

ANALYTICAL RESULTS SUMMARY

GENERAL CHEMISTRY
METALS
VOLATILE ORGANICS

PROJECT NAME : ANSONIA LANDFILL 2025

LOCKWOOD, KESSLER & BARTLETT, INC.

1 Aerial Way

Syosset, NY - 11791-

Phone No: 516-938-0600

ORDER ID : Q3254

ATTENTION : John Gerlach



Laboratory Certification ID # 20012



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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
MW-1	Q3254-01	8260-Low				6010D	300.0, Cal, SM2130 B, SM2320 B, SM2540 C, SM2540 D, SM4500 N Org
MW-1	Q3254-02	8260-Low				6010D	B or C, SM4500-NH3, SM5210 B 300.0, Cal, SM2130 B, SM2320 B, SM2540 C, SM2540 D, SM4500 N Org
MW-2	Q3254-03	8260-Low				6010D	B or C, SM4500-NH3, SM5210 B 300.0, Cal, SM2130 B, SM2320 B, SM2540 C, SM2540 D, SM4500 N Org
MW-2	Q3254-04	8260-Low				6010D	B or C, SM4500-NH3, SM5210 B 300.0, Cal, SM2130 B, SM2320 B, SM2540 C, SM2540 D, SM4500 N Org
MW-3	Q3254-05	8260-Low				6010D	B or C, SM4500-NH3, SM5210 B 300.0, Cal, SM2130 B, SM2320 B, SM2540 C, SM2540 D, SM4500 N Org
MW-3	Q3254-06	8260-Low				6010D	B or C, SM4500-NH3, SM5210 B 300.0, Cal, SM2130 B, SM2320 B, SM2540 C, SM2540 D, SM4500 N Org
MW-4	Q3254-07	8260-Low				6010D	B or C, SM4500-NH3, SM5210 B 300.0, Cal, SM2130 B, SM2320 B, SM2540 C, SM2540 D, SM4500 N Org
MW-4	Q3254-08	8260-Low				6010D	B or C, SM4500-NH3, SM5210 B 300.0, Cal, SM2130 B, SM2320 B, SM2540 C, SM2540 D, SM4500 N Org
TRIP-BLANK	Q3254-09	8260-Low				6010D	B or C, SM4500-NH3, SM5210 B 300.0, Cal, SM2130 B, SM2320 B, SM2540 C, SM2540 D, SM4500 N Org

B or C, SM4500-NH3,
SM5210 B

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
Q3254-01	Water	09/29/25	09/30/25		10/03/25
Q3254-03	Water	09/29/25	09/30/25		10/03/25
Q3254-05	Water	09/29/25	09/30/25		10/03/25
Q3254-07	Water	09/29/25	09/30/25		10/03/25
Q3254-09	Water	09/29/25	09/30/25		10/03/25

* Details For Test : VOCMS Group1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
Q3254-01	Water	8260-Low	5030		
Q3254-03	Water	8260-Low	5030		
Q3254-05	Water	8260-Low	5030		
Q3254-07	Water	8260-Low	5030		
Q3254-09	Water	8260-Low	5030		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
Q3254-02	Water	Dissolved Metals Groi	09/30/25	10/01/25	10/02/25
Q3254-04	Water	Dissolved Metals Groi	09/30/25	10/01/25	10/02/25
Q3254-06	Water	Dissolved Metals Groi	09/30/25	10/01/25	10/02/25
Q3254-08	Water	Dissolved Metals Groi	09/30/25	10/01/25	10/02/25

* Details For Test : Dissolved Metals Group5

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
Q3254-01	Water	Metals Group4	09/30/25	10/01/25	10/02/25
Q3254-03	Water	Metals Group4	09/30/25	10/01/25	10/02/25
Q3254-05	Water	Metals Group4	09/30/25	10/01/25	10/02/25
Q3254-07	Water	Metals Group4	09/30/25	10/01/25	10/02/25

* Details For Test : Metals Group4

Cover Page

Order ID : Q3254

Project ID : Ansonia Landfill 2025

Client : Lockwood, Kessler & Bartlett, Inc.

Lab Sample Number

Q3254-01
Q3254-02
Q3254-03
Q3254-04
Q3254-05
Q3254-06
Q3254-07
Q3254-08
Q3254-09

Client Sample Number

MW-1
MW-1
MW-2
MW-2
MW-3
MW-3
MW-4
MW-4
TRIP-BLANK

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 11:36 am, Oct 13, 2025

Date: 10/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Lockwood, Kessler & Bartlett, Inc.

Project Name: Ansonia Landfill 2025

Project # N/A

Order ID # Q3254

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

5 Water samples were received on 09/30/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_V 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.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate for {VV1003WBSD01} with File ID: VV039246.D met requirements for all compounds except for Bromoform[111%] is failing high but no positive hit in associate sample therefore no corrective action taken.

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

The %RSD is greater than 20% in the Initial Calibration method (82V092225W.M) for 2-Hexanone passing on Linear regression and Chloroethane, Acetone, Methylene Chloride, Styrene, 1,2-Dibromo-3-Chloropropane are passing on Quadratic Regression.

The Continuous Calibration File ID VV039242.D met the requirements except for Bromoform, Ethyl Benzene, m/p-Xylenes, o-Xylene, Toluene are failing high but no positive hit in associate sample while 4-Bromofluorobenzene which is not our target compound therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Alliance has analyzed samples for VOCMS Group1 by Method 8260D for Project “Ansonia 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 “Ansonia Landfill 2025” were analyzed

F. Manual Integration Comments:

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

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Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 11:36 am, Oct 13, 2025



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

CASE NARRATIVE

Lockwood, Kessler & Bartlett, Inc.

Project Name: Ansonia Landfill 2025

Project # N/A

Order ID # Q3254

Test Name: Dissolved Metals Group5, Metals Group4

A. Number of Samples and Date of Receipt:

9 Water samples were received on 09/30/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Dissolved Metals Group5, Metals Group4. This data package contains results for Dissolved Metals Group5, Metals Group4.

C. Analytical Techniques:

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

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

The Matrix Spike Duplicate analysis met criteria for all compounds.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

Samples Q3254-01, Q3254-03, Q3254-05, Q3254-07 were analyzed as Total Metal and Samples Q3254-02, Q3254-04, Q3254-06, Q3254-08 were analyzed as Dissolved Metal.

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.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 11:37 am, Oct 13, 2025

Signature_____

CASE NARRATIVE

Lockwood, Kessler & Bartlett, Inc.

Project Name: Ansonia Landfill 2025

Project # N/A

Order ID # Q3254

Test Name: Alkalinity,Ammonia,Anions Group1,BOD5,TDS,TKN,Total Nitrogen,TSS,Turbidity

A. Number of Samples and Date of Receipt:

4 Water samples were received on 09/30/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Alkalinity,Ammonia,Anions Group1,BOD5,TDS,TKN,Total Nitrogen,TSS,Turbidity. This data package contains results for Alkalinity,Ammonia,Anions Group1, BOD5,TDS,TKN,Total Nitrogen,TSS,Turbidity.

C. Analytical Techniques:

The analysis of Anions Group1 was based on method 300.0, The analysis of Total Nitrogen was based on method Cal, 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.

Sample MW-1 was diluted due to high concentrations for Chloride & Sample MW-2 was diluted due to high concentrations for Ammonia as N,TKN,Chloride & Sample MW-3 was diluted due to high concentrations for Ammonia as N,Chloride & Sample MW-4 was diluted due to high concentrations for Ammonia as N,TKN,Chloride.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike (MW-1MS) analysis met criteria for all compounds except for Chloride due to sample matrix interference.

The Matrix Spike Duplicate (MW-1MSD) analysis met criteria for all compounds except for Chloride due to sample matrix interference.

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

The Calibration met the requirements.

