88-4	Methyl Iodide	37.8		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	41.3		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.4		74 - 125	125%	SPK: 50
1868-53-7	Dibromofluoromethane	58.8		75 - 124	118%	SPK: 50
2037-26-5	Toluene-d8	54.1		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.0		77 - 121	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.544			
540-36-3	1,4-Difluorobenzene	220000	6.745			
3114-55-4	Chlorobenzene-d5	211000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	111000	12.006			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DMSD	SDG No.:	Q3202
Lab Sample ID:	Q3202-15MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048033.D	1	10/06/25 18:17	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	152		0.36	3.00	ug/L
95-47-6	o-Xylene	52.3		0.12	1.00	ug/L
100-42-5	Styrene	53.2		0.15	1.00	ug/L
75-25-2	Bromoform	58.4		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	57.3		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	49.7		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	51.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	52.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	53.1		0.53	1.00	ug/L
74-88-4	Methyl Iodide	46.1		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	48.2		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.0		74 - 125	114%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	53.9		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		77 - 121	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	110000	5.544			
540-36-3	1,4-Difluorobenzene	205000	6.745			
3114-55-4	Chlorobenzene-d5	192000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	95000	12.006			

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: <u>Alliance</u>	Contract: <u>LOCK01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3202</u>
Instrument ID: <u>MSVOA_X</u>	Calibration Date(s): <u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:23</u> <u>12:01</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:	RRF001 = VX047585.D		RRF005 = VX047586.D		RRF020 = VX047587.D		RRF050 = VX047588.D		RRF100 = VX047589.D		RRF150 = VX047590.D	
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD				
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9				
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4				
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5				
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7				
Acrylonitrile	0.264	0.329	0.343	0.347	0.343	0.344	0.328	9.8				
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7				
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8				
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5				
Vinyl Acetate	1.541	1.937	2.020	1.992	1.958	1.961	1.901	9.4				
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9				
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6				
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4				
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2				
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7				
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3				
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1				
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4				
Dibromomethane	0.248	0.285	0.289	0.288	0.276	0.277	0.277	5.5				
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7				
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3				
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2				
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3				
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7				
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8				
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5				
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1				
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6				
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2				
1,1,1,2-Tetrachloroethane	0.327	0.404	0.402	0.414	0.404	0.402	0.392	8.3				
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6				

* 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: Alliance Contract: LOCK01
Lab Code: ACE SDG No.: Q3202
Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:								
RRF001 = VX047585.D			RRF005 = VX047586.D			RRF020 = VX047587.D		
RRF050 = VX047588.D			RRF100 = VX047589.D			RRF150 = VX047590.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2
1,2,3-Trichloropropane	0.847	1.023	1.073	1.128	0.939	1.064	1.012	10.1
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4
Methyl Iodide		0.865	0.922	0.911	0.925	0.886	0.902	2.8
trans-1,4-Dichloro-2-butene		0.347	0.381	0.414	0.420	0.424	0.397	8.3

* 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>Q3202</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/03/2025</u> <u>09:35</u>
Lab File ID:	<u>VX047981.D</u>	Init. Calib. Date(s):	<u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23</u> <u>12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.666	0.682		2.4	20
Chloroethane	0.445	0.450		1.12	20
Trichlorofluoromethane	0.989	1.066		7.79	20
1,1-Dichloroethene	0.594	0.609		2.53	20
Acrylonitrile	0.328	0.334		1.83	20
Acetone	0.346	0.321		-7.22	20
Carbon Disulfide	1.626	1.511		-7.07	20
Methylene Chloride	0.732	0.762		4.1	20
Vinyl Acetate	1.901	1.963		3.26	20
2-Butanone	0.432	0.408		-5.56	20
Carbon Tetrachloride	0.532	0.565		6.2	20
cis-1,2-Dichloroethene	0.783	0.827		5.62	20
Bromochloromethane	0.551	0.591		7.26	20
Chloroform	1.276	1.385		8.54	20
1,1,1-Trichloroethane	1.082	1.140		5.36	20
Benzene	1.488	1.585		6.52	20
1,2-Dichloropropane	0.381	0.426		11.81	20
Dibromomethane	0.277	0.304		9.75	20
Bromodichloromethane	0.572	0.655		14.51	20
4-Methyl-2-Pentanone	0.477	0.481		0.84	20
Toluene	0.917	0.989		7.85	20
t-1,3-Dichloropropene	0.584	0.657		12.5	20
cis-1,3-Dichloropropene	0.624	0.698		11.86	20
2-Hexanone	0.343	0.334		-2.62	20
Dibromochloromethane	0.407	0.478		17.44	20
1,2-Dibromoethane	0.360	0.408		13.33	20
Tetrachloroethene	0.326	0.327		0.31	20
Chlorobenzene	1.136	1.205	0.3	6.07	20
1,1,1,2-Tetrachloroethane	0.392	0.436		11.22	20
Ethyl Benzene	1.960	2.036		3.88	20
m/p-Xylenes	0.729	0.772		5.9	20
o-Xylene	0.706	0.741		4.96	20
Styrene	1.236	1.320		6.8	20
Bromoform	0.293	0.314	0.1	7.17	20
1,1,2,2-Tetrachloroethane	1.150	1.146	0.3	-0.35	20
1,2,3-Trichloropropane	1.012	0.917		-9.39	20
1,4-Dichlorobenzene	1.785	1.818		1.85	20
1,2-Dichlorobenzene	1.657	1.703		2.78	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>Q3202</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/03/2025 09:35</u>
Lab File ID:	<u>VX047981.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.233	0.211		-9.44	20
1,2-Dichloroethane-d4	0.796	0.797		0.13	20
Dibromofluoromethane	0.335	0.365		8.95	20
Toluene-d8	1.160	1.215		4.74	20
4-Bromofluorobenzene	0.440	0.468		6.36	20
Methyl Iodide	0.902	0.822		-8.87	20
trans-1,4-Dichloro-2-butene	0.397	0.363		-8.56	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>Q3202</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/06/2025 08:54</u>
Lab File ID:	<u>VX048009.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.666	0.691		3.75	20
Chloroethane	0.445	0.444		-0.22	20
Trichlorofluoromethane	0.989	1.092		10.41	20
1,1-Dichloroethene	0.594	0.601		1.18	20
Acrylonitrile	0.328	0.314		-4.27	20
Acetone	0.346	0.342		-1.16	20
Carbon Disulfide	1.626	1.517		-6.7	20
Methylene Chloride	0.732	0.697		-4.78	20
Vinyl Acetate	1.901	1.777		-6.52	20
2-Butanone	0.432	0.396		-8.33	20
Carbon Tetrachloride	0.532	0.573		7.71	20
cis-1,2-Dichloroethene	0.783	0.750		-4.22	20
Bromochloromethane	0.551	0.549		-0.36	20
Chloroform	1.276	1.253		-1.8	20
1,1,1-Trichloroethane	1.082	1.094		1.11	20
Benzene	1.488	1.493		0.34	20
1,2-Dichloropropane	0.381	0.395		3.67	20
Dibromomethane	0.277	0.275		-0.72	20
Bromodichloromethane	0.572	0.607		6.12	20
4-Methyl-2-Pentanone	0.477	0.457		-4.19	20
Toluene	0.917	0.910		-0.76	20
t-1,3-Dichloropropene	0.584	0.576		-1.37	20
cis-1,3-Dichloropropene	0.624	0.627		0.48	20
2-Hexanone	0.343	0.319		-7	20
Dibromochloromethane	0.407	0.436		7.13	20
1,2-Dibromoethane	0.360	0.364		1.11	20
Tetrachloroethene	0.326	0.330		1.23	20
Chlorobenzene	1.136	1.153	0.3	1.5	20
1,1,1,2-Tetrachloroethane	0.392	0.421		7.4	20
Ethyl Benzene	1.960	1.991		1.58	20
m/p-Xylenes	0.729	0.745		2.19	20
o-Xylene	0.706	0.712		0.85	20
Styrene	1.236	1.248		0.97	20
Bromoform	0.293	0.313	0.1	6.83	20
1,1,2,2-Tetrachloroethane	1.150	1.131	0.3	-1.65	20
1,2,3-Trichloropropane	1.012	0.916		-9.49	20
1,4-Dichlorobenzene	1.785	1.698		-4.87	20
1,2-Dichlorobenzene	1.657	1.632		-1.51	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>Q3202</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/06/2025 08:54</u>
Lab File ID:	<u>VX048009.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.233	0.217		-6.87	20
1,2-Dichloroethane-d4	0.796	0.715		-10.18	20
Dibromofluoromethane	0.335	0.352		5.07	20
Toluene-d8	1.160	1.165		0.43	20
4-Bromofluorobenzene	0.440	0.426		-3.18	20
Methyl Iodide	0.902	0.775		-14.08	20
trans-1,4-Dichloro-2-butene	0.397	0.360		-9.32	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:	Q3202	OrderDate:	9/25/2025 11:08:00 AM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Syosset Landfill 2025
Contact:	John Gerlach	Location:	I63,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3202-01	SY-6	Water	Metals Group4	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-02	SY-6	Water	Dissolved Metals Group5	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-03	SY-2R	Water	Metals Group4	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-04	SY-2R	Water	Dissolved Metals Group5	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-05	SY-2D	Water	Metals Group4	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-06	SY-2D	Water	Dissolved Metals Group5	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-07	SY-5	Water	Metals Group4	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-08	SY-5	Water	Dissolved Metals Group5	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-09	SY-3DD	Water	Metals Group4	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-10	SY-3DD	Water	Dissolved Metals Group5	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-11	SY-3D	Water	Metals Group4	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-12	SY-3D	Water			09/23/25			09/24/25

LAB CHRONICLE

Q3202-17	SY-3	Water	Dissolved Metals Group5	6010D		09/26/25	10/01/25	
			Metals Group4	6010D	09/23/25	09/26/25	10/01/25	09/24/25
Q3202-18	SY-3	Water						
			Dissolved Metals Group5	6010D	09/23/25	09/26/25	10/01/25	09/24/25

Hit Summary Sheet
SW-846

SDG No.: Q3202 **Order ID:** Q3202
Client: Lockwood, Kessler & Bartlett, Inc. **Project ID:** Syosset Landfill 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SY-6								
Q3202-01	SY-6	Water	Barium	71.3		7.28	50.0	ug/L
Q3202-01	SY-6	Water	Chromium	3.94	J	1.06	5.00	ug/L
Q3202-01	SY-6	Water	Copper	31.4		2.30	10.0	ug/L
Q3202-01	SY-6	Water	Lead	1.74	J	1.15	6.00	ug/L
Q3202-01	SY-6	Water	Nickel	5.03	J	1.53	20.0	ug/L
Q3202-01	SY-6	Water	Potassium	975	J	459	1000	ug/L
Q3202-01	SY-6	Water	Sodium	7990		434	1000	ug/L
Q3202-01	SY-6	Water	Zinc	1260		8.33	20.0	ug/L
Client ID : SY-6								
Q3202-02	SY-6	Water	Iron	96.6		11.7	50.0	ug/L
Q3202-02	SY-6	Water	Manganese	13.4		2.97	10.0	ug/L
Client ID : SY-2R								
Q3202-03	SY-2R	Water	Barium	71.7		7.28	50.0	ug/L
Q3202-03	SY-2R	Water	Beryllium	4.16		0.28	3.00	ug/L
Q3202-03	SY-2R	Water	Chromium	1.26	J	1.06	5.00	ug/L
Q3202-03	SY-2R	Water	Cobalt	5.36	J	1.13	15.0	ug/L
Q3202-03	SY-2R	Water	Nickel	26.7		1.53	20.0	ug/L
Q3202-03	SY-2R	Water	Potassium	3170		459	1000	ug/L
Q3202-03	SY-2R	Water	Sodium	153000		434	1000	ug/L
Q3202-03	SY-2R	Water	Zinc	37.5		8.33	20.0	ug/L
Client ID : SY-2R								
Q3202-04	SY-2R	Water	Manganese	22.2		2.97	10.0	ug/L
Client ID : SY-2D								
Q3202-05	SY-2D	Water	Barium	55.3		7.28	50.0	ug/L
Q3202-05	SY-2D	Water	Beryllium	0.36	J	0.28	3.00	ug/L
Q3202-05	SY-2D	Water	Chromium	3.23	J	1.06	5.00	ug/L
Q3202-05	SY-2D	Water	Copper	3.92	J	2.30	10.0	ug/L
Q3202-05	SY-2D	Water	Lead	2.37	J	1.15	6.00	ug/L
Q3202-05	SY-2D	Water	Nickel	2.87	J	1.53	20.0	ug/L
Q3202-05	SY-2D	Water	Potassium	3340		459	1000	ug/L
Q3202-05	SY-2D	Water	Sodium	128000		434	1000	ug/L
Client ID : SY-2D								
Q3202-06	SY-2D	Water	Manganese	77.4		2.97	10.0	ug/L

Hit Summary Sheet SW-846

SDG No.: Q3202 **Order ID:** Q3202
Client: Lockwood, Kessler & Bartlett, Inc. **Project ID:** Syosset Landfill 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SY-5								
Q3202-07	SY-5	Water	Barium	57.1		7.28	50.0	ug/L
Q3202-07	SY-5	Water	Beryllium	0.37	J	0.28	3.00	ug/L
Q3202-07	SY-5	Water	Chromium	3.17	J	1.06	5.00	ug/L
Q3202-07	SY-5	Water	Copper	3.48	J	2.30	10.0	ug/L
Q3202-07	SY-5	Water	Lead	2.01	J	1.15	6.00	ug/L
Q3202-07	SY-5	Water	Nickel	2.92	J	1.53	20.0	ug/L
Q3202-07	SY-5	Water	Potassium	3850		459	1000	ug/L
Q3202-07	SY-5	Water	Sodium	136000		434	1000	ug/L
Client ID : SY-5								
Q3202-08	SY-5	Water	Manganese	75.1		2.97	10.0	ug/L
Client ID : SY-3DD								
Q3202-09	SY-3DD	Water	Lead	1.24	J	1.15	6.00	ug/L
Q3202-09	SY-3DD	Water	Nickel	24.5		1.53	20.0	ug/L
Q3202-09	SY-3DD	Water	Sodium	3790		434	1000	ug/L
Client ID : SY-3DD								
Q3202-10	SY-3DD	Water	Iron	635		11.7	50.0	ug/L
Q3202-10	SY-3DD	Water	Manganese	19.3		2.97	10.0	ug/L
Client ID : SY-3D								
Q3202-11	SY-3D	Water	Arsenic	18.9		2.56	10.0	ug/L
Q3202-11	SY-3D	Water	Barium	213		7.28	50.0	ug/L
Q3202-11	SY-3D	Water	Cobalt	21.0		1.13	15.0	ug/L
Q3202-11	SY-3D	Water	Nickel	2.68	J	1.53	20.0	ug/L
Q3202-11	SY-3D	Water	Potassium	22800		459	1000	ug/L
Q3202-11	SY-3D	Water	Silver	0.97	J	0.81	5.00	ug/L
Q3202-11	SY-3D	Water	Sodium	419000		434	1000	ug/L
Client ID : SY-3D								
Q3202-12	SY-3D	Water	Iron	8030		11.7	50.0	ug/L
Q3202-12	SY-3D	Water	Manganese	1990		2.97	10.0	ug/L
Client ID : SY-3								
Q3202-17	SY-3	Water	Arsenic	77.9		2.56	10.0	ug/L
Q3202-17	SY-3	Water	Barium	607		7.28	50.0	ug/L
Q3202-17	SY-3	Water	Beryllium	10.8		0.28	3.00	ug/L
Q3202-17	SY-3	Water	Cadmium	10.7		0.25	3.00	ug/L
Q3202-17	SY-3	Water	Chromium	180		1.06	5.00	ug/L
Q3202-17	SY-3	Water	Cobalt	118		1.13	15.0	ug/L
Q3202-17	SY-3	Water	Copper	289		2.30	10.0	ug/L

Hit Summary Sheet
SW-846

SDG No.:	Q3202	Order ID:	Q3202
Client:	Lockwood, Kessler & Bartlett, Inc.	Project ID:	Syosset Landfill 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3202-17	SY-3	Water	Lead	292		1.15	6.00	ug/L
Q3202-17	SY-3	Water	Nickel	146		1.53	20.0	ug/L
Q3202-17	SY-3	Water	Potassium	15300		459	1000	ug/L
Q3202-17	SY-3	Water	Silver	4.76	J	0.81	5.00	ug/L
Q3202-17	SY-3	Water	Sodium	111000		434	1000	ug/L
Q3202-17	SY-3	Water	Vanadium	366		3.13	20.0	ug/L
Q3202-17	SY-3	Water	Zinc	213		8.33	20.0	ug/L
Client ID : SY-3								
Q3202-18	SY-3	Water	Iron	6560		11.7	50.0	ug/L
Q3202-18	SY-3	Water	Manganese	2140		2.97	10.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-6	SDG No.:	Q3202
Lab Sample ID:	Q3202-01	Matrix:	Water
Level (low/med):	low	% 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	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-39-3	Barium	71.3	N	1	7.28	50.0	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-47-3	Chromium	3.94	J	1	1.06	5.00	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-50-8	Copper	31.4		1	2.30	10.0	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7439-92-1	Lead	1.74	J	1	1.15	6.00	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-02-0	Nickel	5.03	J	1	1.53	20.0	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-09-7	Potassium	975	J	1	459	1000	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-23-5	Sodium	7990		1	434	1000	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010
7440-66-6	Zinc	1260		1	8.33	20.0	ug/L	09/26/25 10:55	10/01/25 15:34	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-6	SDG No.:	Q3202
Lab Sample ID:	Q3202-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	96.6	*	1	11.7	50.0	ug/L	09/26/25 10:55	10/01/25 15:38	6010D	SW3010
7439-96-5	Manganese	13.4		1	2.97	10.0	ug/L	09/26/25 10:55	10/01/25 15:38	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2R	SDG No.:	Q3202
Lab Sample ID:	Q3202-03	Matrix:	Water
Level (low/med):	low	% 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	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-39-3	Barium	71.7	N	1	7.28	50.0	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-41-7	Beryllium	4.16		1	0.28	3.00	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-47-3	Chromium	1.26	J	1	1.06	5.00	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-48-4	Cobalt	5.36	J	1	1.13	15.0	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-02-0	Nickel	26.7		1	1.53	20.0	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-09-7	Potassium	3170		1	459	1000	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-23-5	Sodium	153000		1	434	1000	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010
7440-66-6	Zinc	37.5		1	8.33	20.0	ug/L	09/26/25 10:55	10/01/25 15:42	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2R	SDG No.:	Q3202
Lab Sample ID:	Q3202-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	11.7	U*	1	11.7	50.0	ug/L	09/26/25 10:55	10/01/25 15:46	6010D	SW3010
7439-96-5	Manganese	22.2		1	2.97	10.0	ug/L	09/26/25 10:55	10/01/25 15:46	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2D	SDG No.:	Q3202
Lab Sample ID:	Q3202-05	Matrix:	Water
Level (low/med):	low	% 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	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-39-3	Barium	55.3	N	1	7.28	50.0	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-41-7	Beryllium	0.36	J	1	0.28	3.00	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-47-3	Chromium	3.23	J	1	1.06	5.00	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-50-8	Copper	3.92	J	1	2.30	10.0	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7439-92-1	Lead	2.37	J	1	1.15	6.00	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-02-0	Nickel	2.87	J	1	1.53	20.0	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-09-7	Potassium	3340		1	459	1000	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-23-5	Sodium	128000		1	434	1000	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	09/26/25 10:55	10/01/25 15:59	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2D	SDG No.:	Q3202
Lab Sample ID:	Q3202-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	11.7	U*	1	11.7	50.0	ug/L	09/26/25 10:55	10/01/25 16:03	6010D	SW3010
7439-96-5	Manganese	77.4		1	2.97	10.0	ug/L	09/26/25 10:55	10/01/25 16:03	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5	SDG No.:	Q3202
Lab Sample ID:	Q3202-07	Matrix:	Water
Level (low/med):	low	% 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	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-39-3	Barium	57.1	N	1	7.28	50.0	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-41-7	Beryllium	0.37	J	1	0.28	3.00	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-47-3	Chromium	3.17	J	1	1.06	5.00	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-50-8	Copper	3.48	J	1	2.30	10.0	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7439-92-1	Lead	2.01	J	1	1.15	6.00	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-02-0	Nickel	2.92	J	1	1.53	20.0	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-09-7	Potassium	3850		1	459	1000	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-23-5	Sodium	136000		1	434	1000	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	09/26/25 10:55	10/01/25 16:08	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5	SDG No.:	Q3202
Lab Sample ID:	Q3202-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	11.7	U*	1	11.7	50.0	ug/L	09/26/25 10:55	10/01/25 16:12	6010D	SW3010
7439-96-5	Manganese	75.1		1	2.97	10.0	ug/L	09/26/25 10:55	10/01/25 16:12	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DD	SDG No.:	Q3202
Lab Sample ID:	Q3202-09	Matrix:	Water
Level (low/med):	low	% 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	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-39-3	Barium	7.28	UN	1	7.28	50.0	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7439-92-1	Lead	1.24	J	1	1.15	6.00	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-02-0	Nickel	24.5		1	1.53	20.0	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-09-7	Potassium	459	U	1	459	1000	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-23-5	Sodium	3790		1	434	1000	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	09/26/25 10:55	10/01/25 16:17	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DD	SDG No.:	Q3202
Lab Sample ID:	Q3202-10	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	635	*	1	11.7	50.0	ug/L	09/26/25 10:55	10/01/25 16:21	6010D	SW3010
7439-96-5	Manganese	19.3		1	2.97	10.0	ug/L	09/26/25 10:55	10/01/25 16:21	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3D	SDG No.:	Q3202
Lab Sample ID:	Q3202-11	Matrix:	Water
Level (low/med):	low	% 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	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-38-2	Arsenic	18.9		1	2.56	10.0	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-39-3	Barium	213	N	1	7.28	50.0	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-48-4	Cobalt	21.0		1	1.13	15.0	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-02-0	Nickel	2.68	J	1	1.53	20.0	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-09-7	Potassium	22800		1	459	1000	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-22-4	Silver	0.97	J	1	0.81	5.00	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-23-5	Sodium	419000		1	434	1000	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	09/26/25 10:55	10/01/25 16:34	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3D	SDG No.:	Q3202
Lab Sample ID:	Q3202-12	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	8030	*	1	11.7	50.0	ug/L	09/26/25 10:55	10/01/25 17:07	6010D	SW3010
7439-96-5	Manganese	1990		1	2.97	10.0	ug/L	09/26/25 10:55	10/01/25 17:07	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3	SDG No.:	Q3202
Lab Sample ID:	Q3202-17	Matrix:	Water
Level (low/med):	low	% 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	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-38-2	Arsenic	77.9		1	2.56	10.0	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-39-3	Barium	607	N	1	7.28	50.0	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-41-7	Beryllium	10.8		1	0.28	3.00	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-43-9	Cadmium	10.7		1	0.25	3.00	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-47-3	Chromium	180		1	1.06	5.00	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-48-4	Cobalt	118		1	1.13	15.0	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-50-8	Copper	289		1	2.30	10.0	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7439-92-1	Lead	292		1	1.15	6.00	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-02-0	Nickel	146		1	1.53	20.0	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-09-7	Potassium	15300		1	459	1000	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-22-4	Silver	4.76	J	1	0.81	5.00	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-23-5	Sodium	111000		1	434	1000	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-62-2	Vanadium	366		1	3.13	20.0	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010
7440-66-6	Zinc	213		1	8.33	20.0	ug/L	09/26/25 10:55	10/01/25 16:25	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3	SDG No.:	Q3202
Lab Sample ID:	Q3202-18	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	6560	*	1	11.7	50.0	ug/L	09/26/25 10:55	10/01/25 16:29	6010D	SW3010
7439-96-5	Manganese	2140		1	2.97	10.0	ug/L	09/26/25 10:55	10/01/25 16:29	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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	4080	4000	102	90 - 110	P	10/01/2025	12:33	LB137389
	Arsenic	3990	4000	100	90 - 110	P	10/01/2025	12:33	LB137389
	Barium	7680	8000	96	90 - 110	P	10/01/2025	12:33	LB137389
	Beryllium	198	200	99	90 - 110	P	10/01/2025	12:33	LB137389
	Cadmium	1970	2000	98	90 - 110	P	10/01/2025	12:33	LB137389
	Chromium	796	800	100	90 - 110	P	10/01/2025	12:33	LB137389
	Cobalt	1960	2000	98	90 - 110	P	10/01/2025	12:33	LB137389
	Copper	1010	1000	101	90 - 110	P	10/01/2025	12:33	LB137389
	Iron	3860	4000	96	90 - 110	P	10/01/2025	12:33	LB137389
	Lead	3860	4000	96	90 - 110	P	10/01/2025	12:33	LB137389
	Manganese	1940	2000	97	90 - 110	P	10/01/2025	12:33	LB137389
	Nickel	1970	2000	98	90 - 110	P	10/01/2025	12:33	LB137389
	Potassium	19100	20000	96	90 - 110	P	10/01/2025	12:33	LB137389
	Selenium	4040	4000	101	90 - 110	P	10/01/2025	12:33	LB137389
	Silver	945	1000	94	90 - 110	P	10/01/2025	12:33	LB137389
	Sodium	18900	20000	94	90 - 110	P	10/01/2025	12:33	LB137389
	Thallium	3950	4000	99	90 - 110	P	10/01/2025	12:33	LB137389
	Vanadium	1930	2000	97	90 - 110	P	10/01/2025	12:33	LB137389
	Zinc	1970	2000	98	90 - 110	P	10/01/2025	12:33	LB137389

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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	49.5	50.0	99	80 - 120	P	10/01/2025	12:41	LB137389
	Arsenic	21.1	20.0	106	80 - 120	P	10/01/2025	12:41	LB137389
	Barium	98.9	100	99	80 - 120	P	10/01/2025	12:41	LB137389
	Beryllium	6.29	6.0	105	80 - 120	P	10/01/2025	12:41	LB137389
	Cadmium	5.97	6.0	99	80 - 120	P	10/01/2025	12:41	LB137389
	Chromium	9.87	10.0	99	80 - 120	P	10/01/2025	12:41	LB137389
	Cobalt	30.0	30.0	100	80 - 120	P	10/01/2025	12:41	LB137389
	Copper	21.3	20.0	106	80 - 120	P	10/01/2025	12:41	LB137389
	Iron	107	100	107	80 - 120	P	10/01/2025	12:41	LB137389
	Lead	11.1	12.0	93	80 - 120	P	10/01/2025	12:41	LB137389
	Manganese	20.9	20.0	104	80 - 120	P	10/01/2025	12:41	LB137389
	Nickel	40.0	40.0	100	80 - 120	P	10/01/2025	12:41	LB137389
	Potassium	1880	2000	94	80 - 120	P	10/01/2025	12:41	LB137389
	Selenium	20.5	20.0	102	80 - 120	P	10/01/2025	12:41	LB137389
	Silver	9.94	10.0	99	80 - 120	P	10/01/2025	12:41	LB137389
	Sodium	1870	2000	94	80 - 120	P	10/01/2025	12:41	LB137389
	Thallium	42.8	40.0	107	80 - 120	P	10/01/2025	12:41	LB137389
	Vanadium	40.9	40.0	102	80 - 120	P	10/01/2025	12:41	LB137389
	Zinc	41.5	40.0	104	80 - 120	P	10/01/2025	12:41	LB137389