E. Additional Comments:

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.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 11:37 am, Oct 13, 2025

Signature _____

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 #: Q3254

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: 10/10/2025

LAB CHRONICLE

OrderID:	Q3254	OrderDate:	9/30/2025 12:37:00 PM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Ansonia Landfill 2025
Contact:	John Gerlach	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3254-01	MW-1	Water	VOCMS Group1	8260-Low	09/29/25		10/03/25	09/30/25
Q3254-03	MW-2	Water	VOCMS Group1	8260-Low	09/29/25		10/03/25	09/30/25
Q3254-05	MW-3	Water	VOCMS Group1	8260-Low	09/29/25		10/03/25	09/30/25
Q3254-07	MW-4	Water	VOCMS Group1	8260-Low	09/29/25		10/03/25	09/30/25
Q3254-09	TRIP-BLANK	Water	VOCMS Group1	8260-Low	09/29/25		10/03/25	09/30/25

Hit Summary Sheet
SW-846

SDG No.: Q3254
Client: Lockwood, Kessler & Bartlett, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q3254-03	MW-2 MW-2	Water	Chlorobenzene	0.97	J	0.12	1.00	ug/L
			Total Voc :	0.97				
			Total Concentration:	0.97				
Client ID: Q3254-07	MW-4 MW-4	Water	Chlorobenzene	0.71	J	0.12	1.00	ug/L
			Total Voc :	0.71				
			Total Concentration:	0.71				

A

B

C

D

E

F

G



SAMPLE DATA

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1	SDG No.:	Q3254
Lab Sample ID:	Q3254-01	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
VV039252.D	1	10/03/25 16:11	VV100325

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1	SDG No.:	Q3254
Lab Sample ID:	Q3254-01	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
VV039252.D	1	10/03/25 16:11	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.5		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	58.8		75 - 124	118%	SPK: 50
2037-26-5	Toluene-d8	45.8		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	362000	4.603			
540-36-3	1,4-Difluorobenzene	619000	5.535			
3114-55-4	Chlorobenzene-d5	641000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	308000	11.175			

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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2	SDG No.:	Q3254
Lab Sample ID:	Q3254-03	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
VV039253.D	1	10/03/25 16:34	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	5.00	U	0.83	5.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	5.00	U	0.66	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	1.00	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.97	J	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	1.00	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2	SDG No.:	Q3254
Lab Sample ID:	Q3254-03	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
VV039253.D	1	10/03/25 16:34	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.7		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	61.4		75 - 124	123%	SPK: 50
2037-26-5	Toluene-d8	46.7		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	309000	4.603			
540-36-3	1,4-Difluorobenzene	515000	5.535			
3114-55-4	Chlorobenzene-d5	545000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	261000	11.172			

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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3	SDG No.:	Q3254
Lab Sample ID:	Q3254-05	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
VV039254.D	1	10/03/25 16:56	VV100325

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3	SDG No.:	Q3254
Lab Sample ID:	Q3254-05	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
VV039254.D	1	10/03/25 16:56	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.4		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	56.4		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	45.2		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.3		77 - 121	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	448000	4.603			
540-36-3	1,4-Difluorobenzene	801000	5.535			
3114-55-4	Chlorobenzene-d5	824000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	400000	11.172			

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:	09/29/25	
Project:	Ansonia Landfill 2025		Date Received:	09/30/25	
Client Sample ID:	MW-4		SDG No.:	Q3254	
Lab Sample ID:	Q3254-07		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
VV039255.D	1	10/03/25 17:19	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	5.00	U	0.83	5.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	5.00	U	0.66	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	1.00	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.71	J	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	1.00	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4	SDG No.:	Q3254
Lab Sample ID:	Q3254-07	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
VV039255.D	1	10/03/25 17:19	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.5		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	57.4		75 - 124	115%	SPK: 50
2037-26-5	Toluene-d8	45.6		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	393000	4.603			
540-36-3	1,4-Difluorobenzene	674000	5.535			
3114-55-4	Chlorobenzene-d5	694000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	336000	11.172			

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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3254
Lab Sample ID:	Q3254-09	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
VV039251.D	1	10/03/25 15:49	VV100325

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3254
Lab Sample ID:	Q3254-09	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
VV039251.D	1	10/03/25 15:49	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.2		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	58.9		75 - 124	118%	SPK: 50
2037-26-5	Toluene-d8	45.8		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	330000	4.603			
540-36-3	1,4-Difluorobenzene	558000	5.535			
3114-55-4	Chlorobenzene-d5	580000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	279000	11.175			

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.: **Q3254**

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

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3254-01	MW-1	1,2-Dichloroethane-d4	50	59.5	119		74	125
		Dibromofluoromethane	50	58.8	118		75	124
		Toluene-d8	50	45.8	92		86	113
		4-Bromofluorobenzene	50	45.0	90		77	121
Q3254-03	MW-2	1,2-Dichloroethane-d4	50	58.7	117		74	125
		Dibromofluoromethane	50	61.4	123		75	124
		Toluene-d8	50	46.7	93		86	113
		4-Bromofluorobenzene	50	46.2	92		77	121
Q3254-05	MW-3	1,2-Dichloroethane-d4	50	58.4	117		74	125
		Dibromofluoromethane	50	56.4	113		75	124
		Toluene-d8	50	45.2	90		86	113
		4-Bromofluorobenzene	50	45.3	91		77	121
Q3254-07	MW-4	1,2-Dichloroethane-d4	50	57.5	115		74	125
		Dibromofluoromethane	50	57.4	115		75	124
		Toluene-d8	50	45.6	91		86	113
		4-Bromofluorobenzene	50	45.1	90		77	121
Q3254-09	TRIP-BLANK	1,2-Dichloroethane-d4	50	58.2	116		74	125
		Dibromofluoromethane	50	58.9	118		75	124
		Toluene-d8	50	45.8	92		86	113
		4-Bromofluorobenzene	50	44.6	89		77	121
VV1003WBL01	VV1003WBL01	1,2-Dichloroethane-d4	50	51.7	103		74	125
		Dibromofluoromethane	50	52.5	105		75	124
		Toluene-d8	50	44.6	89		86	113
		4-Bromofluorobenzene	50	45.2	90		77	121
VV1003WBS01	VV1003WBS01	1,2-Dichloroethane-d4	50	41.7	83		74	125
		Dibromofluoromethane	50	49.6	99		75	124
		Toluene-d8	50	45.8	92		86	113
		4-Bromofluorobenzene	50	53.4	107		77	121
VV1003WBSD01	VV1003WBSD01	1,2-Dichloroethane-d4	50	42.8	86		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	45.3	91		86	113
		4-Bromofluorobenzene	50	53.2	106		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3254</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	Datafile :	<u>VV039245.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VV1003WBS01	Vinyl chloride	20	17.5	ug/L	88			65	117	
	Chloroethane	20	18.1	ug/L	91			56	128	
	Trichlorofluoromethane	20	19.1	ug/L	96			73	115	
	1,1-Dichloroethene	20	18.8	ug/L	94			74	110	
	Acrylonitrile	100	88.9	ug/L	89			73	113	
	Acetone	100	91.0	ug/L	91			60	125	
	Carbon disulfide	20	16.0	ug/L	80			64	112	
	Methylene Chloride	20	19.9	ug/L	100			72	114	
	Vinyl Acetate	100	88.0	ug/L	88			76	115	
	2-Butanone	100	89.1	ug/L	89			65	122	
	Carbon Tetrachloride	20	19.2	ug/L	96			77	113	
	cis-1,2-Dichloroethene	20	19.2	ug/L	96			77	110	
	Bromochloromethane	20	19.3	ug/L	97			70	124	
	Chloroform	20	18.1	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	18.2	ug/L	91			80	108	
	Benzene	20	19.4	ug/L	97			82	109	
	1,2-Dichloropropane	20	19.9	ug/L	100			83	111	
	Dibromomethane	20	19.8	ug/L	99			82	110	
	Bromodichloromethane	20	19.3	ug/L	97			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	20.9	ug/L	104			82	110	
	t-1,3-Dichloropropene	20	21.1	ug/L	106			79	110	
	cis-1,3-Dichloropropene	20	20.9	ug/L	104			82	110	
	2-Hexanone	100	91.8	ug/L	92			73	117	
	Dibromochloromethane	20	20.7	ug/L	104			82	110	
	1,2-Dibromoethane	20	20.6	ug/L	103			81	110	
	Tetrachloroethene	20	20.3	ug/L	102			67	123	
	Chlorobenzene	20	20.2	ug/L	101			82	109	
	1,1,1,2-Tetrachloroethane	20	20.3	ug/L	102			84	111	
	Ethyl Benzene	20	20.2	ug/L	101			83	109	
	m/p-Xylenes	40	43.1	ug/L	108			82	110	
	o-Xylene	20	21.5	ug/L	108			83	109	
	Styrene	20	19.7	ug/L	99			80	111	
	Bromoform	20	21.5	ug/L	108			79	109	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			76	118	
	1,2,3-Trichloropropane	20	18.1	ug/L	91			75	112	
	1,4-Dichlorobenzene	20	19.3	ug/L	97			82	107	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			82	109	
	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103			68	112	
	Methyl iodide	20	22.0	ug/L	110			70	130	
	trans-1,4-Dichloro-2-butene	20	19.0	ug/L	95			79	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3254</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	Datafile :	<u>VV039246.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VV1003WBSD01	Vinyl chloride	20	17.0	ug/L	85	3		65	117	19
	Chloroethane	20	17.8	ug/L	89	2		56	128	20
	Trichlorofluoromethane	20	18.8	ug/L	94	2		73	115	16
	1,1-Dichloroethene	20	18.7	ug/L	94	0		74	110	20
	Acrylonitrile	100	94.7	ug/L	95	7		73	113	29
	Acetone	100	93.4	ug/L	93	2		60	125	20
	Carbon disulfide	20	15.9	ug/L	79	1		64	112	20
	Methylene Chloride	20	20.2	ug/L	101	1		72	114	20
	Vinyl Acetate	100	92.0	ug/L	92	4		76	115	26
	2-Butanone	100	93.5	ug/L	94	5		65	122	26
	Carbon Tetrachloride	20	18.8	ug/L	94	2		77	113	15
	cis-1,2-Dichloroethene	20	19.6	ug/L	98	2		77	110	20
	Bromochloromethane	20	19.6	ug/L	98	1		70	124	20
	Chloroform	20	18.2	ug/L	91	0		79	113	20
	1,1,1-Trichloroethane	20	18.4	ug/L	92	1		80	108	20
	Benzene	20	19.3	ug/L	97	0		82	109	15
	1,2-Dichloropropane	20	19.1	ug/L	96	4		83	111	16
	Dibromomethane	20	20.1	ug/L	101	2		82	110	20
	Bromodichloromethane	20	19.4	ug/L	97	0		83	110	16
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	25
	Toluene	20	20.9	ug/L	104	0		82	110	16
	t-1,3-Dichloropropene	20	21.3	ug/L	106	0		79	110	20
	cis-1,3-Dichloropropene	20	21.1	ug/L	106	2		82	110	16
	2-Hexanone	100	95.2	ug/L	95	3		73	117	25
	Dibromochloromethane	20	20.6	ug/L	103	1		82	110	20
	1,2-Dibromoethane	20	21.4	ug/L	107	4		81	110	20
	Tetrachloroethene	20	20.4	ug/L	102	0		67	123	15
	Chlorobenzene	20	20.2	ug/L	101	0		82	109	15
	1,1,1,2-Tetrachloroethane	20	20.7	ug/L	104	2		84	111	20
	Ethyl Benzene	20	20.2	ug/L	101	0		83	109	16
	m/p-Xylenes	40	43.3	ug/L	108	0		82	110	15
	o-Xylene	20	21.8	ug/L	109	1		83	109	20
	Styrene	20	19.6	ug/L	98	1		80	111	17
	Bromoform	20	22.2	ug/L	111	3	*	79	109	20
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94	3		76	118	20
	1,2,3-Trichloropropane	20	18.8	ug/L	94	3		75	112	20
	1,4-Dichlorobenzene	20	19.5	ug/L	98	1		82	107	15
	1,2-Dichlorobenzene	20	20.2	ug/L	101	2		82	109	20
	1,2-Dibromo-3-Chloropropane	20	20.6	ug/L	103	0		68	112	20
	Methyl iodide	20	22.2	ug/L	111	1		70	130	20
	trans-1,4-Dichloro-2-butene	20	19.5	ug/L	98	3		79	102	20