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

SDG No.: Q3202
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Antimony	4990	5000	100	90 - 110	P	10/01/2025	13:10	LB137389
	Arsenic	5020	5000	100	90 - 110	P	10/01/2025	13:10	LB137389
	Barium	10000	10000	100	90 - 110	P	10/01/2025	13:10	LB137389
	Beryllium	254	250	101	90 - 110	P	10/01/2025	13:10	LB137389
	Cadmium	2490	2500	100	90 - 110	P	10/01/2025	13:10	LB137389
	Chromium	1000	1000	100	90 - 110	P	10/01/2025	13:10	LB137389
	Cobalt	2480	2500	99	90 - 110	P	10/01/2025	13:10	LB137389
	Copper	1260	1250	100	90 - 110	P	10/01/2025	13:10	LB137389
	Iron	4920	5000	98	90 - 110	P	10/01/2025	13:10	LB137389
	Lead	4950	5000	99	90 - 110	P	10/01/2025	13:10	LB137389
	Manganese	2520	2500	101	90 - 110	P	10/01/2025	13:10	LB137389
	Nickel	2490	2500	99	90 - 110	P	10/01/2025	13:10	LB137389
	Potassium	24500	25000	98	90 - 110	P	10/01/2025	13:10	LB137389
	Selenium	5030	5000	101	90 - 110	P	10/01/2025	13:10	LB137389
	Silver	1250	1250	100	90 - 110	P	10/01/2025	13:10	LB137389
	Sodium	24700	25000	99	90 - 110	P	10/01/2025	13:10	LB137389
	Thallium	5200	5000	104	90 - 110	P	10/01/2025	13:10	LB137389
	Vanadium	2500	2500	100	90 - 110	P	10/01/2025	13:10	LB137389
	Zinc	2510	2500	100	90 - 110	P	10/01/2025	13:10	LB137389
CCV02	Antimony	5000	5000	100	90 - 110	P	10/01/2025	14:02	LB137389
	Arsenic	5030	5000	101	90 - 110	P	10/01/2025	14:02	LB137389
	Barium	9940	10000	99	90 - 110	P	10/01/2025	14:02	LB137389
	Beryllium	250	250	100	90 - 110	P	10/01/2025	14:02	LB137389
	Cadmium	2500	2500	100	90 - 110	P	10/01/2025	14:02	LB137389
	Chromium	996	1000	100	90 - 110	P	10/01/2025	14:02	LB137389
	Cobalt	2480	2500	99	90 - 110	P	10/01/2025	14:02	LB137389
	Copper	1260	1250	100	90 - 110	P	10/01/2025	14:02	LB137389
	Iron	4910	5000	98	90 - 110	P	10/01/2025	14:02	LB137389
	Lead	4960	5000	99	90 - 110	P	10/01/2025	14:02	LB137389
	Manganese	2490	2500	100	90 - 110	P	10/01/2025	14:02	LB137389
	Nickel	2490	2500	100	90 - 110	P	10/01/2025	14:02	LB137389
	Potassium	25100	25000	100	90 - 110	P	10/01/2025	14:02	LB137389
	Selenium	5070	5000	101	90 - 110	P	10/01/2025	14:02	LB137389
	Silver	1240	1250	99	90 - 110	P	10/01/2025	14:02	LB137389

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3202

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Sodium	24400	25000	98	90 - 110	P	10/01/2025	14:02	LB137389
	Thallium	5110	5000	102	90 - 110	P	10/01/2025	14:02	LB137389
	Vanadium	2490	2500	100	90 - 110	P	10/01/2025	14:02	LB137389
	Zinc	2470	2500	99	90 - 110	P	10/01/2025	14:02	LB137389
CCV03	Antimony	5070	5000	102	90 - 110	P	10/01/2025	15:00	LB137389
	Arsenic	5090	5000	102	90 - 110	P	10/01/2025	15:00	LB137389
	Barium	10100	10000	101	90 - 110	P	10/01/2025	15:00	LB137389
	Beryllium	254	250	102	90 - 110	P	10/01/2025	15:00	LB137389
	Cadmium	2540	2500	102	90 - 110	P	10/01/2025	15:00	LB137389
	Chromium	1010	1000	101	90 - 110	P	10/01/2025	15:00	LB137389
	Cobalt	2530	2500	101	90 - 110	P	10/01/2025	15:00	LB137389
	Copper	1280	1250	102	90 - 110	P	10/01/2025	15:00	LB137389
	Iron	4980	5000	100	90 - 110	P	10/01/2025	15:00	LB137389
	Lead	5050	5000	101	90 - 110	P	10/01/2025	15:00	LB137389
	Manganese	2540	2500	102	90 - 110	P	10/01/2025	15:00	LB137389
	Nickel	2540	2500	102	90 - 110	P	10/01/2025	15:00	LB137389
	Potassium	24700	25000	99	90 - 110	P	10/01/2025	15:00	LB137389
	Selenium	5080	5000	102	90 - 110	P	10/01/2025	15:00	LB137389
	Silver	1250	1250	100	90 - 110	P	10/01/2025	15:00	LB137389
	Sodium	24400	25000	98	90 - 110	P	10/01/2025	15:00	LB137389
	Thallium	5030	5000	101	90 - 110	P	10/01/2025	15:00	LB137389
	Vanadium	2530	2500	101	90 - 110	P	10/01/2025	15:00	LB137389
	Zinc	2530	2500	101	90 - 110	P	10/01/2025	15:00	LB137389
CCV04	Antimony	5030	5000	101	90 - 110	P	10/01/2025	15:51	LB137389
	Arsenic	5040	5000	101	90 - 110	P	10/01/2025	15:51	LB137389
	Barium	10000	10000	100	90 - 110	P	10/01/2025	15:51	LB137389
	Beryllium	257	250	103	90 - 110	P	10/01/2025	15:51	LB137389
	Cadmium	2520	2500	101	90 - 110	P	10/01/2025	15:51	LB137389
	Chromium	1020	1000	102	90 - 110	P	10/01/2025	15:51	LB137389
	Cobalt	2510	2500	100	90 - 110	P	10/01/2025	15:51	LB137389
	Copper	1270	1250	101	90 - 110	P	10/01/2025	15:51	LB137389
	Iron	4960	5000	99	90 - 110	P	10/01/2025	15:51	LB137389
	Lead	5000	5000	100	90 - 110	P	10/01/2025	15:51	LB137389
	Manganese	2520	2500	101	90 - 110	P	10/01/2025	15:51	LB137389

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

SDG No.: Q3202
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Nickel	2510	2500	100	90 - 110	P	10/01/2025	15:51	LB137389
	Potassium	25100	25000	101	90 - 110	P	10/01/2025	15:51	LB137389
	Selenium	5050	5000	101	90 - 110	P	10/01/2025	15:51	LB137389
	Silver	1260	1250	101	90 - 110	P	10/01/2025	15:51	LB137389
	Sodium	24900	25000	100	90 - 110	P	10/01/2025	15:51	LB137389
	Thallium	4960	5000	99	90 - 110	P	10/01/2025	15:51	LB137389
	Vanadium	2510	2500	100	90 - 110	P	10/01/2025	15:51	LB137389
	Zinc	2540	2500	102	90 - 110	P	10/01/2025	15:51	LB137389
CCV05	Antimony	5000	5000	100	90 - 110	P	10/01/2025	16:42	LB137389
	Arsenic	4990	5000	100	90 - 110	P	10/01/2025	16:42	LB137389
	Barium	9950	10000	100	90 - 110	P	10/01/2025	16:42	LB137389
	Beryllium	251	250	100	90 - 110	P	10/01/2025	16:42	LB137389
	Cadmium	2500	2500	100	90 - 110	P	10/01/2025	16:42	LB137389
	Chromium	1010	1000	101	90 - 110	P	10/01/2025	16:42	LB137389
	Cobalt	2480	2500	99	90 - 110	P	10/01/2025	16:42	LB137389
	Copper	1260	1250	100	90 - 110	P	10/01/2025	16:42	LB137389
	Iron	4990	5000	100	90 - 110	P	10/01/2025	16:42	LB137389
	Lead	4960	5000	99	90 - 110	P	10/01/2025	16:42	LB137389
	Manganese	2490	2500	100	90 - 110	P	10/01/2025	16:42	LB137389
	Nickel	2490	2500	100	90 - 110	P	10/01/2025	16:42	LB137389
	Potassium	27100	25000	109	90 - 110	P	10/01/2025	16:42	LB137389
	Selenium	5020	5000	100	90 - 110	P	10/01/2025	16:42	LB137389
	Silver	1250	1250	100	90 - 110	P	10/01/2025	16:42	LB137389
	Sodium	25800	25000	103	90 - 110	P	10/01/2025	16:42	LB137389
	Thallium	4890	5000	98	90 - 110	P	10/01/2025	16:42	LB137389
	Vanadium	2490	2500	100	90 - 110	P	10/01/2025	16:42	LB137389
	Zinc	2520	2500	101	90 - 110	P	10/01/2025	16:42	LB137389
	Antimony	5110	5000	102	90 - 110	P	10/01/2025	17:32	LB137389
CCV06	Arsenic	5130	5000	102	90 - 110	P	10/01/2025	17:32	LB137389
	Barium	9920	10000	99	90 - 110	P	10/01/2025	17:32	LB137389
	Beryllium	251	250	100	90 - 110	P	10/01/2025	17:32	LB137389
	Cadmium	2530	2500	101	90 - 110	P	10/01/2025	17:32	LB137389
	Chromium	1010	1000	101	90 - 110	P	10/01/2025	17:32	LB137389
	Cobalt	2520	2500	101	90 - 110	P	10/01/2025	17:32	LB137389

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

SDG No.: Q3202
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Copper	1280	1250	102	90 - 110	P	10/01/2025	17:32	LB137389
	Iron	4940	5000	99	90 - 110	P	10/01/2025	17:32	LB137389
	Lead	5030	5000	100	90 - 110	P	10/01/2025	17:32	LB137389
	Manganese	2500	2500	100	90 - 110	P	10/01/2025	17:32	LB137389
	Nickel	2530	2500	101	90 - 110	P	10/01/2025	17:32	LB137389
	Potassium	27100	25000	108	90 - 110	P	10/01/2025	17:32	LB137389
	Selenium	5180	5000	104	90 - 110	P	10/01/2025	17:32	LB137389
	Silver	1240	1250	99	90 - 110	P	10/01/2025	17:32	LB137389
	Sodium	25500	25000	102	90 - 110	P	10/01/2025	17:32	LB137389
	Thallium	5010	5000	100	90 - 110	P	10/01/2025	17:32	LB137389
	Vanadium	2510	2500	100	90 - 110	P	10/01/2025	17:32	LB137389
	Zinc	2520	2500	101	90 - 110	P	10/01/2025	17:32	LB137389
CCV07	Antimony	5040	5000	101	90 - 110	P	10/01/2025	18:28	LB137389
	Arsenic	5040	5000	101	90 - 110	P	10/01/2025	18:28	LB137389
	Barium	10000	10000	100	90 - 110	P	10/01/2025	18:28	LB137389
	Beryllium	246	250	98	90 - 110	P	10/01/2025	18:28	LB137389
	Cadmium	2500	2500	100	90 - 110	P	10/01/2025	18:28	LB137389
	Chromium	1000	1000	100	90 - 110	P	10/01/2025	18:28	LB137389
	Cobalt	2500	2500	100	90 - 110	P	10/01/2025	18:28	LB137389
	Copper	1260	1250	101	90 - 110	P	10/01/2025	18:28	LB137389
	Iron	5110	5000	102	90 - 110	P	10/01/2025	18:28	LB137389
	Lead	4970	5000	99	90 - 110	P	10/01/2025	18:28	LB137389
	Manganese	2510	2500	100	90 - 110	P	10/01/2025	18:28	LB137389
	Nickel	2500	2500	100	90 - 110	P	10/01/2025	18:28	LB137389
	Potassium	26100	25000	104	90 - 110	P	10/01/2025	18:28	LB137389
	Selenium	5050	5000	101	90 - 110	P	10/01/2025	18:28	LB137389
	Silver	1250	1250	100	90 - 110	P	10/01/2025	18:28	LB137389
	Sodium	25100	25000	100	90 - 110	P	10/01/2025	18:28	LB137389
	Thallium	4950	5000	99	90 - 110	P	10/01/2025	18:28	LB137389
	Vanadium	2510	2500	100	90 - 110	P	10/01/2025	18:28	LB137389
	Zinc	2520	2500	101	90 - 110	P	10/01/2025	18:28	LB137389
CCV08	Antimony	4940	5000	99	90 - 110	P	10/01/2025	19:19	LB137389
	Arsenic	4930	5000	99	90 - 110	P	10/01/2025	19:19	LB137389
	Barium	9710	10000	97	90 - 110	P	10/01/2025	19:19	LB137389

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

SDG No.: Q3202
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Beryllium	248	250	99	90 - 110	P	10/01/2025	19:19	LB137389
	Cadmium	2450	2500	98	90 - 110	P	10/01/2025	19:19	LB137389
	Chromium	992	1000	99	90 - 110	P	10/01/2025	19:19	LB137389
	Cobalt	2440	2500	98	90 - 110	P	10/01/2025	19:19	LB137389
	Copper	1230	1250	99	90 - 110	P	10/01/2025	19:19	LB137389
	Iron	4870	5000	97	90 - 110	P	10/01/2025	19:19	LB137389
	Lead	4860	5000	97	90 - 110	P	10/01/2025	19:19	LB137389
	Manganese	2450	2500	98	90 - 110	P	10/01/2025	19:19	LB137389
	Nickel	2440	2500	98	90 - 110	P	10/01/2025	19:19	LB137389
	Potassium	24700	25000	99	90 - 110	P	10/01/2025	19:19	LB137389
	Selenium	4960	5000	99	90 - 110	P	10/01/2025	19:19	LB137389
	Silver	1230	1250	99	90 - 110	P	10/01/2025	19:19	LB137389
	Sodium	23800	25000	95	90 - 110	P	10/01/2025	19:19	LB137389
	Thallium	4620	5000	92	90 - 110	P	10/01/2025	19:19	LB137389
	Vanadium	2470	2500	99	90 - 110	P	10/01/2025	19:19	LB137389
	Zinc	2500	2500	100	90 - 110	P	10/01/2025	19:19	LB137389

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3202
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	50.1	50.0	100	65 - 135	P	10/01/2025	12:49	LB137389
	Arsenic	21.9	20.0	110	65 - 135	P	10/01/2025	12:49	LB137389
	Barium	97.8	100	98	65 - 135	P	10/01/2025	12:49	LB137389
	Beryllium	6.36	6.0	106	65 - 135	P	10/01/2025	12:49	LB137389
	Cadmium	5.93	6.0	99	65 - 135	P	10/01/2025	12:49	LB137389
	Chromium	10.4	10.0	104	65 - 135	P	10/01/2025	12:49	LB137389
	Cobalt	29.6	30.0	99	65 - 135	P	10/01/2025	12:49	LB137389
	Copper	21.3	20.0	106	65 - 135	P	10/01/2025	12:49	LB137389
	Iron	103	100	103	65 - 135	P	10/01/2025	12:49	LB137389
	Lead	11.5	12.0	96	65 - 135	P	10/01/2025	12:49	LB137389
	Manganese	21.7	20.0	109	65 - 135	P	10/01/2025	12:49	LB137389
	Nickel	39.8	40.0	100	65 - 135	P	10/01/2025	12:49	LB137389
	Potassium	1910	2000	96	65 - 135	P	10/01/2025	12:49	LB137389
	Selenium	19.0	20.0	95	65 - 135	P	10/01/2025	12:49	LB137389
	Silver	10.1	10.0	101	65 - 135	P	10/01/2025	12:49	LB137389
	Sodium	1930	2000	96	65 - 135	P	10/01/2025	12:49	LB137389
	Thallium	42.2	40.0	105	65 - 135	P	10/01/2025	12:49	LB137389
	Vanadium	40.6	40.0	102	65 - 135	P	10/01/2025	12:49	LB137389
	Zinc	41.8	40.0	105	65 - 135	P	10/01/2025	12:49	LB137389



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.: Q3202

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	10/01/2025	12:45	LB137389
	Arsenic	5.12	+/-10	U	20.0	P	10/01/2025	12:45	LB137389
	Barium	14.6	+/-50	U	100	P	10/01/2025	12:45	LB137389
	Beryllium	0.56	+/-3	U	6.00	P	10/01/2025	12:45	LB137389
	Cadmium	0.50	+/-3	U	6.00	P	10/01/2025	12:45	LB137389
	Chromium	2.12	+/-5	U	10.0	P	10/01/2025	12:45	LB137389
	Cobalt	2.26	+/-15	U	30.0	P	10/01/2025	12:45	LB137389
	Copper	4.60	+/-10	U	20.0	P	10/01/2025	12:45	LB137389
	Iron	23.4	+/-50	U	100	P	10/01/2025	12:45	LB137389
	Lead	2.30	+/-6	U	12.0	P	10/01/2025	12:45	LB137389
	Manganese	5.94	+/-10	U	20.0	P	10/01/2025	12:45	LB137389
	Nickel	3.06	+/-20	U	40.0	P	10/01/2025	12:45	LB137389
	Potassium	918	+/-1000	U	2000	P	10/01/2025	12:45	LB137389
	Selenium	9.64	+/-10	U	20.0	P	10/01/2025	12:45	LB137389
	Silver	1.62	+/-5	U	10.0	P	10/01/2025	12:45	LB137389
	Sodium	868	+/-1000	U	2000	P	10/01/2025	12:45	LB137389
	Thallium	4.38	+/-20	U	40.0	P	10/01/2025	12:45	LB137389
	Vanadium	6.26	+/-20	U	40.0	P	10/01/2025	12:45	LB137389
	Zinc	16.7	+/-20	U	40.0	P	10/01/2025	12:45	LB137389

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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	10/01/2025	13:14	LB137389
	Arsenic	5.12	+/-10	U	20.0	P	10/01/2025	13:14	LB137389
	Barium	14.6	+/-50	U	100	P	10/01/2025	13:14	LB137389
	Beryllium	0.56	+/-3	U	6.00	P	10/01/2025	13:14	LB137389
	Cadmium	0.50	+/-3	U	6.00	P	10/01/2025	13:14	LB137389
	Chromium	2.12	+/-5	U	10.0	P	10/01/2025	13:14	LB137389
	Cobalt	2.26	+/-15	U	30.0	P	10/01/2025	13:14	LB137389
	Copper	4.60	+/-10	U	20.0	P	10/01/2025	13:14	LB137389
	Iron	23.4	+/-50	U	100	P	10/01/2025	13:14	LB137389
	Lead	2.30	+/-6	U	12.0	P	10/01/2025	13:14	LB137389
	Manganese	5.94	+/-10	U	20.0	P	10/01/2025	13:14	LB137389
	Nickel	3.06	+/-20	U	40.0	P	10/01/2025	13:14	LB137389
	Potassium	918	+/-1000	U	2000	P	10/01/2025	13:14	LB137389
	Selenium	9.64	+/-10	U	20.0	P	10/01/2025	13:14	LB137389
	Silver	1.62	+/-5	U	10.0	P	10/01/2025	13:14	LB137389
	Sodium	868	+/-1000	U	2000	P	10/01/2025	13:14	LB137389
	Thallium	4.38	+/-20	U	40.0	P	10/01/2025	13:14	LB137389
	Vanadium	6.26	+/-20	U	40.0	P	10/01/2025	13:14	LB137389
	Zinc	16.7	+/-20	U	40.0	P	10/01/2025	13:14	LB137389
CCB02	Antimony	6.76	+/-25	U	50.0	P	10/01/2025	14:06	LB137389
	Arsenic	5.12	+/-10	U	20.0	P	10/01/2025	14:06	LB137389
	Barium	14.6	+/-50	U	100	P	10/01/2025	14:06	LB137389
	Beryllium	0.56	+/-3	U	6.00	P	10/01/2025	14:06	LB137389
	Cadmium	0.50	+/-3	U	6.00	P	10/01/2025	14:06	LB137389
	Chromium	2.12	+/-5	U	10.0	P	10/01/2025	14:06	LB137389
	Cobalt	2.26	+/-15	U	30.0	P	10/01/2025	14:06	LB137389
	Copper	4.60	+/-10	U	20.0	P	10/01/2025	14:06	LB137389
	Iron	23.4	+/-50	U	100	P	10/01/2025	14:06	LB137389
	Lead	2.30	+/-6	U	12.0	P	10/01/2025	14:06	LB137389
	Manganese	5.94	+/-10	U	20.0	P	10/01/2025	14:06	LB137389
	Nickel	3.06	+/-20	U	40.0	P	10/01/2025	14:06	LB137389
	Potassium	918	+/-1000	U	2000	P	10/01/2025	14:06	LB137389
	Selenium	9.64	+/-10	U	20.0	P	10/01/2025	14:06	LB137389
	Silver	1.62	+/-5	U	10.0	P	10/01/2025	14:06	LB137389
	Sodium	868	+/-1000	U	2000	P	10/01/2025	14:06	LB137389
	Thallium	4.38	+/-20	U	40.0	P	10/01/2025	14:06	LB137389
	Vanadium	6.26	+/-20	U	40.0	P	10/01/2025	14:06	LB137389
	Zinc	16.7	+/-20	U	40.0	P	10/01/2025	14:06	LB137389
CCB03	Antimony	6.76	+/-25	U	50.0	P	10/01/2025	15:04	LB137389

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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	10/01/2025	15:04	LB137389
	Barium	14.6	+/-50	U	100	P	10/01/2025	15:04	LB137389
	Beryllium	0.56	+/-3	U	6.00	P	10/01/2025	15:04	LB137389
	Cadmium	0.50	+/-3	U	6.00	P	10/01/2025	15:04	LB137389
	Chromium	2.12	+/-5	U	10.0	P	10/01/2025	15:04	LB137389
	Cobalt	2.26	+/-15	U	30.0	P	10/01/2025	15:04	LB137389
	Copper	4.60	+/-10	U	20.0	P	10/01/2025	15:04	LB137389
	Iron	23.4	+/-50	U	100	P	10/01/2025	15:04	LB137389
	Lead	2.30	+/-6	U	12.0	P	10/01/2025	15:04	LB137389
	Manganese	5.94	+/-10	U	20.0	P	10/01/2025	15:04	LB137389
	Nickel	3.06	+/-20	U	40.0	P	10/01/2025	15:04	LB137389
	Potassium	918	+/-1000	U	2000	P	10/01/2025	15:04	LB137389
	Selenium	9.64	+/-10	U	20.0	P	10/01/2025	15:04	LB137389
	Silver	1.62	+/-5	U	10.0	P	10/01/2025	15:04	LB137389
	Sodium	868	+/-1000	U	2000	P	10/01/2025	15:04	LB137389
	Thallium	4.38	+/-20	U	40.0	P	10/01/2025	15:04	LB137389
	Vanadium	6.26	+/-20	U	40.0	P	10/01/2025	15:04	LB137389
	Zinc	16.7	+/-20	U	40.0	P	10/01/2025	15:04	LB137389
CCB04	Antimony	6.76	+/-25	U	50.0	P	10/01/2025	15:55	LB137389
	Arsenic	5.12	+/-10	U	20.0	P	10/01/2025	15:55	LB137389
	Barium	14.6	+/-50	U	100	P	10/01/2025	15:55	LB137389
	Beryllium	0.56	+/-3	U	6.00	P	10/01/2025	15:55	LB137389
	Cadmium	0.50	+/-3	U	6.00	P	10/01/2025	15:55	LB137389
	Chromium	2.12	+/-5	U	10.0	P	10/01/2025	15:55	LB137389
	Cobalt	2.26	+/-15	U	30.0	P	10/01/2025	15:55	LB137389
	Copper	4.60	+/-10	U	20.0	P	10/01/2025	15:55	LB137389
	Iron	23.4	+/-50	U	100	P	10/01/2025	15:55	LB137389
	Lead	2.30	+/-6	U	12.0	P	10/01/2025	15:55	LB137389
	Manganese	5.94	+/-10	U	20.0	P	10/01/2025	15:55	LB137389
	Nickel	3.06	+/-20	U	40.0	P	10/01/2025	15:55	LB137389
	Potassium	918	+/-1000	U	2000	P	10/01/2025	15:55	LB137389
	Selenium	9.64	+/-10	U	20.0	P	10/01/2025	15:55	LB137389
	Silver	1.62	+/-5	U	10.0	P	10/01/2025	15:55	LB137389
	Sodium	868	+/-1000	U	2000	P	10/01/2025	15:55	LB137389
	Thallium	4.38	+/-20	U	40.0	P	10/01/2025	15:55	LB137389
	Vanadium	6.26	+/-20	U	40.0	P	10/01/2025	15:55	LB137389
	Zinc	16.7	+/-20	U	40.0	P	10/01/2025	15:55	LB137389
CCB05	Antimony	6.76	+/-25	U	50.0	P	10/01/2025	16:46	LB137389
	Arsenic	5.12	+/-10	U	20.0	P	10/01/2025	16:46	LB137389