VOLATILE METHOD BLANK SUMMARY

Client ID

VV1003WBL01

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3254

Lab File ID: VV039244.D

Lab Sample ID: VV1003WBL01

Date Analyzed: 10/03/2025

Time Analyzed: 11:26

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV1003WBS01	VV1003WBS01	VV039245.D	10/03/2025
VV1003WBSD01	VV1003WBSD01	VV039246.D	10/03/2025
TRIP-BLANK	Q3254-09	VV039251.D	10/03/2025
MW-1	Q3254-01	VV039252.D	10/03/2025
MW-2	Q3254-03	VV039253.D	10/03/2025
MW-3	Q3254-05	VV039254.D	10/03/2025
MW-4	Q3254-07	VV039255.D	10/03/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VV039134.D
Instrument ID: MSVOA_V
GC Column: DB-624UI ID: 0.18 (mm)

Contract: LOCK01
SDG NO.: Q3254
BFB Injection Date: 09/22/2025
BFB Injection Time: 10:15
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.5 (7.5) 1
176	95.0 - 101.0% of mass 174	70.4 (96) 1
177	5.0 - 9.0% of mass 176	4.4 (6.3) 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
VSTDICC010	VSTDICC010	VV039137.D	09/22/2025	12:26
VSTDICC020	VSTDICC020	VV039138.D	09/22/2025	12:48
VSTDICCC050	VSTDICCC050	VV039139.D	09/22/2025	13:26
VSTDICC100	VSTDICC100	VV039140.D	09/22/2025	13:49
VSTDICC005	VSTDICC005	VV039142.D	09/22/2025	15:37
VSTDICC001	VSTDICC001	VV039143.D	09/22/2025	16:35

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3254

Lab File ID: VV039241.D

BFB Injection Date: 10/03/2025

Instrument ID: MSVOA_V

BFB Injection Time: 08:26

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	16.6
75	30.0 - 60.0% of mass 95	49.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	78
175	5.0 - 9.0% of mass 174	5.5 (7) 1
176	95.0 - 101.0% of mass 174	74.9 (96) 1
177	5.0 - 9.0% of mass 176	5 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039242.D	10/03/2025	08:53
VV1003WBL01	VV1003WBL01	VV039244.D	10/03/2025	11:26
VV1003WBS01	VV1003WBS01	VV039245.D	10/03/2025	13:07
VV1003WBSD01	VV1003WBSD01	VV039246.D	10/03/2025	13:29
TRIP-BLANK	Q3254-09	VV039251.D	10/03/2025	15:49
MW-1	Q3254-01	VV039252.D	10/03/2025	16:11
MW-2	Q3254-03	VV039253.D	10/03/2025	16:34
MW-3	Q3254-05	VV039254.D	10/03/2025	16:56
MW-4	Q3254-07	VV039255.D	10/03/2025	17:19

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01
Lab Code: ACE SDG NO.: Q3254
Lab File ID: VV039242.D Date Analyzed: 10/03/2025
Instrument ID: MSVOA_V Time Analyzed: 08:53
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	504801	4.60	717875	5.53	718198	8.77
UPPER LIMIT	1009600	5.096	1435750	6.032	1436400	9.273
LOWER LIMIT	252401	4.096	358938	5.032	359099	8.273
EPA SAMPLE NO.						
MW-1	361761	4.60	619136	5.54	640562	8.78
MW-2	308662	4.60	515390	5.54	544820	8.78
MW-3	448224	4.60	801027	5.54	823576	8.78
MW-4	392891	4.60	674176	5.54	694020	8.78
TRIP-BLANK	330074	4.60	558191	5.54	580452	8.78
VV1003WBL01	501875	4.60	854024	5.53	854306	8.78
VV1003WBS01	559480	4.60	866328	5.53	845304	8.77
VV1003WBSD01	530712	4.60	834883	5.54	807929	8.78

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.: Q3254
Lab File ID: VV039242.D Date Analyzed: 10/03/2025
Instrument ID: MSVOA_V Time Analyzed: 08:53
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	467640	11.172				
UPPER LIMIT	935280	11.672				
LOWER LIMIT	233820	10.672				
EPA SAMPLE NO.						
MW-1	308059	11.18				
MW-2	261173	11.17				
MW-3	400173	11.17				
MW-4	336486	11.17				
TRIP-BLANK	279370	11.18				
VV1003WBL01	433083	11.17				
VV1003WBS01	506399	11.17				
VV1003WBSD01	481201	11.17				

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:	Ansonia Landfill 2025		Date Received:	
Client Sample ID:	VV1003WBL01		SDG No.:	Q3254
Lab Sample ID:	VV1003WBL01		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
VV039244.D	1	10/03/25 11:26	VV100325

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

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	
Project:	Ansonia Landfill 2025		Date Received:	
Client Sample ID:	VV1003WBL01		SDG No.:	Q3254
Lab Sample ID:	VV1003WBL01		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
VV039244.D	1	10/03/25 11:26	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		74 - 125	103%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	44.6		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	502000	4.6			
540-36-3	1,4-Difluorobenzene	854000	5.532			
3114-55-4	Chlorobenzene-d5	854000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	433000	11.172			

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:	Ansonia Landfill 2025		Date Received:	
Client Sample ID:	VV1003WBS01		SDG No.:	Q3254
Lab Sample ID:	VV1003WBS01		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
VV039245.D	1	10/03/25 13:07	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.5		0.26	1.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
107-13-1	Acrylonitrile	88.9		0.83	5.00	ug/L
67-64-1	Acetone	91.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.0		0.21	1.00	ug/L
75-09-2	Methylene Chloride	19.9		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	88.0		0.66	5.00	ug/L
78-93-3	2-Butanone	89.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.3		0.22	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.2		0.20	1.00	ug/L
71-43-2	Benzene	19.4		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	19.8		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	20.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.9		0.16	1.00	ug/L
591-78-6	2-Hexanone	91.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.3		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	
Project:	Ansonia Landfill 2025		Date Received:	
Client Sample ID:	VV1003WBS01		SDG No.:	Q3254
Lab Sample ID:	VV1003WBS01		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
VV039245.D	1	10/03/25 13:07	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	64.6		0.36	3.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	21.5		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.1		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.3		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.53	1.00	ug/L
74-88-4	Methyl Iodide	22.0		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	19.0		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.7		74 - 125	83%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	45.8		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	559000	4.596			
540-36-3	1,4-Difluorobenzene	866000	5.532			
3114-55-4	Chlorobenzene-d5	845000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	506000	11.172			

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

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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:	Ansonia Landfill 2025		Date Received:	
Client Sample ID:	VV1003WBSD01		SDG No.:	Q3254
Lab Sample ID:	VV1003WBSD01		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
VV039246.D	1	10/03/25 13:29	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.0		0.26	1.00	ug/L
75-00-3	Chloroethane	17.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
107-13-1	Acrylonitrile	94.7		0.83	5.00	ug/L
67-64-1	Acetone	93.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.21	1.00	ug/L
75-09-2	Methylene Chloride	20.2		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	92.0		0.66	5.00	ug/L
78-93-3	2-Butanone	93.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.6		0.22	1.00	ug/L
67-66-3	Chloroform	18.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.4		0.20	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.1		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.1		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.1		0.16	1.00	ug/L
591-78-6	2-Hexanone	95.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.7		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	
Project:	Ansonia Landfill 2025		Date Received:	
Client Sample ID:	VV1003WBSD01		SDG No.:	Q3254
Lab Sample ID:	VV1003WBSD01		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
VV039246.D	1	10/03/25 13:29	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	65.1		0.36	3.00	ug/L
100-42-5	Styrene	19.6		0.15	1.00	ug/L
75-25-2	Bromoform	22.2		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	18.8		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		0.53	1.00	ug/L
74-88-4	Methyl Iodide	22.2		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	19.5		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.8		74 - 125	86%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	45.3		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	531000	4.603			
540-36-3	1,4-Difluorobenzene	835000	5.535			
3114-55-4	Chlorobenzene-d5	808000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	481000	11.172			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG No.: Q3254

Instrument ID: MSVOA_V

Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N

Calibration Time(s): 12:26 16:35

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

LAB FILE ID:		RRF010 = VV039137.D		RRF020 = VV039138.D		RRF050 = VV039139.D		
		RRF100 = VV039140.D		RRF005 = VV039142.D		RRF001 = VV039143.D		
COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	RRF	% RSD
Vinyl Chloride	1.007	0.856	0.836	0.801	0.932	1.026	0.910	10.3
Chloroethane	0.662	0.568	0.533	0.500	0.606	0.915	0.631	23.8
Trichlorofluoromethane	1.394	1.253	1.193	1.151	1.365	1.546	1.317	11.2
1,1-Dichloroethene	0.804	0.721	0.674	0.663	0.789	0.873	0.754	10.9
Acrylonitrile	0.507	0.462	0.436	0.427	0.522	0.587	0.490	12.4
Acetone	0.537	0.458	0.449	0.414	0.569	0.712	0.523	20.8
Carbon Disulfide	2.453	2.181	2.081	1.986	2.462	2.670	2.306	11.4
Methylene Chloride	0.930	0.848	0.779	0.742	1.113	1.987	1.066	44
Vinyl Acetate	2.393	2.241	2.204	2.128	2.313	2.243	2.254	4
2-Butanone	0.604	0.584	0.586	0.580	0.570	0.554	0.579	2.9
Carbon Tetrachloride	0.742	0.710	0.703	0.675	0.736	0.890	0.743	10.2
cis-1,2-Dichloroethene	0.908	0.842	0.868	0.860	0.832	1.001	0.885	7.1
Bromochloromethane	0.836	0.753	0.679	0.637	0.525	0.743	0.696	15.5
Chloroform	1.752	1.570	1.490	1.433	1.746	1.880	1.645	10.6
1,1,1-Trichloroethane	1.562	1.321	1.298	1.263	1.513	1.590	1.424	10.3
Benzene	2.077	1.978	1.990	1.931	1.963	1.936	1.979	2.7
1,2-Dichloropropane	0.509	0.519	0.502	0.486	0.471	0.465	0.492	4.4
Dibromomethane	0.392	0.367	0.368	0.354	0.381	0.396	0.376	4.4
Bromodichloromethane	0.832	0.764	0.753	0.725	0.767	0.829	0.778	5.5
4-Methyl-2-Pentanone	0.715	0.736	0.732	0.714	0.613	0.459	0.661	16.5
Toluene	1.211	1.199	1.229	1.214	1.130	0.901	1.147	10.9
t-1,3-Dichloropropene	0.701	0.696	0.728	0.753	0.645	0.548	0.678	10.8
cis-1,3-Dichloropropene	0.803	0.777	0.811	0.803	0.704	0.595	0.749	11.4
2-Hexanone	0.505	0.534	0.546	0.533	0.429	0.231	0.463	26.2
Dibromochloromethane	0.605	0.570	0.567	0.558	0.598	0.620	0.586	4.2
1,2-Dibromoethane	0.556	0.538	0.529	0.514	0.535	0.484	0.526	4.7
Tetrachloroethene	0.435	0.412	0.412	0.407	0.431	0.415	0.419	2.7
Chlorobenzene	1.403	1.368	1.383	1.358	1.417	1.428	1.393	2
1,1,1,2-Tetrachloroethane	0.520	0.488	0.488	0.477	0.504	0.543	0.503	4.8
Ethyl Benzene	2.028	2.143	2.382	2.418	1.953	1.725	2.108	12.5

* 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.: Q3254
Instrument ID: MSVOA_V Calibration Date(s): 09/22/2025 09/22/2025
Heated Purge: (Y/N) N Calibration Time(s): 12:26 16:35
GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:								
RRF010 = VV039137.D			RRF020 = VV039138.D			RRF050 = VV039139.D		
RRF100 = VV039140.D			RRF005 = VV039142.D			RRF001 = VV039143.D		
COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	RRF	% RSD
m/p-Xylenes	0.820	0.882	0.949	0.938	0.713	0.580	0.814	17.7
o-Xylene	0.703	0.742	0.846	0.880	0.635	0.518	0.720	18.7
Styrene	1.239	1.381	1.553	1.537	1.038	0.828	1.263	22.8
Bromoform	0.396	0.384	0.396	0.400	0.385	0.397	0.393	1.7
1,1,2,2-Tetrachloroethane	1.600	1.461	1.425	1.389	1.684	1.975	1.589	13.8
1,2,3-Trichloropropane	1.136	1.048	1.049	1.023	1.201	1.375	1.138	11.7
1,4-Dichlorobenzene	2.070	1.951	1.934	1.919	2.139	2.522	2.089	11
1,2-Dichlorobenzene	1.751	1.652	1.738	1.802	1.797	1.935	1.779	5.3
1,2-Dibromo-3-Chloropropane	0.299	0.283	0.285	0.302	0.333	0.476	0.330	22.4
1,2-Dichloroethane-d4	0.773	0.663	0.646	0.618	0.919		0.724	17.1
Dibromofluoromethane	0.435	0.382	0.377	0.360	0.454		0.402	10.1
Toluene-d8	1.166	1.092	1.136	1.097	1.411		1.181	11.2
4-Bromofluorobenzene	0.481	0.464	0.507	0.501	0.477		0.486	3.6
Methyl Iodide	0.772	0.742	0.786	0.793	0.638		0.746	8.5
trans-1,4-Dichloro-2-butene	0.478	0.451	0.495	0.521	0.427		0.474	7.8