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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	10/01/2025	16:46	LB137389
	Beryllium	0.56	+/-3	U	6.00	P	10/01/2025	16:46	LB137389
	Cadmium	0.50	+/-3	U	6.00	P	10/01/2025	16:46	LB137389
	Chromium	2.12	+/-5	U	10.0	P	10/01/2025	16:46	LB137389
	Cobalt	2.26	+/-15	U	30.0	P	10/01/2025	16:46	LB137389
	Copper	4.60	+/-10	U	20.0	P	10/01/2025	16:46	LB137389
	Iron	23.4	+/-50	U	100	P	10/01/2025	16:46	LB137389
	Lead	2.30	+/-6	U	12.0	P	10/01/2025	16:46	LB137389
	Manganese	5.94	+/-10	U	20.0	P	10/01/2025	16:46	LB137389
	Nickel	3.06	+/-20	U	40.0	P	10/01/2025	16:46	LB137389
	Potassium	918	+/-1000	U	2000	P	10/01/2025	16:46	LB137389
	Selenium	9.64	+/-10	U	20.0	P	10/01/2025	16:46	LB137389
	Silver	1.62	+/-5	U	10.0	P	10/01/2025	16:46	LB137389
	Sodium	868	+/-1000	U	2000	P	10/01/2025	16:46	LB137389
	Thallium	4.38	+/-20	U	40.0	P	10/01/2025	16:46	LB137389
	Vanadium	6.26	+/-20	U	40.0	P	10/01/2025	16:46	LB137389
	Zinc	16.7	+/-20	U	40.0	P	10/01/2025	16:46	LB137389
CCB06	Antimony	6.76	+/-25	U	50.0	P	10/01/2025	17:41	LB137389
	Arsenic	5.12	+/-10	U	20.0	P	10/01/2025	17:41	LB137389
	Barium	14.6	+/-50	U	100	P	10/01/2025	17:41	LB137389
	Beryllium	0.56	+/-3	U	6.00	P	10/01/2025	17:41	LB137389
	Cadmium	0.50	+/-3	U	6.00	P	10/01/2025	17:41	LB137389
	Chromium	2.12	+/-5	U	10.0	P	10/01/2025	17:41	LB137389
	Cobalt	2.26	+/-15	U	30.0	P	10/01/2025	17:41	LB137389
	Copper	4.60	+/-10	U	20.0	P	10/01/2025	17:41	LB137389
	Iron	23.4	+/-50	U	100	P	10/01/2025	17:41	LB137389
	Lead	2.30	+/-6	U	12.0	P	10/01/2025	17:41	LB137389
	Manganese	5.94	+/-10	U	20.0	P	10/01/2025	17:41	LB137389
	Nickel	3.06	+/-20	U	40.0	P	10/01/2025	17:41	LB137389
	Potassium	918	+/-1000	U	2000	P	10/01/2025	17:41	LB137389
	Selenium	9.64	+/-10	U	20.0	P	10/01/2025	17:41	LB137389
	Silver	1.62	+/-5	U	10.0	P	10/01/2025	17:41	LB137389
	Sodium	868	+/-1000	U	2000	P	10/01/2025	17:41	LB137389
	Thallium	4.38	+/-20	U	40.0	P	10/01/2025	17:41	LB137389
	Vanadium	6.26	+/-20	U	40.0	P	10/01/2025	17:41	LB137389
	Zinc	16.7	+/-20	U	40.0	P	10/01/2025	17:41	LB137389
CCB07	Antimony	6.76	+/-25	U	50.0	P	10/01/2025	18:32	LB137389
	Arsenic	5.12	+/-10	U	20.0	P	10/01/2025	18:32	LB137389
	Barium	14.6	+/-50	U	100	P	10/01/2025	18:32	LB137389

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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	10/01/2025	18:32	LB137389
	Cadmium	0.50	+/-3	U	6.00	P	10/01/2025	18:32	LB137389
	Chromium	2.12	+/-5	U	10.0	P	10/01/2025	18:32	LB137389
	Cobalt	2.26	+/-15	U	30.0	P	10/01/2025	18:32	LB137389
	Copper	4.60	+/-10	U	20.0	P	10/01/2025	18:32	LB137389
	Iron	23.4	+/-50	U	100	P	10/01/2025	18:32	LB137389
	Lead	2.30	+/-6	U	12.0	P	10/01/2025	18:32	LB137389
	Manganese	5.94	+/-10	U	20.0	P	10/01/2025	18:32	LB137389
	Nickel	3.06	+/-20	U	40.0	P	10/01/2025	18:32	LB137389
	Potassium	918	+/-1000	U	2000	P	10/01/2025	18:32	LB137389
	Selenium	9.64	+/-10	U	20.0	P	10/01/2025	18:32	LB137389
	Silver	1.62	+/-5	U	10.0	P	10/01/2025	18:32	LB137389
	Sodium	868	+/-1000	U	2000	P	10/01/2025	18:32	LB137389
	Thallium	4.38	+/-20	U	40.0	P	10/01/2025	18:32	LB137389
	Vanadium	6.26	+/-20	U	40.0	P	10/01/2025	18:32	LB137389
	Zinc	16.7	+/-20	U	40.0	P	10/01/2025	18:32	LB137389
CCB08	Antimony	6.76	+/-25	U	50.0	P	10/01/2025	19:23	LB137389
	Arsenic	5.12	+/-10	U	20.0	P	10/01/2025	19:23	LB137389
	Barium	14.6	+/-50	U	100	P	10/01/2025	19:23	LB137389
	Beryllium	0.56	+/-3	U	6.00	P	10/01/2025	19:23	LB137389
	Cadmium	0.50	+/-3	U	6.00	P	10/01/2025	19:23	LB137389
	Chromium	2.12	+/-5	U	10.0	P	10/01/2025	19:23	LB137389
	Cobalt	2.26	+/-15	U	30.0	P	10/01/2025	19:23	LB137389
	Copper	4.60	+/-10	U	20.0	P	10/01/2025	19:23	LB137389
	Iron	23.4	+/-50	U	100	P	10/01/2025	19:23	LB137389
	Lead	2.30	+/-6	U	12.0	P	10/01/2025	19:23	LB137389
	Manganese	5.94	+/-10	U	20.0	P	10/01/2025	19:23	LB137389
	Nickel	3.06	+/-20	U	40.0	P	10/01/2025	19:23	LB137389
	Potassium	918	+/-1000	U	2000	P	10/01/2025	19:23	LB137389
	Selenium	9.64	+/-10	U	20.0	P	10/01/2025	19:23	LB137389
	Silver	1.62	+/-5	U	10.0	P	10/01/2025	19:23	LB137389
	Sodium	868	+/-1000	U	2000	P	10/01/2025	19:23	LB137389
	Thallium	4.38	+/-20	U	40.0	P	10/01/2025	19:23	LB137389
	Vanadium	6.26	+/-20	U	40.0	P	10/01/2025	19:23	LB137389
	Zinc	16.7	+/-20	U	40.0	P	10/01/2025	19:23	LB137389

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169863BL	WATER			Batch Number:	PB169863		Prep Date:	09/26/2025	
	Antimony	3.38	<12.5	U	25.0	P	10/01/2025	15:17	LB137389
	Arsenic	2.56	<5	U	10.0	P	10/01/2025	15:17	LB137389
	Barium	7.28	<25	U	50.0	P	10/01/2025	15:17	LB137389
	Beryllium	0.28	<1.5	U	3.00	P	10/01/2025	15:17	LB137389
	Cadmium	0.25	<1.5	U	3.00	P	10/01/2025	15:17	LB137389
	Chromium	1.06	<2.5	U	5.00	P	10/01/2025	15:17	LB137389
	Cobalt	1.13	<7.5	U	15.0	P	10/01/2025	15:17	LB137389
	Copper	2.30	<5	U	10.0	P	10/01/2025	15:17	LB137389
	Iron	11.7	<25	U	50.0	P	10/01/2025	15:17	LB137389
	Lead	1.15	<3	U	6.00	P	10/01/2025	15:17	LB137389
	Manganese	2.97	<5	U	10.0	P	10/01/2025	15:17	LB137389
	Nickel	1.53	<10	U	20.0	P	10/01/2025	15:17	LB137389
	Potassium	459	<500	U	1000	P	10/01/2025	15:17	LB137389
	Selenium	4.82	<5	U	10.0	P	10/01/2025	15:17	LB137389
	Silver	0.81	<2.5	U	5.00	P	10/01/2025	15:17	LB137389
	Sodium	434	<500	U	1000	P	10/01/2025	15:17	LB137389
	Thallium	2.19	<10	U	20.0	P	10/01/2025	15:17	LB137389
	Vanadium	3.13	<10	U	20.0	P	10/01/2025	15:17	LB137389
	Zinc	8.33	<10	U	20.0	P	10/01/2025	15:17	LB137389

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	SDG No.: <u>Q3202</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	-0.71			-50	50	10/01/2025	12:53	LB137389
	Arsenic	3.27			-20	20	10/01/2025	12:53	LB137389
	Barium	4.69	6.0	78	-94	106	10/01/2025	12:53	LB137389
	Beryllium	1.73			-6	6	10/01/2025	12:53	LB137389
	Cadmium	0.61	1.0	61	-5	7	10/01/2025	12:53	LB137389
	Chromium	47.6	52.0	92	42	62	10/01/2025	12:53	LB137389
	Cobalt	1.16			-30	30	10/01/2025	12:53	LB137389
	Copper	10.9	2.0	543	-18	22	10/01/2025	12:53	LB137389
	Iron	97400	101000	96	85600	116500	10/01/2025	12:53	LB137389
	Lead	0.44			-12	12	10/01/2025	12:53	LB137389
	Manganese	8.89	7.0	127	-13	27	10/01/2025	12:53	LB137389
	Nickel	3.46	2.0	173	-38	42	10/01/2025	12:53	LB137389
	Potassium	815			0	0	10/01/2025	12:53	LB137389
	Selenium	6.30			-20	20	10/01/2025	12:53	LB137389
	Silver	0.41			-10	10	10/01/2025	12:53	LB137389
	Sodium	79.9			0	0	10/01/2025	12:53	LB137389
	Thallium	3.08			-40	40	10/01/2025	12:53	LB137389
	Vanadium	6.56			-40	40	10/01/2025	12:53	LB137389
	Zinc	2.78			-40	40	10/01/2025	12:53	LB137389
ICSAB01	Antimony	618	618	100	525	711	10/01/2025	12:57	LB137389
	Arsenic	110	104	106	88.4	120	10/01/2025	12:57	LB137389
	Barium	496	537	92	437	637	10/01/2025	12:57	LB137389
	Beryllium	505	495	102	420	570	10/01/2025	12:57	LB137389
	Cadmium	1010	972	104	826	1120	10/01/2025	12:57	LB137389
	Chromium	554	542	102	460	624	10/01/2025	12:57	LB137389
	Cobalt	502	476	106	404	548	10/01/2025	12:57	LB137389
	Copper	503	511	98	434	588	10/01/2025	12:57	LB137389
	Iron	98100	99300	99	84400	114500	10/01/2025	12:57	LB137389
	Lead	48.5	49.0	99	37	61	10/01/2025	12:57	LB137389
	Manganese	497	507	98	430	584	10/01/2025	12:57	LB137389
	Nickel	1000	954	105	810	1100	10/01/2025	12:57	LB137389
	Potassium	33.4			0	0	10/01/2025	12:57	LB137389
	Selenium	54.6	46.0	119	26	66	10/01/2025	12:57	LB137389
	Silver	209	201	104	170	232	10/01/2025	12:57	LB137389
	Sodium	26.9			0	0	10/01/2025	12:57	LB137389
	Thallium	118	108	109	68	148	10/01/2025	12:57	LB137389
	Vanadium	489	491	100	417	565	10/01/2025	12:57	LB137389
	Zinc	1040	952	109	809	1095	10/01/2025	12:57	LB137389



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client: Lockwood, Kessler & Bartlett, Inc. **level:** low **sdg no.:** Q3202
contract: LOCK01 **lab code:** ACE
matrix: Water **sample id:** Q3202-11 **client id:** SY-3DMS
Percent Solids for Sample: NA **Spiked ID:** Q3202-13 **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	407		25.0	U	400	102		P
Arsenic	ug/L	75 - 125	435		18.9		400	104		P
Barium	ug/L	75 - 125	312		213		100	99		P
Beryllium	ug/L	75 - 125	97.4		3.00	U	100	97		P
Cadmium	ug/L	75 - 125	101		3.00	U	100	101		P
Chromium	ug/L	75 - 125	201		5.00	U	200	100		P
Cobalt	ug/L	75 - 125	123		21.0		100	102		P
Copper	ug/L	75 - 125	147		10.0	U	150	98		P
Iron	ug/L	75 - 125	31300		29100		1500	146		P
Lead	ug/L	75 - 125	484		6.00	U	500	97		P
Manganese	ug/L	75 - 125	2190		2060		100	139		P
Nickel	ug/L	75 - 125	256		2.68	J	250	101		P
Potassium	ug/L	75 - 125	28900		22800		5000	122		P
Selenium	ug/L	75 - 125	1020		10.0	U	1000	102		P
Silver	ug/L	75 - 125	39.7		0.97	J	37.5	103		P
Sodium	ug/L	75 - 125	422000		419000		1500	182		P
Thallium	ug/L	75 - 125	956		20.0	U	1000	96		P
Vanadium	ug/L	75 - 125	151		20.0	U	150	101		P
Zinc	ug/L	75 - 125	108		20.0	U	100	108		P