* 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>Q3254</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>10/03/2025 08:53</u>
Lab File ID:	<u>VV039242.D</u>	Init. Calib. Date(s):	<u>09/22/2025 09/22/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:26 16:35</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.910	0.797		-12.42	20
Chloroethane	0.631	0.533		-15.53	20
Trichlorofluoromethane	1.317	1.296		-1.6	20
1,1-Dichloroethene	0.754	0.737		-2.26	20
Acrylonitrile	0.490	0.450		-8.16	20
Acetone	0.523	0.465		-11.09	20
Carbon Disulfide	2.306	1.914		-17	20
Methylene Chloride	1.066	0.842		-21.01	20
Vinyl Acetate	2.254	2.045		-9.27	20
2-Butanone	0.579	0.545		-5.87	20
Carbon Tetrachloride	0.743	0.816		9.82	20
cis-1,2-Dichloroethene	0.885	0.850		-3.95	20
Bromochloromethane	0.696	0.695		-0.14	20
Chloroform	1.645	1.541		-6.32	20
1,1,1-Trichloroethane	1.424	1.326		-6.88	20
Benzene	1.979	2.157		8.99	20
1,2-Dichloropropane	0.492	0.557		13.21	20
Dibromomethane	0.376	0.419		11.44	20
Bromodichloromethane	0.778	0.870		11.82	20
4-Methyl-2-Pentanone	0.661	0.770		16.49	20
Toluene	1.147	1.390		21.19	20
t-1,3-Dichloropropene	0.678	0.811		19.62	20
cis-1,3-Dichloropropene	0.749	0.891		18.96	20
2-Hexanone	0.463	0.579		25.05	20
Dibromochloromethane	0.586	0.698		19.11	20
1,2-Dibromoethane	0.526	0.621		18.06	20
Tetrachloroethene	0.419	0.472		12.65	20
Chlorobenzene	1.393	1.547	0.3	10.98	20
1,1,1,2-Tetrachloroethane	0.503	0.582		15.71	20
Ethyl Benzene	2.108	2.531		20.07	20
m/p-Xylenes	0.814	1.051		29.11	20
o-Xylene	0.720	0.926		28.61	20
Styrene	1.263	1.770		40.14	20
Bromoform	0.393	0.490	0.1	24.68	20
1,1,2,2-Tetrachloroethane	1.589	1.472	0.3	-7.36	20
1,2,3-Trichloropropane	1.138	1.053		-7.47	20
1,4-Dichlorobenzene	2.089	2.097		0.38	20
1,2-Dichlorobenzene	1.779	1.851		4.05	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>Q3254</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>10/03/2025</u> <u>08:53</u>
Lab File ID:	<u>VV039242.D</u>	Init. Calib. Date(s):	<u>09/22/2025</u> <u>09/22/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:26</u> <u>16:35</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	0.330	0.287		-13.03	20
1,2-Dichloroethane-d4	0.724	0.604		-16.58	20
Dibromofluoromethane	0.402	0.442		9.95	20
Toluene-d8	1.181	1.194		1.1	20
4-Bromofluorobenzene	0.486	0.586		20.58	20
Methyl Iodide	0.746	0.854		14.48	20
trans-1,4-Dichloro-2-butene	0.474	0.497		4.85	20

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

LAB CHRONICLE

OrderID:	Q3254	OrderDate:	9/30/2025 12:37:00 PM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Ansonia Landfill 2025
Contact:	John Gerlach	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3254-01	MW-1	Water	Metals Group4	6010D	09/29/25	10/01/25	10/02/25	09/30/25
Q3254-02	MW-1	Water	Dissolved Metals Group5	6010D	09/29/25	10/01/25	10/02/25	09/30/25
Q3254-03	MW-2	Water	Metals Group4	6010D	09/29/25	10/01/25	10/02/25	09/30/25
Q3254-04	MW-2	Water	Dissolved Metals Group5	6010D	09/29/25	10/01/25	10/02/25	09/30/25
Q3254-05	MW-3	Water	Metals Group4	6010D	09/29/25	10/01/25	10/02/25	09/30/25
Q3254-06	MW-3	Water	Dissolved Metals Group5	6010D	09/29/25	10/01/25	10/02/25	09/30/25
Q3254-07	MW-4	Water	Metals Group4	6010D	09/29/25	10/01/25	10/02/25	09/30/25
Q3254-08	MW-4	Water	Dissolved Metals Group5	6010D	09/29/25	10/01/25	10/02/25	09/30/25

Hit Summary Sheet
SW-846

SDG No.: Q3254 **Order ID:** Q3254
Client: Lockwood, Kessler & Bartlett, Inc. **Project ID:** Ansonia Landfill 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-1								
Q3254-01	MW-1	Water	Antimony	4.47	J	3.38	25.0	ug/L
Q3254-01	MW-1	Water	Barium	76.7		7.28	50.0	ug/L
Q3254-01	MW-1	Water	Cadmium	1.37	J	0.25	3.00	ug/L
Q3254-01	MW-1	Water	Nickel	3.83	J	1.53	20.0	ug/L
Q3254-01	MW-1	Water	Potassium	3730		459	1000	ug/L
Q3254-01	MW-1	Water	Selenium	4.83	J	4.82	10.0	ug/L
Q3254-01	MW-1	Water	Sodium	45500		434	1000	ug/L
Q3254-01	MW-1	Water	Thallium	5.29	J	2.19	20.0	ug/L
Q3254-01	MW-1	Water	Zinc	133		8.33	20.0	ug/L
Client ID : MW-1								
Q3254-02	MW-1	Water	Iron	18.9	J	11.7	50.0	ug/L
Q3254-02	MW-1	Water	Manganese	55.6		2.97	10.0	ug/L
Client ID : MW-2								
Q3254-03	MW-2	Water	Barium	161		7.28	50.0	ug/L
Q3254-03	MW-2	Water	Beryllium	0.40	J	0.28	3.00	ug/L
Q3254-03	MW-2	Water	Chromium	1.99	J	1.06	5.00	ug/L
Q3254-03	MW-2	Water	Cobalt	1.37	J	1.13	15.0	ug/L
Q3254-03	MW-2	Water	Copper	9.25	J	2.30	10.0	ug/L
Q3254-03	MW-2	Water	Lead	3.76	J	1.15	6.00	ug/L
Q3254-03	MW-2	Water	Nickel	19.3	J	1.53	20.0	ug/L
Q3254-03	MW-2	Water	Potassium	20900		459	1000	ug/L
Q3254-03	MW-2	Water	Sodium	225000		434	1000	ug/L
Q3254-03	MW-2	Water	Thallium	5.84	J	2.19	20.0	ug/L
Q3254-03	MW-2	Water	Zinc	63.7		8.33	20.0	ug/L
Client ID : MW-2								
Q3254-04	MW-2	Water	Iron	10000		11.7	50.0	ug/L
Q3254-04	MW-2	Water	Manganese	1160		2.97	10.0	ug/L
Client ID : MW-3								
Q3254-05	MW-3	Water	Barium	145		7.28	50.0	ug/L
Q3254-05	MW-3	Water	Chromium	1.41	J	1.06	5.00	ug/L
Q3254-05	MW-3	Water	Cobalt	1.24	J	1.13	15.0	ug/L
Q3254-05	MW-3	Water	Lead	1.49	J	1.15	6.00	ug/L
Q3254-05	MW-3	Water	Nickel	2.14	J	1.53	20.0	ug/L
Q3254-05	MW-3	Water	Potassium	14400		459	1000	ug/L
Q3254-05	MW-3	Water	Sodium	137000		434	1000	ug/L

Hit Summary Sheet
SW-846

SDG No.:	Q3254	Order ID:	Q3254
Client:	Lockwood, Kessler & Bartlett, Inc.	Project ID:	Ansonia Landfill 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3254-05	MW-3	Water	Thallium	7.19	J	2.19	20.0	ug/L
Q3254-05	MW-3	Water	Zinc	21.2		8.33	20.0	ug/L
Client ID : MW-3								
Q3254-06	MW-3	Water	Iron	2020		11.7	50.0	ug/L
Q3254-06	MW-3	Water	Manganese	499		2.97	10.0	ug/L
Client ID : MW-4								
Q3254-07	MW-4	Water	Barium	165		7.28	50.0	ug/L
Q3254-07	MW-4	Water	Beryllium	0.44	J	0.28	3.00	ug/L
Q3254-07	MW-4	Water	Chromium	1.87	J	1.06	5.00	ug/L
Q3254-07	MW-4	Water	Cobalt	1.37	J	1.13	15.0	ug/L
Q3254-07	MW-4	Water	Copper	10.5		2.30	10.0	ug/L
Q3254-07	MW-4	Water	Lead	3.57	J	1.15	6.00	ug/L
Q3254-07	MW-4	Water	Nickel	20.0		1.53	20.0	ug/L
Q3254-07	MW-4	Water	Potassium	22200		459	1000	ug/L
Q3254-07	MW-4	Water	Sodium	230000		434	1000	ug/L
Q3254-07	MW-4	Water	Thallium	8.73	J	2.19	20.0	ug/L
Q3254-07	MW-4	Water	Vanadium	4.16	J	3.13	20.0	ug/L
Q3254-07	MW-4	Water	Zinc	67.6		8.33	20.0	ug/L
Client ID : MW-4								
Q3254-08	MW-4	Water	Iron	9590		11.7	50.0	ug/L
Q3254-08	MW-4	Water	Manganese	1210		2.97	10.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1	SDG No.:	Q3254
Lab Sample ID:	Q3254-01	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	4.47	J	1	3.38	25.0	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-38-2	Arsenic	10.0	U	1	2.56	10.0	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-39-3	Barium	76.7		1	7.28	50.0	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-41-7	Beryllium	3.00	U	1	0.28	3.00	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-43-9	Cadmium	1.37	J	1	0.25	3.00	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-47-3	Chromium	5.00	U	1	1.06	5.00	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-48-4	Cobalt	15.0	U	1	1.13	15.0	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-50-8	Copper	10.0	U	1	2.30	10.0	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7439-92-1	Lead	6.00	U	1	1.15	6.00	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-02-0	Nickel	3.83	J	1	1.53	20.0	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-09-7	Potassium	3730		1	459	1000	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7782-49-2	Selenium	4.83	J	1	4.82	10.0	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-22-4	Silver	5.00	U	1	0.81	5.00	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-23-5	Sodium	45500		1	434	1000	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-28-0	Thallium	5.29	J	1	2.19	20.0	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-62-2	Vanadium	20.0	U	1	3.13	20.0	ug/L	10/01/25 10:45	10/02/25 14:34	6010D	SW3010
7440-66-6	Zinc	133		1	8.33	20.0	ug/L	10/01/25 10:45	10/02/25 14:34	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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1	SDG No.:	Q3254
Lab Sample ID:	Q3254-02	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	18.9	J	1	11.7	50.0	ug/L	10/01/25 10:45	10/02/25 14:38	6010D	SW3010
7439-96-5	Manganese	55.6		1	2.97	10.0	ug/L	10/01/25 10:45	10/02/25 14:38	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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2	SDG No.:	Q3254
Lab Sample ID:	Q3254-03	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	25.0	U	1	3.38	25.0	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-38-2	Arsenic	10.0	U	1	2.56	10.0	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-39-3	Barium	161		1	7.28	50.0	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-41-7	Beryllium	0.40	J	1	0.28	3.00	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-43-9	Cadmium	3.00	U	1	0.25	3.00	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-47-3	Chromium	1.99	J	1	1.06	5.00	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-48-4	Cobalt	1.37	J	1	1.13	15.0	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-50-8	Copper	9.25	J	1	2.30	10.0	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7439-92-1	Lead	3.76	J	1	1.15	6.00	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-02-0	Nickel	19.3	J	1	1.53	20.0	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-09-7	Potassium	20900		1	459	1000	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7782-49-2	Selenium	10.0	U	1	4.82	10.0	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-22-4	Silver	5.00	U	1	0.81	5.00	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-23-5	Sodium	225000		1	434	1000	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-28-0	Thallium	5.84	J	1	2.19	20.0	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-62-2	Vanadium	20.0	U	1	3.13	20.0	ug/L	10/01/25 10:45	10/02/25 14:43	6010D	SW3010
7440-66-6	Zinc	63.7		1	8.33	20.0	ug/L	10/01/25 10:45	10/02/25 14:43	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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2	SDG No.:	Q3254
Lab Sample ID:	Q3254-04	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	10000	1	11.7		50.0	ug/L	10/01/25 10:45	10/02/25 14:57	6010D	SW3010
7439-96-5	Manganese	1160	1	2.97		10.0	ug/L	10/01/25 10:45	10/02/25 14:57	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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3	SDG No.:	Q3254
Lab Sample ID:	Q3254-05	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	25.0	U	1	3.38	25.0	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-38-2	Arsenic	10.0	U	1	2.56	10.0	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-39-3	Barium	145		1	7.28	50.0	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-41-7	Beryllium	3.00	U	1	0.28	3.00	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-43-9	Cadmium	3.00	U	1	0.25	3.00	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-47-3	Chromium	1.41	J	1	1.06	5.00	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-48-4	Cobalt	1.24	J	1	1.13	15.0	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-50-8	Copper	10.0	U	1	2.30	10.0	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7439-92-1	Lead	1.49	J	1	1.15	6.00	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-02-0	Nickel	2.14	J	1	1.53	20.0	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-09-7	Potassium	14400		1	459	1000	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7782-49-2	Selenium	10.0	U	1	4.82	10.0	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-22-4	Silver	5.00	U	1	0.81	5.00	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-23-5	Sodium	137000		1	434	1000	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-28-0	Thallium	7.19	J	1	2.19	20.0	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-62-2	Vanadium	20.0	U	1	3.13	20.0	ug/L	10/01/25 10:45	10/02/25 15:01	6010D	SW3010
7440-66-6	Zinc	21.2		1	8.33	20.0	ug/L	10/01/25 10:45	10/02/25 15:01	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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3	SDG No.:	Q3254
Lab Sample ID:	Q3254-06	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	2020	1	11.7		50.0	ug/L	10/01/25 10:45	10/02/25 15:05	6010D	SW3010
7439-96-5	Manganese	499	1	2.97		10.0	ug/L	10/01/25 10:45	10/02/25 15:05	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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4	SDG No.:	Q3254
Lab Sample ID:	Q3254-07	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	25.0	U	1	3.38	25.0	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-38-2	Arsenic	10.0	U	1	2.56	10.0	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-39-3	Barium	165		1	7.28	50.0	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-41-7	Beryllium	0.44	J	1	0.28	3.00	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-43-9	Cadmium	3.00	U	1	0.25	3.00	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-47-3	Chromium	1.87	J	1	1.06	5.00	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-48-4	Cobalt	1.37	J	1	1.13	15.0	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-50-8	Copper	10.5		1	2.30	10.0	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7439-92-1	Lead	3.57	J	1	1.15	6.00	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-02-0	Nickel	20.0		1	1.53	20.0	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-09-7	Potassium	22200		1	459	1000	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7782-49-2	Selenium	10.0	U	1	4.82	10.0	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-22-4	Silver	5.00	U	1	0.81	5.00	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-23-5	Sodium	230000		1	434	1000	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-28-0	Thallium	8.73	J	1	2.19	20.0	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-62-2	Vanadium	4.16	J	1	3.13	20.0	ug/L	10/01/25 10:45	10/02/25 15:09	6010D	SW3010
7440-66-6	Zinc	67.6		1	8.33	20.0	ug/L	10/01/25 10:45	10/02/25 15:09	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:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4	SDG No.:	Q3254
Lab Sample ID:	Q3254-08	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	9590	1	11.7		50.0	ug/L	10/01/25 10:45	10/02/25 15:34	6010D	SW3010
7439-96-5	Manganese	1210	1	2.97		10.0	ug/L	10/01/25 10:45	10/02/25 15:34	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.: Q3254

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	10/02/2025	11:07	LB137406
	Arsenic	4010	4000	100	90 - 110	P	10/02/2025	11:07	LB137406
	Barium	7650	8000	96	90 - 110	P	10/02/2025	11:07	LB137406
	Beryllium	201	200	101	90 - 110	P	10/02/2025	11:07	LB137406
	Cadmium	1970	2000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Chromium	824	800	103	90 - 110	P	10/02/2025	11:07	LB137406
	Cobalt	1970	2000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Copper	1010	1000	101	90 - 110	P	10/02/2025	11:07	LB137406
	Iron	3990	4000	100	90 - 110	P	10/02/2025	11:07	LB137406
	Lead	3870	4000	97	90 - 110	P	10/02/2025	11:07	LB137406
	Manganese	1940	2000	97	90 - 110	P	10/02/2025	11:07	LB137406
	Nickel	1980	2000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Potassium	19600	20000	98	90 - 110	P	10/02/2025	11:07	LB137406
	Selenium	4040	4000	101	90 - 110	P	10/02/2025	11:07	LB137406
	Silver	987	1000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Sodium	19000	20000	95	90 - 110	P	10/02/2025	11:07	LB137406
	Thallium	3980	4000	100	90 - 110	P	10/02/2025	11:07	LB137406
	Vanadium	1960	2000	98	90 - 110	P	10/02/2025	11:07	LB137406
	Zinc	2010	2000	100	90 - 110	P	10/02/2025	11:07	LB137406

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	52.3	50.0	104	80 - 120	P	10/02/2025	11:11	LB137406
	Arsenic	21.7	20.0	108	80 - 120	P	10/02/2025	11:11	LB137406
	Barium	113	100	113	80 - 120	P	10/02/2025	11:11	LB137406
	Beryllium	6.80	6.0	113	80 - 120	P	10/02/2025	11:11	LB137406
	Cadmium	6.03	6.0	100	80 - 120	P	10/02/2025	11:11	LB137406
	Chromium	11.2	10.0	112	80 - 120	P	10/02/2025	11:11	LB137406
	Cobalt	30.1	30.0	100	80 - 120	P	10/02/2025	11:11	LB137406
	Copper	22.2	20.0	111	80 - 120	P	10/02/2025	11:11	LB137406
	Iron	104	100	104	80 - 120	P	10/02/2025	11:11	LB137406
	Lead	13.2	12.0	110	80 - 120	P	10/02/2025	11:11	LB137406
	Manganese	21.5	20.0	108	80 - 120	P	10/02/2025	11:11	LB137406
	Nickel	40.4	40.0	101	80 - 120	P	10/02/2025	11:11	LB137406
	Potassium	1770	2000	88	80 - 120	P	10/02/2025	11:11	LB137406
	Selenium	22.8	20.0	114	80 - 120	P	10/02/2025	11:11	LB137406
	Silver	11.0	10.0	110	80 - 120	P	10/02/2025	11:11	LB137406
	Sodium	1690	2000	84	80 - 120	P	10/02/2025	11:11	LB137406
	Thallium	46.1	40.0	115	80 - 120	P	10/02/2025	11:11	LB137406
	Vanadium	42.2	40.0	106	80 - 120	P	10/02/2025	11:11	LB137406
	Zinc	42.4	40.0	106	80 - 120	P	10/02/2025	11:11	LB137406