metals
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MATRIX SPIKE SUMMARY

client: Lockwood, Kessler & Bartlett, Inc. **level:** low **sdg no.:** Q3202
contract: LOCK01 **lab code:** ACE
matrix: Water **sample id:** Q3202-12 **client id:** SY-3DMS
Percent Solids for Sample: NA **Spiked ID:** Q3202-14 **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	396		25.0	U	400	99		P
Arsenic	ug/L	75 - 125	403		10.0	U	400	101		P
Barium	ug/L	75 - 125	277		182		100	95		P
Beryllium	ug/L	75 - 125	92.8		3.00	U	100	93		P
Cadmium	ug/L	75 - 125	97.8		3.94		100	94		P
Chromium	ug/L	75 - 125	193		5.00	U	200	96		P
Cobalt	ug/L	75 - 125	118		19.8		100	98		P
Copper	ug/L	75 - 125	147		12.9		150	89		P
Iron	ug/L	75 - 125	10300		8030		1500	151		P
Lead	ug/L	75 - 125	460		6.00	U	500	92		P
Manganese	ug/L	75 - 125	2110		1990		100	123		P
Nickel	ug/L	75 - 125	244		2.16	J	250	97		P
Potassium	ug/L	75 - 125	27700		22100		5000	112		P
Selenium	ug/L	75 - 125	991		10.0	U	1000	99		P
Silver	ug/L	75 - 125	36.7		5.00	U	37.5	98		P
Sodium	ug/L	75 - 125	403000		390000		1500	873		P
Thallium	ug/L	75 - 125	912		20.0	U	1000	91		P
Vanadium	ug/L	75 - 125	144		20.0	U	150	96		P
Zinc	ug/L	75 - 125	116		20.0	U	100	116		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3202</u>
contract: <u>LOCK01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3202-11</u>	client id: <u>SY-3DMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3202-15</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	395		25.0	U	400	99		P
Arsenic	ug/L	75 - 125	404		18.9		400	96		P
Barium	ug/L	75 - 125	274		213		100	60	N	P
Beryllium	ug/L	75 - 125	92.4		3.00	U	100	92		P
Cadmium	ug/L	75 - 125	97.7		3.00	U	100	98		P
Chromium	ug/L	75 - 125	194		5.00	U	200	97		P
Cobalt	ug/L	75 - 125	117		21.0		100	96		P
Copper	ug/L	75 - 125	145		10.0	U	150	97		P
Iron	ug/L	75 - 125	12500		29100		1500	-1107		P
Lead	ug/L	75 - 125	464		6.00	U	500	93		P
Manganese	ug/L	75 - 125	2050		2060		100	-6		P
Nickel	ug/L	75 - 125	246		2.68	J	250	97		P
Potassium	ug/L	75 - 125	26900		22800		5000	82		P
Selenium	ug/L	75 - 125	990		10.0	U	1000	99		P
Silver	ug/L	75 - 125	36.9		0.97	J	37.5	96		P
Sodium	ug/L	75 - 125	395000		419000		1500	-1611		P
Thallium	ug/L	75 - 125	890		20.0	U	1000	89		P
Vanadium	ug/L	75 - 125	144		20.0	U	150	96		P
Zinc	ug/L	75 - 125	105		20.0	U	100	105		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3202</u>
contract: <u>LOCK01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3202-12</u>	client id: <u>SY-3DMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3202-16</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	396		25.0	U	400	99		P
Arsenic	ug/L	75 - 125	406		10.0	U	400	102		P
Barium	ug/L	75 - 125	276		182		100	94		P
Beryllium	ug/L	75 - 125	93.5		3.00	U	100	94		P
Cadmium	ug/L	75 - 125	97.4		3.94		100	93		P
Chromium	ug/L	75 - 125	193		5.00	U	200	96		P
Cobalt	ug/L	75 - 125	117		19.8		100	97		P
Copper	ug/L	75 - 125	145		12.9		150	88		P
Iron	ug/L	75 - 125	12500		8030		1500	296		P
Lead	ug/L	75 - 125	462		6.00	U	500	92		P
Manganese	ug/L	75 - 125	2080		1990		100	87		P
Nickel	ug/L	75 - 125	245		2.16	J	250	97		P
Potassium	ug/L	75 - 125	27200		22100		5000	102		P
Selenium	ug/L	75 - 125	999		10.0	U	1000	100		P
Silver	ug/L	75 - 125	37.3		5.00	U	37.5	100		P
Sodium	ug/L	75 - 125	387000		390000		1500	-209		P
Thallium	ug/L	75 - 125	901		20.0	U	1000	90		P
Vanadium	ug/L	75 - 125	145		20.0	U	150	97		P
Zinc	ug/L	75 - 125	104		20.0	U	100	104		P

Metals
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POST DIGEST SPIKE SUMMARY

Client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	SDG No.: <u>Q3202</u>	
Contract: <u>LOCK01</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>SY-3DA</u>
Sample ID: <u>Q3202-11</u>	Spiked ID: <u>Q3202-11A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	75 - 125	299		213		100	86		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **Level:** LOW **SDG No.:** Q3202
Contract: LOCK01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3202-11 **Client ID:** SY-3DDUP
Percent Solids for Sample: NA **Duplicate ID** Q3202-11DUP **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	18.9		19.0		1		P
Barium	ug/L	20	213		221		4		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	5.00	U	5.00	U			P
Cobalt	ug/L	20	21.0		22.0		5		P
Copper	ug/L	20	10.0	U	2.51	J	200.0		P
Iron	ug/L	20	29100		29700		2		P
Lead	ug/L	20	6.00	U	1.21	J	200.0		P
Manganese	ug/L	20	2060		2140		4		P
Nickel	ug/L	20	2.68	J	2.68	J	0		P
Potassium	ug/L	20	22800		23600		3		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	0.97	J	5.00	U	200.0		P
Sodium	ug/L	20	419000		424000		1		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	20.0	U	20.0	U			P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **Level:** LOW **SDG No.:** Q3202
Contract: LOCK01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3202-12 **Client ID:** SY-3DDUP
Percent Solids for Sample: NA **Duplicate ID** Q3202-12DUP **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	182		187		3		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.94		4.05		3		P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	19.8		20.4		3		P
Copper	ug/L	20	12.9		12.9		0		P
Iron	ug/L	20	8030		8450		5		P
Lead	ug/L	20	6.00	U	6.00	U			P
Manganese	ug/L	20	1990		2060		3		P
Nickel	ug/L	20	2.16	J	2.22	J	3		P
Potassium	ug/L	20	22100		23200		5		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	390000		408000		5		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	20.0	U	20.0	U			P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **Level:** LOW **SDG No.:** Q3202
Contract: LOCK01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3202-13 **Client ID:** SY-3DMSD
Percent Solids for Sample: NA **Duplicate ID** Q3202-15 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	407		395		3		P
Arsenic	ug/L	20	435		404		7		P
Barium	ug/L	20	312		274		13		P
Beryllium	ug/L	20	97.4		92.4		5		P
Cadmium	ug/L	20	101		97.7		3		P
Chromium	ug/L	20	201		194		4		P
Cobalt	ug/L	20	123		117		5		P
Copper	ug/L	20	147		145		1		P
Iron	ug/L	20	31300		12500		86	*	P
Lead	ug/L	20	484		464		4		P
Manganese	ug/L	20	2190		2050		7		P
Nickel	ug/L	20	256		246		4		P
Potassium	ug/L	20	28900		26900		7		P
Selenium	ug/L	20	1020		990		3		P
Silver	ug/L	20	39.7		36.9		7		P
Sodium	ug/L	20	422000		395000		7		P
Thallium	ug/L	20	956		890		7		P
Vanadium	ug/L	20	151		144		5		P
Zinc	ug/L	20	108		105		3		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **Level:** LOW **SDG No.:** Q3202
Contract: LOCK01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3202-14 **Client ID:** SY-3DMSD
Percent Solids for Sample: NA **Duplicate ID** Q3202-16 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	396		396		0		P
Arsenic	ug/L	20	403		406		1		P
Barium	ug/L	20	277		276		0		P
Beryllium	ug/L	20	92.8		93.5		1		P
Cadmium	ug/L	20	97.8		97.4		0		P
Chromium	ug/L	20	193		193		0		P
Cobalt	ug/L	20	118		117		1		P
Copper	ug/L	20	147		145		1		P
Iron	ug/L	20	10300		12500		19		P
Lead	ug/L	20	460		462		0		P
Manganese	ug/L	20	2110		2080		1		P
Nickel	ug/L	20	244		245		0		P
Potassium	ug/L	20	27700		27200		2		P
Selenium	ug/L	20	991		999		1		P
Silver	ug/L	20	36.7		37.3		2		P
Sodium	ug/L	20	403000		387000		4		P
Thallium	ug/L	20	912		901		1		P
Vanadium	ug/L	20	144		145		1		P
Zinc	ug/L	20	116		104		11		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3202
Contract: LOCK01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169863BS							
Antimony	ug/L	400	395		99	80 - 120	P
Arsenic	ug/L	400	380		95	80 - 120	P
Barium	ug/L	100	95.8		96	80 - 120	P
Beryllium	ug/L	100	97.1		97	80 - 120	P
Cadmium	ug/L	100	91.3		91	80 - 120	P
Chromium	ug/L	200	195		98	80 - 120	P
Cobalt	ug/L	100	93.9		94	80 - 120	P
Copper	ug/L	150	148		99	80 - 120	P
Iron	ug/L	1500	1410		94	80 - 120	P
Lead	ug/L	500	459		92	80 - 120	P
Manganese	ug/L	100	101		101	80 - 120	P
Nickel	ug/L	250	235		94	80 - 120	P
Potassium	ug/L	5000	4400		88	80 - 120	P
Selenium	ug/L	1000	940		94	80 - 120	P
Silver	ug/L	37.5	34.9		93	80 - 120	P
Sodium	ug/L	1500	1260		84	80 - 120	P
Thallium	ug/L	1000	885		88	80 - 120	P
Vanadium	ug/L	150	146		97	80 - 120	P
Zinc	ug/L	100	97.9		98	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SY-3DL

Lab Name: Alliance **Contract:** LOCK01
Lab Code: ACE **Lb No.:** lb137389 **Lab Sample ID :** Q3202-11L **SDG No.:** Q3202
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	18.9		21.6	J	14		P
Barium	213		231	J	8		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Chromium	5.00	U	25.0	U			P
Cobalt	21.0		22.8	J	9		P
Copper	10.0	U	50.0	U			P
Iron	29100		29400		1		P
Lead	6.00	U	30.0	U			P
Manganese	2060		2230		9		P
Nickel	2.68	J	100	U	100.0		P
Potassium	22800		24900		9		P
Selenium	10.0	U	50.0	U			P
Silver	0.97	J	25.0	U	100.0		P
Sodium	419000		412000		2		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	20.0	U	100	U			P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SY-3DL

Lab Name: Alliance **Contract:** LOCK01
Lab Code: ACE **Lb No.:** lb137389 **Lab Sample ID :** Q3202-12L **SDG No.:** Q3202
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	182		197	J	8		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.94		3.99	J	1		P
Chromium	5.00	U	25.0	U			P
Cobalt	19.8		21.1	J	7		P
Copper	12.9		12.6	J	2		P
Iron	8030		8400		5		P
Lead	6.00	U	30.0	U			P
Manganese	1990		2170		9		P
Nickel	2.16	J	100	U	100.0		P
Potassium	22100		30000		36		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	390000		389000		0		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	20.0	U	100	U			P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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:				
		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

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ICP INTERELEMEN CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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:				
		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

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ICP INTERELEMEN CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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:				
		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

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ICP INTERELEMEN CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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:				
		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

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ICP INTERELEMEN CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

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:				
		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

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SAMPLE PREPARATION SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3202
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: PB169863							
PB169863BL	PB169863BL	MB	WATER	09/26/2025	50.0	25.0	
PB169863BS	PB169863BS	LCS	WATER	09/26/2025	50.0	25.0	
Q3202-01	SY-6	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-02	SY-6	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-03	SY-2R	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-04	SY-2R	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-05	SY-2D	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-06	SY-2D	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-07	SY-5	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-08	SY-5	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-09	SY-3DD	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-10	SY-3DD	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-11	SY-3D	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-11DUP	SY-3DDUP	DUP	WATER	09/26/2025	50.0	25.0	
Q3202-12	SY-3D	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-12DUP	SY-3DDUP	DUP	WATER	09/26/2025	50.0	25.0	
Q3202-13	SY-3DMS	MS	WATER	09/26/2025	50.0	25.0	
Q3202-14	SY-3DMS	MS	WATER	09/26/2025	50.0	25.0	
Q3202-15	SY-3DMSD	MSD	WATER	09/26/2025	50.0	25.0	
Q3202-16	SY-3DMSD	MSD	WATER	09/26/2025	50.0	25.0	
Q3202-17	SY-3	SAM	WATER	09/26/2025	50.0	25.0	
Q3202-18	SY-3	SAM	WATER	09/26/2025	50.0	25.0	

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ANALYSIS RUN LOG

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Lab code: ACE

Sdg no.: Q3202

Instrument id number:
Method:
Run number: LB137389

Start date: 10/01/2025

End date: 10/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1208	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1212	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1217	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1221	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1225	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1229	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1233	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1241	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1245	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1249	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1253	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1257	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1310	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1314	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1402	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1406	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1500	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1504	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169863BL	PB169863BL	1	1517	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169863BS	PB169863BS	1	1521	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-01	SY-6	1	1534	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-02	SY-6	1	1538	Fe,Mn
Q3202-03	SY-2R	1	1542	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-04	SY-2R	1	1546	Fe,Mn
CCV04	CCV04	1	1551	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1555	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-05	SY-2D	1	1559	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-06	SY-2D	1	1603	Fe,Mn
Q3202-07	SY-5	1	1608	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-08	SY-5	1	1612	Fe,Mn
Q3202-09	SY-3DD	1	1617	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-10	SY-3DD	1	1621	Fe,Mn
Q3202-17	SY-3	1	1625	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-18	SY-3	1	1629	Fe,Mn
Q3202-11	SY-3D	1	1634	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-11DUP	SY-3DDUP	1	1638	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1642	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1646	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-11L	SY-3DL	5	1650	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-13	SY-3DMS	1	1655	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-15	SY-3DMSD	1	1659	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Lab code: ACE

Sdg no.: Q3202

Instrument id number: _____ **Method:** _____

Run number: LB137389

Start date: 10/01/2025 **End date:** 10/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
Q3202-11A	SY-3DA	1	1703	Ba
Q3202-12	SY-3D	1	1707	Fe,Mn
Q3202-12DUP	SY-3DDUP	1	1711	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-12L	SY-3DL	5	1716	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-14	SY-3DMS	1	1720	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3202-16	SY-3DMSD	1	1724	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1732	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1741	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1828	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1832	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1919	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1923	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn

LAB CHRONICLE

OrderID:	Q3202	OrderDate:	9/25/2025 11:08:00 AM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Syosset Landfill 2025
Contact:	John Gerlach	Location:	I63,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3202-01	SY-6	WATER			09/23/25 10:10			09/24/25
			Alkalinity	SM2320 B			10/06/25 12:30	
			Ammonia	SM4500-NH3		09/29/25	09/30/25 13:46	
			Anions Group1	300.0			09/25/25 10:12	
			BOD5	SM5210 B			09/25/25 10:00	
			pH	SM 4500-H B			09/26/25 08:15	
			TDS	SM2540 C			09/30/25 12:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		09/30/25	09/30/25 15:56	
			Total Nitrogen	Cal			09/30/25 15:56	
			TSS	SM2540 D			09/30/25 10:00	
			Turbidity	SM2130 B			09/25/25 10:03	
Q3202-03	SY-2R	WATER			09/23/25 11:30			09/24/25
			Alkalinity	SM2320 B			10/06/25 12:37	
			Ammonia	SM4500-NH3		09/29/25	09/30/25 13:46	

LAB CHRONICLE

Q3202-03DL	SY-2RDL	WATER	Anions Group1	300.0		09/25/25	
						10:34	
			BOD5	SM5210 B		09/25/25	
						10:00	
			pH	SM 4500-H B		09/26/25	
						08:22	
			TDS	SM2540 C		09/30/25	
						12:30	
			TKN	SM4500-N	09/30/25	09/30/25	
				Org C-11 plus NH3 B plus G-11		15:56	
Q3202-05	SY-2D	WATER	Total Nitrogen	Cal		09/30/25	
						15:56	
			TSS	SM2540 D		09/30/25	
						10:00	
			Turbidity	SM2130 B		09/25/25	
						10:09	
					09/23/25 11:30		09/24/25
			Anions Group1	300.0		09/25/25	
						14:55	
					09/23/25 12:15		09/24/25
			Alkalinity	SM2320 B		10/06/25	
						12:42	
			Ammonia	SM4500-NH3	09/29/25	09/30/25	
						13:46	
			Anions Group1	300.0		09/25/25	
						10:55	
			BOD5	SM5210 B		09/25/25	
						10:00	
			pH	SM 4500-H B		09/26/25	
						08:30	
			TDS	SM2540 C		09/30/25	
						12:30	

LAB CHRONICLE

TKN	SM4500-N Org C-11 plus NH3 B plus G-11	09/30/25	09/30/25 15:56
Total Nitrogen	Cal		09/30/25 15:56
TSS	SM2540 D		09/30/25 10:00
Turbidity	SM2130 B		09/25/25 10:12

Q3202-05DL

SY-2DDL

WATER

**09/23/25
12:15**

09/24/25

Anions Group1	300.0		09/25/25 15:18
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Q3202-07

SY-5

WATER

**09/23/25
12:30**

09/24/25

Alkalinity	SM2320 B		10/06/25 12:46
Ammonia	SM4500-NH3	09/29/25	09/30/25 13:46
Anions Group1	300.0		09/25/25 11:17
BOD5	SM5210 B		09/25/25 10:00
pH	SM 4500-H B		09/26/25 08:37
TDS	SM2540 C		09/30/25 12:30
TKN	SM4500-N Org C-11 plus NH3 B plus G-11	09/30/25	09/30/25 15:56
Total Nitrogen	Cal		09/30/25 15:56
TSS	SM2540 D		09/30/25 10:00
Turbidity	SM2130 B		09/25/25 10:15

LAB CHRONICLE

Q3202-07DL	SY-5DL	WATER		09/23/25 12:30		09/24/25
			Anions Group1	300.0		09/25/25 15:39
Q3202-09	SY-3DD	Water		09/23/25 13:10		09/24/25
			Alkalinity	SM2320 B		10/06/25 13:34
			Ammonia	SM4500-NH3	09/29/25	09/30/25 13:46
			Anions Group1	300.0		09/25/25 11:38
			BOD5	SM5210 B		09/25/25 10:00
			pH	SM 4500-H B		09/26/25 08:45
			TDS	SM2540 C		09/30/25 12:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	09/30/25	09/30/25 15:56
			Total Nitrogen	Cal		09/30/25 15:56
			TSS	SM2540 D		09/30/25 10:00
			Turbidity	SM2130 B		09/25/25 10:18
Q3202-11	SY-3D	WATER		09/23/25 13:55		09/24/25
			Alkalinity	SM2320 B		10/06/25 12:55
			Ammonia	SM4500-NH3	09/29/25	09/30/25 13:46
			Anions Group1	300.0		09/25/25 12:00
			BOD5	SM5210 B		09/25/25 10:00

LAB CHRONICLE

pH	SM 4500-H B	09/26/25
		08:55
TDS	SM2540 C	09/30/25
		12:30
TKN	SM4500-N	09/30/25
	Org C-11 plus	15:56
	NH3 B plus	
	G-11	
Total Nitrogen	Cal	09/30/25
		16:34
TSS	SM2540 D	09/30/25
		10:00
Turbidity	SM2130 B	09/25/25
		10:21

Q3202-11DL

SY-3DDL

WATER

**09/23/25
13:55**

09/24/25

Ammonia	SM4500-NH3	09/29/25	09/30/25
			14:29
Anions Group1	300.0		09/25/25
			16:01
TKN	SM4500-N	09/30/25	09/30/25
	Org C-11 plus		16:34
	NH3 B plus		
	G-11		

**Q3202-11DL
2**

SY-3DDL2

WATER

**09/23/25
13:55**

09/24/25

Anions Group1	300.0		09/25/25
			16:22

Q3202-17

SY-3

WATER

**09/23/25
15:30**

09/24/25

Alkalinity	SM2320 B		10/06/25
			12:59
Ammonia	SM4500-NH3	09/29/25	09/30/25
			13:57
Anions Group1	300.0		09/25/25
			13:05
BOD5	SM5210 B		09/25/25
			10:00

LAB CHRONICLE

pH	SM 4500-H B	09/26/25
		09:00
TDS	SM2540 C	09/30/25
		12:30
TKN	SM4500-N	09/30/25
	Org C-11 plus	09/30/25
	NH3 B plus	16:07
	G-11	
Total Nitrogen	Cal	09/30/25
		16:07
TSS	SM2540 D	09/30/25
		10:00
Turbidity	SM2130 B	09/25/25
		10:24

Q3202-17DL

SY-3DL

WATER

**09/23/25
15:30**

09/24/25

Ammonia	SM4500-NH3	09/29/25	09/30/25
			14:29
Anions Group1	300.0		09/25/25
			16:44



SAMPLE DATA

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 10:10
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-6	SDG No.:	Q3202
Lab Sample ID:	Q3202-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	97.2		1	1.00	2.00	mg/L		10/06/25 12:30	SM 2320 B-21
Ammonia as N	0.032	J	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	6.90		1	0.19	0.60	mg/L		09/25/25 10:12	300.0
Nitrite	0.074	HU	1	0.074	0.60	mg/L		09/25/25 10:12	300.0
Nitrate	1.50	H	1	0.095	0.50	mg/L		09/25/25 10:12	300.0
Sulfate	26.2		1	0.46	3.00	mg/L		09/25/25 10:12	300.0
Nitrate+Nitrite	1.50		1	0.17	1.10	mg/L		09/25/25 10:12	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.99	H	1	0	0	pH		09/26/25 08:15	SM 4500-H B-21
TDS	214	H	1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.23	J	1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	1.73		1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	13.6		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	20.1		1	0.15	1.00	NTU		09/25/25 10:03	SM 2130 B-20

Comments: The alkalinity to pH 4.35=97.2 mg CaCO3/L, pH result reported at temperature 20.1 °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.	Date Collected:	09/23/25 11:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2R	SDG No.:	Q3202
Lab Sample ID:	Q3202-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	28.5		1	1.00	2.00	mg/L		10/06/25 12:37	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	388	OR	1	0.19	0.60	mg/L		09/25/25 10:34	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 10:34	300.0
Nitrate	3.00		1	0.095	0.50	mg/L		09/25/25 10:34	300.0
Sulfate	22.0		1	0.46	3.00	mg/L		09/25/25 10:34	300.0
Nitrate+Nitrite	3.00		1	0.17	1.10	mg/L		09/25/25 10:34	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.46	H	1	0	0	pH		09/26/25 08:22	SM 4500-H B-21
TDS	660	H	1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.27	J	1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	3.27		1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	2.10	J	1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	1.41		1	0.15	1.00	NTU		09/25/25 10:09	SM 2130 B-20

Comments: The alkalinity to pH 4.36=28.5 mg CaCO3/L, pH result reported at temperature 20.6 °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.	Date Collected:	09/23/25 11:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2RDL	SDG No.:	Q3202
Lab Sample ID:	Q3202-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	261	D	100	19.0	60.0	mg/L		09/25/25 14:55	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.	Date Collected:	09/23/25 12:15
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2D	SDG No.:	Q3202
Lab Sample ID:	Q3202-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	49.6		1	1.00	2.00	mg/L		10/06/25 12:42	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	300	OR	1	0.19	0.60	mg/L		09/25/25 10:55	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 10:55	300.0
Nitrate	3.00		1	0.095	0.50	mg/L		09/25/25 10:55	300.0
Sulfate	13.2		1	0.46	3.00	mg/L		09/25/25 10:55	300.0
Nitrate+Nitrite	3.00		1	0.17	1.10	mg/L		09/25/25 10:55	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.84	H	1	0	0	pH		09/26/25 08:30	SM 4500-H B-21
TDS	434	H	1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.51		1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	3.51		1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	55.0		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	46.7		1	0.15	1.00	NTU		09/25/25 10:12	SM 2130 B-20

Comments: The alkalinity to pH 4.28=49.6 mg CaCO3/L, pH result reported at temperature 20.1 °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.	Date Collected:	09/23/25 12:15
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2DDL	SDG No.:	Q3202
Lab Sample ID:	Q3202-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	208	D	100	19.0	60.0	mg/L		09/25/25 15:18	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.	Date Collected:	09/23/25 12:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5	SDG No.:	Q3202
Lab Sample ID:	Q3202-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	51.3		1	1.00	2.00	mg/L		10/06/25 12:46	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	299	OR	1	0.19	0.60	mg/L		09/25/25 11:17	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 11:17	300.0
Nitrate	3.00		1	0.095	0.50	mg/L		09/25/25 11:17	300.0
Sulfate	13.4		1	0.46	3.00	mg/L		09/25/25 11:17	300.0
Nitrate+Nitrite	3.00		1	0.17	1.10	mg/L		09/25/25 11:17	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.94	H	1	0	0	pH		09/26/25 08:37	SM 4500-H B-21
TDS	89.0		1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.52		1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	3.52		1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	58.9		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	50.4		1	0.15	1.00	NTU		09/25/25 10:15	SM 2130 B-20

Comments: The alkalinity to pH 4.35=51.3 mg CaCO3/L, pH result reported at temperature 20.1 °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.	Date Collected:	09/23/25 12:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5DL	SDG No.:	Q3202
Lab Sample ID:	Q3202-07DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	203	D	100	19.0	60.0	mg/L		09/25/25 15:39	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.	Date Collected:	09/23/25 13:10
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DD	SDG No.:	Q3202
Lab Sample ID:	Q3202-09	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	17.8		1	1.00	2.00	mg/L		10/06/25 13:34	SM 2320 B-21
Ammonia as N	0.047	J	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	4.90		1	0.19	0.60	mg/L		09/25/25 11:38	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 11:38	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		09/25/25 11:38	300.0
Sulfate	0.82	J	1	0.46	3.00	mg/L		09/25/25 11:38	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		09/25/25 11:38	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.84	H	1	0	0	pH		09/26/25 08:45	SM 4500-H B-21
TDS	33.0		1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.17	J	1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	0.31	U	1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	2.60	J	1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	1.03		1	0.15	1.00	NTU		09/25/25 10:18	SM 2130 B-20

Comments: pH result reported at temperature 20.1 °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.	Date Collected:	09/23/25 13:55
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3D	SDG No.:	Q3202
Lab Sample ID:	Q3202-11	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	230		1	1.00	2.00	mg/L		10/06/25 12:55	SM 2320 B-21
Ammonia as N	11.8	OR	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	967	OR	1	0.19	0.60	mg/L		09/25/25 12:00	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 12:00	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		09/25/25 12:00	300.0
Sulfate	39.9	OR	1	0.46	3.00	mg/L		09/25/25 12:00	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		09/25/25 12:00	300.0
BOD5	37.1		1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	6.44	H	1	0	0	pH		09/26/25 08:55	SM 4500-H B-21
TDS	1200		1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	10.1	OR	1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	10.3		1	0.31	1.30	mg/L		09/30/25 16:34	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	42.0		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	207	D	2	0.30	2.00	NTU		09/25/25 10:21	SM 2130 B-20

Comments: The alkalinity to pH 4.43=230 mg CaCO3/L, pH result reported at temperature 20.1 °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.	Date Collected:	09/23/25 13:55
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DDL	SDG No.:	Q3202
Lab Sample ID:	Q3202-11DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	10.7	D	10	0.30	1.00	mg/L	09/29/25 13:00	09/30/25 14:29	SM 4500-NH3 B plus G-21
Chloride	943	OR	2	0.38	1.20	mg/L		09/25/25 16:01	300.0
Sulfate	39.2	D	2	0.92	6.00	mg/L		09/25/25 16:01	300.0
TKN	10.3	D	2	0.22	1.00	mg/L	09/30/25 09:00	09/30/25 16:34	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.	Date Collected:	09/23/25 13:55
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DDL2	SDG No.:	Q3202
Lab Sample ID:	Q3202-11DL2	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	632	D	200	38.0	120	mg/L		09/25/25 16:22	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.	Date Collected:	09/23/25 15:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3	SDG No.:	Q3202
Lab Sample ID:	Q3202-17	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	113		1	1.00	2.00	mg/L		10/06/25 12:59	SM 2320 B-21
Ammonia as N	4.30	OR	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:57	SM 4500-NH3 B plus G-21
Chloride	397	OR	1	0.19	0.60	mg/L		09/25/25 13:05	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 13:05	300.0
Nitrate	0.10	J	1	0.095	0.50	mg/L		09/25/25 13:05	300.0
Sulfate	21.6		1	0.46	3.00	mg/L		09/25/25 13:05	300.0
Nitrate+Nitrite	0.10	U	1	0.17	1.10	mg/L		09/25/25 13:05	300.0
BOD5	45.0		1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	6.23	H	1	0	0	pH		09/26/25 09:00	SM 4500-H B-21
TDS	885		1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	6.70		1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 16:07	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	6.80		1	0.31	1.30	mg/L		09/30/25 16:07	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	49800		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	10800	D	100	15.0	100	NTU		09/25/25 10:24	SM 2130 B-20