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.: Q3254
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Antimony	4950	5000	99	90 - 110	P	10/02/2025	11:58	LB137406
	Arsenic	5100	5000	102	90 - 110	P	10/02/2025	11:58	LB137406
	Barium	9630	10000	96	90 - 110	P	10/02/2025	11:58	LB137406
	Beryllium	267	250	107	90 - 110	P	10/02/2025	11:58	LB137406
	Cadmium	2530	2500	101	90 - 110	P	10/02/2025	11:58	LB137406
	Chromium	1040	1000	104	90 - 110	P	10/02/2025	11:58	LB137406
	Cobalt	2490	2500	100	90 - 110	P	10/02/2025	11:58	LB137406
	Copper	1260	1250	101	90 - 110	P	10/02/2025	11:58	LB137406
	Iron	4740	5000	95	90 - 110	P	10/02/2025	11:58	LB137406
	Lead	5080	5000	102	90 - 110	P	10/02/2025	11:58	LB137406
	Manganese	2440	2500	98	90 - 110	P	10/02/2025	11:58	LB137406
	Nickel	2500	2500	100	90 - 110	P	10/02/2025	11:58	LB137406
	Potassium	23300	25000	93	90 - 110	P	10/02/2025	11:58	LB137406
	Selenium	5120	5000	102	90 - 110	P	10/02/2025	11:58	LB137406
	Silver	1260	1250	101	90 - 110	P	10/02/2025	11:58	LB137406
	Sodium	22800	25000	91	90 - 110	P	10/02/2025	11:58	LB137406
	Thallium	5080	5000	102	90 - 110	P	10/02/2025	11:58	LB137406
	Vanadium	2470	2500	99	90 - 110	P	10/02/2025	11:58	LB137406
	Zinc	2520	2500	101	90 - 110	P	10/02/2025	11:58	LB137406
CCV02	Antimony	4830	5000	97	90 - 110	P	10/02/2025	13:48	LB137406
	Arsenic	5200	5000	104	90 - 110	P	10/02/2025	13:48	LB137406
	Barium	9090	10000	91	90 - 110	P	10/02/2025	13:48	LB137406
	Beryllium	246	250	98	90 - 110	P	10/02/2025	13:48	LB137406
	Cadmium	2570	2500	103	90 - 110	P	10/02/2025	13:48	LB137406
	Chromium	1070	1000	107	90 - 110	P	10/02/2025	13:48	LB137406
	Cobalt	2460	2500	99	90 - 110	P	10/02/2025	13:48	LB137406
	Copper	1260	1250	101	90 - 110	P	10/02/2025	13:48	LB137406
	Iron	5120	5000	102	90 - 110	P	10/02/2025	13:48	LB137406
	Lead	5240	5000	105	90 - 110	P	10/02/2025	13:48	LB137406
	Manganese	2330	2500	93	90 - 110	P	10/02/2025	13:48	LB137406
	Nickel	2490	2500	99	90 - 110	P	10/02/2025	13:48	LB137406
	Potassium	23300	25000	93	90 - 110	P	10/02/2025	13:48	LB137406
	Selenium	5320	5000	106	90 - 110	P	10/02/2025	13:48	LB137406
	Silver	1280	1250	102	90 - 110	P	10/02/2025	13:48	LB137406

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.: Q3254

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Sodium	24800	25000	99	90 - 110	P	10/02/2025	13:48	LB137406
	Thallium	5290	5000	106	90 - 110	P	10/02/2025	13:48	LB137406
	Vanadium	2390	2500	96	90 - 110	P	10/02/2025	13:48	LB137406
	Zinc	2500	2500	100	90 - 110	P	10/02/2025	13:48	LB137406
CCV03	Antimony	4800	5000	96	90 - 110	P	10/02/2025	14:47	LB137406
	Arsenic	5170	5000	104	90 - 110	P	10/02/2025	14:47	LB137406
	Barium	9030	10000	90	90 - 110	P	10/02/2025	14:47	LB137406
	Beryllium	243	250	97	90 - 110	P	10/02/2025	14:47	LB137406
	Cadmium	2560	2500	103	90 - 110	P	10/02/2025	14:47	LB137406
	Chromium	1050	1000	105	90 - 110	P	10/02/2025	14:47	LB137406
	Cobalt	2450	2500	98	90 - 110	P	10/02/2025	14:47	LB137406
	Copper	1250	1250	100	90 - 110	P	10/02/2025	14:47	LB137406
	Iron	5080	5000	102	90 - 110	P	10/02/2025	14:47	LB137406
	Lead	5220	5000	104	90 - 110	P	10/02/2025	14:47	LB137406
	Manganese	2320	2500	93	90 - 110	P	10/02/2025	14:47	LB137406
	Nickel	2470	2500	99	90 - 110	P	10/02/2025	14:47	LB137406
	Potassium	24700	25000	99	90 - 110	P	10/02/2025	14:47	LB137406
	Selenium	5300	5000	106	90 - 110	P	10/02/2025	14:47	LB137406
	Silver	1250	1250	100	90 - 110	P	10/02/2025	14:47	LB137406
	Sodium	24400	25000	98	90 - 110	P	10/02/2025	14:47	LB137406
	Thallium	5300	5000	106	90 - 110	P	10/02/2025	14:47	LB137406
	Vanadium	2360	2500	95	90 - 110	P	10/02/2025	14:47	LB137406
	Zinc	2470	2500	99	90 - 110	P	10/02/2025	14:47	LB137406
CCV04	Antimony	4920	5000	98	90 - 110	P	10/02/2025	15:54	LB137406
	Arsenic	5460	5000	109	90 - 110	P	10/02/2025	15:54	LB137406
	Barium	9070	10000	91	90 - 110	P	10/02/2025	15:54	LB137406
	Beryllium	234	250	93	90 - 110	P	10/02/2025	15:54	LB137406
	Cadmium	2660	2500	106	90 - 110	P	10/02/2025	15:54	LB137406
	Chromium	1070	1000	107	90 - 110	P	10/02/2025	15:54	LB137406
	Cobalt	2480	2500	99	90 - 110	P	10/02/2025	15:54	LB137406
	Copper	1290	1250	103	90 - 110	P	10/02/2025	15:54	LB137406
	Iron	5300	5000	106	90 - 110	P	10/02/2025	15:54	LB137406
	Lead	5270	5000	106	90 - 110	P	10/02/2025	15:54	LB137406
	Manganese	2340	2500	94	90 - 110	P	10/02/2025	15:54	LB137406

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.: Q3254
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Nickel	2520	2500	101	90 - 110	P	10/02/2025	15:54	LB137406
	Potassium	24200	25000	97	90 - 110	P	10/02/2025	15:54	LB137406
	Selenium	4900	5000	98	90 - 110	P	10/02/2025	15:54	LB137406
	Silver	1290	1250	103	90 - 110	P	10/02/2025	15:54	LB137406
	Sodium	23300	25000	93	90 - 110	P	10/02/2025	15:54	LB137406
	Thallium	5170	5000	103	90 - 110	P	10/02/2025	15:54	LB137406
	Vanadium	2400	2500	96	90 - 110	P	10/02/2025	15:54	LB137406
	Zinc	2510	2500	100	90 - 110	P	10/02/2025	15:54	LB137406
CCV05	Antimony	4750	5000	95	90 - 110	P	10/02/2025	17:31	LB137406
	Arsenic	5060	5000	101	90 - 110	P	10/02/2025	17:31	LB137406
	Barium	9160	10000	92	90 - 110	P	10/02/2025	17:31	LB137406
	Beryllium	239	250	96	90 - 110	P	10/02/2025	17:31	LB137406
	Cadmium	2530	2500	101	90 - 110	P	10/02/2025	17:31	LB137406
	Chromium	1020	1000	102	90 - 110	P	10/02/2025	17:31	LB137406
	Cobalt	2430	2500	97	90 - 110	P	10/02/2025	17:31	LB137406
	Copper	1240	1250	99	90 - 110	P	10/02/2025	17:31	LB137406
	Iron	5480	5000	110	90 - 110	P	10/02/2025	17:31	LB137406
	Lead	5140	5000	103	90 - 110	P	10/02/2025	17:31	LB137406
	Manganese	2350	2500	94	90 - 110	P	10/02/2025	17:31	LB137406
	Nickel	2450	2500	98	90 - 110	P	10/02/2025	17:31	LB137406
	Potassium	22500	25000	90	90 - 110	P	10/02/2025	17:31	LB137406
	Selenium	5150	5000	103	90 - 110	P	10/02/2025	17:31	LB137406
	Silver	1230	1250	99	90 - 110	P	10/02/2025	17:31	LB137406
	Sodium	26000	25000	104	90 - 110	P	10/02/2025	17:31	LB137406
	Thallium	4690	5000	94	90 - 110	P	10/02/2025	17:31	LB137406
	Vanadium	2370	2500	95	90 - 110	P	10/02/2025	17:31	LB137406
	Zinc	2430	2500	97	90 - 110	P	10/02/2025	17:31	LB137406
CCV06	Antimony	4830	5000	96	90 - 110	P	10/02/2025	18:17	LB137406
	Arsenic	5210	5000	104	90 - 110	P	10/02/2025	18:17	LB137406
	Barium	9140	10000	91	90 - 110	P	10/02/2025	18:17	LB137406
	Beryllium	252	250	101	90 - 110	P	10/02/2025	18:17	LB137406
	Cadmium	2590	2500	104	90 - 110	P	10/02/2025	18:17	LB137406
	Chromium	1040	1000	104	90 - 110	P	10/02/2025	18:17	LB137406
	Cobalt	2460	2500	98	90 - 110	P	10/02/2025	18:17	LB137406