Comments: The alkalinity to pH 4.41=113 mg CaCO3/L, pH result reported at temperature 20.1 °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.	Date Collected:	09/23/25 15:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DL	SDG No.:	Q3202
Lab Sample ID:	Q3202-17DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	3.90	D	5	0.15	0.50	mg/L	09/29/25 13:00	09/30/25 14:29	SM 4500-NH3 B plus G-21
Chloride	271	D	100	19.0	60.0	mg/L		09/25/25 16:44	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.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137317

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Turbidity	ICV	NTU	10.186	10	102	90-110	09/25/2025
Sample ID: Turbidity	CCV1	NTU	9.321	10	93	90-110	09/25/2025
Sample ID: Turbidity	CCV2	NTU	10.667	10	107	90-110	09/25/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137321

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	10	10	100	90-110	09/25/2025
Chloride	mg/L	2.9	3	97	90-110	09/25/2025
Fluoride	mg/L	2	2	100	90-110	09/25/2025
Nitrite	mg/L	3	3	100	90-110	09/25/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/25/2025
Sulfate	mg/L	14.7	15	98	90-110	09/25/2025
Orthophosphate as P	mg/L	4.7	5	94	90-110	09/25/2025
Sample ID: CCV2						
Bromide	mg/L	10.1	10	101	90-110	09/25/2025
Chloride	mg/L	3	3	100	90-110	09/25/2025
Fluoride	mg/L	2	2	100	90-110	09/25/2025
Nitrite	mg/L	3	3	100	90-110	09/25/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/25/2025
Sulfate	mg/L	14.9	15	99	90-110	09/25/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	09/25/2025
Sample ID: CCV3						
Bromide	mg/L	10.1	10	101	90-110	09/25/2025
Chloride	mg/L	3	3	100	90-110	09/25/2025
Fluoride	mg/L	2	2	100	90-110	09/25/2025
Nitrite	mg/L	3	3	100	90-110	09/25/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/25/2025
Sulfate	mg/L	14.9	15	99	90-110	09/25/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	09/25/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137324

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.00	7	100	90-110	09/26/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	09/26/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	09/26/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137369

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.98	1	98	90-110	09/30/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.96	1	96	90-110	09/30/2025
Sample ID: CCV2 Ammonia as N	mg/L	0.98	1	98	90-110	09/30/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.98	1	98	90-110	09/30/2025
Sample ID: CCV4 Ammonia as N	mg/L	0.97	1	97	90-110	09/30/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137372

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TKN	mg/L	4.9	5	98	90-110	09/30/2025
Sample ID: CCV1 TKN	mg/L	4.9	5	98	90-110	09/30/2025
Sample ID: CCV2 TKN	mg/L	4.9	5	98	90-110	09/30/2025
Sample ID: CCV3 TKN	mg/L	5	5	100	90-110	09/30/2025
Sample ID: CCV4 TKN	mg/L	5	5	100	90-110	09/30/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137317

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Turbidity	NTU	< 0.5000	0.5000	U	0.15	1.0	09/25/2025
Sample ID: CCB1 Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/25/2025
Sample ID: CCB2 Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/25/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137321

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	09/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/25/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/25/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/25/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/25/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/25/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/25/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/25/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/25/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/25/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/25/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/25/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/25/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/25/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/25/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/25/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/25/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/25/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/25/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/25/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/25/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/25/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137369

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	09/30/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/30/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/30/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/30/2025
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	09/30/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

RunNo.: LB137372

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TKN	mg/L	0.11	0.2500	J	0.11	0.5	09/30/2025
Sample ID: CCB1 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	09/30/2025
Sample ID: CCB2 TKN	mg/L	0.12	0.2500	J	0.11	0.5	09/30/2025
Sample ID: CCB3 TKN	mg/L	0.11	0.2500	J	0.11	0.5	09/30/2025
Sample ID: CCB4 TKN	mg/L	0.11	0.2500	J	0.11	0.5	09/30/2025

Preparation Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137317BL							
Turbidity	NTU	< 0.5000	0.5000	U	0.15	1.0	09/25/2025
Sample ID: LB137318BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	09/25/2025
Sample ID: LB137321BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/25/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/25/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/25/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/25/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/25/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/25/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/25/2025
Sample ID: LB137356BL							
TSS	mg/L	1	2.0000	J	1	4	09/30/2025
Sample ID: LB137357BL							
TDS	mg/L	2	5.0000	J	1.0	10	09/30/2025
Sample ID: LB137431BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	10/06/2025
Sample ID: LB137439BL							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	10/06/2025
Sample ID: PB169898BL							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	09/30/2025
Sample ID: PB169920BL							
TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	09/30/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3202-11
Client ID:	SY-3DMS	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	12.9	OR	11.8	OR	1	1	110		09/30/2025
Bromide	mg/L	80-120	10.2		0.37	U	10	1	102		09/25/2025
Chloride	mg/L	80-120	921	OR	967	OR	3	1	-1533	*	09/25/2025
TKN	mg/L	75-125	15.7	OR	10.1	OR	5	1	112		09/30/2025
Fluoride	mg/L	80-120	2.20		0.26	J	2	1	97		09/25/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		09/25/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		09/25/2025
Sulfate	mg/L	80-120	53.8	OR	39.9	OR	15	1	93		09/25/2025
Orthophosphate as P	mg/L	80-120	3.40		0.34	U	5	1	68	*	09/25/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3202-11
Client ID:	SY-3DMSD	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	12.8	OR	11.8	OR	1	1	100		09/30/2025
Bromide	mg/L	80-120	10.0		0.37	U	10	1	100		09/25/2025
Chloride	mg/L	80-120	925	OR	967	OR	3	1	-1400	*	09/25/2025
TKN	mg/L	75-125	15.6	OR	10.1	OR	5	1	110		09/30/2025
Fluoride	mg/L	80-120	2.20		0.26	J	2	1	97		09/25/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		09/25/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		09/25/2025
Sulfate	mg/L	80-120	53.6	OR	39.9	OR	15	1	91		09/25/2025
Orthophosphate as P	mg/L	80-120	2.70		0.34	U	5	1	54	*	09/25/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3180-02
Client ID:	CompDUP	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
BOD5	mg/L	+/-20	3570		3480		1	2.55		09/25/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3202-01
Client ID:	SY-6DUP	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	20.1		19.9		1	1		09/25/2025
Alkalinity	mg/L	+/-20	97.2		96.1		1	1		10/06/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3202-09
Client ID:	SY-3DDDDUP	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	5.84		5.86		1	0.34		09/26/2025
TDS	mg/L	+/-5	33.0		33.0		1	0		09/30/2025
Alkalinity	mg/L	+/-20	17.8		18.2		1	2.22		10/06/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3202-11
Client ID:	SY-3DDUP	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	42.0		42.2		1	0.48		09/30/2025
Ammonia as N	mg/L	+/-20	11.8	OR	11.7	OR	1	1		09/30/2025
TKN	mg/L	+/-20	10.1	OR	10.2	OR	1	1		09/30/2025
Ammonia as N	mg/L	+/-20	10.7	D	10.6	D	10	1		09/30/2025
TKN	mg/L	+/-20	10.3	D	10.3	D	2	0		09/30/2025

Duplicate Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3202
Project: Syosset Landfill 2025	Sample ID: Q3202-11
Client ID: SY-3DMSD	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
Fluoride	mg/L	+/-20	2.20		2.20		1	0		09/25/2025
Nitrate	mg/L	+/-20	2.40		2.40		1	0		09/25/2025
Chloride	mg/L	+/-20	921	OR	925	OR	1	0		09/25/2025
Sulfate	mg/L	+/-20	53.8	OR	53.6	OR	1	0		09/25/2025
Bromide	mg/L	+/-20	10.2		10.0		1	2		09/25/2025
Nitrite	mg/L	+/-20	3.00		2.90		1	3		09/25/2025
Orthophosphate as P	mg/L	+/-20	3.40		2.70		1	23	*	09/25/2025
Ammonia as N	mg/L	+/-20	12.9	OR	12.8	OR	1	1		09/30/2025
TKN	mg/L	+/-20	15.7	OR	15.6	OR	1	1		09/30/2025

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Run No.:	LB137318

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137318BS							
BOD5	mg/L	198	193		97	1	84.6-115.4	09/25/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137321

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137321BSW							
Bromide	mg/L	10	10.1		101	1	90-110	09/25/2025
Chloride	mg/L	3	3.00		100	1	90-110	09/25/2025
Fluoride	mg/L	2	2.00		100	1	90-110	09/25/2025
Nitrite	mg/L	3	3.00		100	1	90-110	09/25/2025
Nitrate	mg/L	2.5	2.40		96	1	90-110	09/25/2025
Sulfate	mg/L	15	14.8		99	1	90-110	09/25/2025
Orthophosphate as P	mg/L	5	5.10		102	1	90-110	09/25/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137356

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137356BS							
TSS	mg/L	550	532		97	1	90-110	09/30/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137357

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137357BS							
TDS	mg/L	100	95.0		95	1	90-110	09/30/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137431

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137431BSW							
Alkalinity	mg/L	50	46.8		94	1	80-120	10/06/2025

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Run No.:	LB137439

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137439BS							
Alkalinity	mg/L	50	52.8		106	1	80-120	10/06/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137369

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169898BS							
Ammonia as N	mg/L	1	0.99		99	1	90-110	09/30/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3202

Project: Syosset Landfill 2025

Run No.: LB137372

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169920BS							
TKN	mg/L	5	4.90		98	1	90-110	09/30/2025



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: **LKB ENGINEERING, PLLC**
ADDRESS: **1 ARDIA WAY**
CITY: **SYOSSET** STATE: **NY** ZIP: **11791**
ATTENTION: **JOHN GERLACH**
PHONE: **516-375-1167** FAX:

PROJECT NAME: **SYOSSET LF**
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail: **jgerlach@LKB-ENGINEERING.COM**
PHONE: FAX:

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) ☐ Other _____
☐ EDD FORMAT _____

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E	B	D	A	C						
1. SY-6	SY-6	GW		X	9/23/15	10:10	14	5	2	1	2	4						
2. SY-22	SY-22					11:30	14	5	2	1	2	4						
3. SY-20	SY-20					12:15	14	5	2	1	2	4						
4. SY-5	SY-5					12:30	14	5	2	1	2	4						
5. SY-300	SY-300					1:10	14	5	2	1	2	4						
6. SY-3D	SY-3 DAMS/MSD					1:55	42	15	4	3	4	12						
7. SY-3	SY-3					3:30	14	5	2	1	2	4						
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. Cate Blachly	DATE/TIME: 9/23/15	RECEIVED BY: [Signature] 1345	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.3 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: [Signature]	Comments:
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 9-23-15	RECEIVED BY: [Signature]	

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3202 LOCK01

Client Name : Lockwood, Kessler & Barth

Client Contact : John Gerlach

Invoice Name : Lockwood, Kessler & Barth

Invoice Contact : John Gerlach

Order Date : 9/25/2025 11:08:00 AM
Syosset Landfill 2025

Project Name : Ansonia Landfill 2025

Receive DateTime : 9/24/2025 5:30:00 PM

Purchase Order :

Project Mgr : Deepak

Report Type : NYS ASPB Level 2

EDD Type : EXCEL NOCLEANUP

Hard Copy Date :

Date Signoff : 9/25/2025 1:47:15 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3202-01	SY-6	Water	09/23/2025	10:10					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-03	SY-2R	Water	09/23/2025	11:30					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-05	SY-2D	Water	09/23/2025	12:15					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-07	SY-5	Water	09/23/2025	12:30					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-09	SY-3DD	Water	09/23/2025	13:10					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-11	SY-3D	Water	09/23/2025	13:55					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-13	SY-3DMS	Water	09/23/2025	13:55					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-15	SY-3DMSD	Water	09/23/2025	13:55					

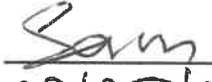
LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3202	LOCK01	Order Date : 9/25/2025 11:08:00 AM	Project Mgr : Deepak
Client Name : Lockwood, Kessler & Barth		Project Name : Ansonia Landfill 2025 Syosset Landfill 2025	Report Type : NYS ASPB Level 2
Client Contact : John Gerlach		Receive DateTime : 9/24/2025 5:30:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Lockwood, Kessler & Barth		Purchase Order :	Hard Copy Date :
Invoice Contact : John Gerlach			Date Signoff : 9/25/2025 1:47:15 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3202-17	SY-3	Water	09/23/2025	15:30	VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-19	TB	Water	09/24/2025	00:00	VOCMS Group1		8260-Low	10 Bus. Days	
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinquished By : 

Date / Time : 9/25/25

Received By : 

Date / Time : 09/25/25

Storage Area : VOA Refridgerator Room