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.: Q3254
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Copper	1270	1250	101	90 - 110	P	10/02/2025	18:17	LB137406
	Iron	5380	5000	108	90 - 110	P	10/02/2025	18:17	LB137406
	Lead	5290	5000	106	90 - 110	P	10/02/2025	18:17	LB137406
	Manganese	2360	2500	94	90 - 110	P	10/02/2025	18:17	LB137406
	Nickel	2490	2500	100	90 - 110	P	10/02/2025	18:17	LB137406
	Potassium	24700	25000	99	90 - 110	P	10/02/2025	18:17	LB137406
	Selenium	5010	5000	100	90 - 110	P	10/02/2025	18:17	LB137406
	Silver	1250	1250	100	90 - 110	P	10/02/2025	18:17	LB137406
	Sodium	26000	25000	104	90 - 110	P	10/02/2025	18:17	LB137406
	Thallium	4730	5000	94	90 - 110	P	10/02/2025	18:17	LB137406
	Vanadium	2370	2500	95	90 - 110	P	10/02/2025	18:17	LB137406
	Zinc	2450	2500	98	90 - 110	P	10/02/2025	18:17	LB137406

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	4030	4000	101	90 - 110	P	10/03/2025	12:18	LB137426
	Arsenic	3940	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Barium	7900	8000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Beryllium	199	200	100	90 - 110	P	10/03/2025	12:18	LB137426
	Cadmium	1950	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Chromium	799	800	100	90 - 110	P	10/03/2025	12:18	LB137426
	Cobalt	1950	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Copper	1010	1000	101	90 - 110	P	10/03/2025	12:18	LB137426
	Iron	3950	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Lead	3840	4000	96	90 - 110	P	10/03/2025	12:18	LB137426
	Manganese	1980	2000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Nickel	1960	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Potassium	19400	20000	97	90 - 110	P	10/03/2025	12:18	LB137426
	Selenium	3960	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Silver	960	1000	96	90 - 110	P	10/03/2025	12:18	LB137426
	Sodium	19300	20000	97	90 - 110	P	10/03/2025	12:18	LB137426
	Thallium	3750	4000	94	90 - 110	P	10/03/2025	12:18	LB137426
	Vanadium	1960	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Zinc	1980	2000	99	90 - 110	P	10/03/2025	12:18	LB137426

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	53.8	50.0	108	80 - 120	P	10/03/2025	13:05	LB137426
	Arsenic	22.0	20.0	110	80 - 120	P	10/03/2025	13:05	LB137426
	Barium	99.1	100	99	80 - 120	P	10/03/2025	13:05	LB137426
	Beryllium	6.51	6.0	108	80 - 120	P	10/03/2025	13:05	LB137426
	Cadmium	6.05	6.0	101	80 - 120	P	10/03/2025	13:05	LB137426
	Chromium	10.4	10.0	104	80 - 120	P	10/03/2025	13:05	LB137426
	Cobalt	30.1	30.0	100	80 - 120	P	10/03/2025	13:05	LB137426
	Copper	21.3	20.0	107	80 - 120	P	10/03/2025	13:05	LB137426
	Iron	92.9	100	93	80 - 120	P	10/03/2025	13:05	LB137426
	Lead	12.8	12.0	107	80 - 120	P	10/03/2025	13:05	LB137426
	Manganese	21.2	20.0	106	80 - 120	P	10/03/2025	13:05	LB137426
	Nickel	41.3	40.0	103	80 - 120	P	10/03/2025	13:05	LB137426
	Potassium	1960	2000	98	80 - 120	P	10/03/2025	13:05	LB137426
	Selenium	19.3	20.0	96	80 - 120	P	10/03/2025	13:05	LB137426
	Silver	10.2	10.0	102	80 - 120	P	10/03/2025	13:05	LB137426
	Sodium	1990	2000	100	80 - 120	P	10/03/2025	13:05	LB137426
	Thallium	41.8	40.0	104	80 - 120	P	10/03/2025	13:05	LB137426
	Vanadium	39.2	40.0	98	80 - 120	P	10/03/2025	13:05	LB137426
	Zinc	42.4	40.0	106	80 - 120	P	10/03/2025	13:05	LB137426

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3254

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Antimony	5040	5000	101	90 - 110	P	10/03/2025	13:37	LB137426
	Arsenic	5030	5000	100	90 - 110	P	10/03/2025	13:37	LB137426
	Barium	10000	10000	100	90 - 110	P	10/03/2025	13:37	LB137426
	Beryllium	247	250	99	90 - 110	P	10/03/2025	13:37	LB137426
	Cadmium	2490	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Chromium	989	1000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Cobalt	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
	Copper	1260	1250	101	90 - 110	P	10/03/2025	13:37	LB137426
	Iron	4900	5000	98	90 - 110	P	10/03/2025	13:37	LB137426
	Lead	4940	5000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Manganese	2500	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Nickel	2490	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Potassium	24200	25000	97	90 - 110	P	10/03/2025	13:37	LB137426
	Selenium	5050	5000	101	90 - 110	P	10/03/2025	13:37	LB137426
	Silver	1230	1250	98	90 - 110	P	10/03/2025	13:37	LB137426
	Sodium	24400	25000	97	90 - 110	P	10/03/2025	13:37	LB137426
	Thallium	4650	5000	93	90 - 110	P	10/03/2025	13:37	LB137426
	Vanadium	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
	Zinc	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
CCV02	Antimony	4990	5000	100	90 - 110	P	10/03/2025	15:00	LB137426
	Arsenic	4990	5000	100	90 - 110	P	10/03/2025	15:00	LB137426
	Barium	9880	10000	99	90 - 110	P	10/03/2025	15:00	LB137426
	Beryllium	244	250	98	90 - 110	P	10/03/2025	15:00	LB137426
	Cadmium	2460	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Chromium	984	1000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Cobalt	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Copper	1240	1250	99	90 - 110	P	10/03/2025	15:00	LB137426
	Iron	4860	5000	97	90 - 110	P	10/03/2025	15:00	LB137426
	Lead	4890	5000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Manganese	2440	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Nickel	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Potassium	24400	25000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Selenium	5040	5000	101	90 - 110	P	10/03/2025	15:00	LB137426
	Silver	1230	1250	98	90 - 110	P	10/03/2025	15:00	LB137426

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3254

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Sodium	24300	25000	97	90 - 110	P	10/03/2025	15:00	LB137426
	Thallium	4580	5000	92	90 - 110	P	10/03/2025	15:00	LB137426
	Vanadium	2470	2500	99	90 - 110	P	10/03/2025	15:00	LB137426
	Zinc	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
CCV03	Antimony	5140	5000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Arsenic	5080	5000	102	90 - 110	P	10/03/2025	15:51	LB137426
	Barium	10000	10000	100	90 - 110	P	10/03/2025	15:51	LB137426
	Beryllium	239	250	96	90 - 110	P	10/03/2025	15:51	LB137426
	Cadmium	2440	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Chromium	972	1000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Cobalt	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Copper	1250	1250	100	90 - 110	P	10/03/2025	15:51	LB137426
	Iron	5230	5000	105	90 - 110	P	10/03/2025	15:51	LB137426
	Lead	4860	5000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Manganese	2420	2500	97	90 - 110	P	10/03/2025	15:51	LB137426
	Nickel	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Potassium	25700	25000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Selenium	5170	5000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Silver	1240	1250	99	90 - 110	P	10/03/2025	15:51	LB137426
	Sodium	27300	25000	109	90 - 110	P	10/03/2025	15:51	LB137426
	Thallium	5250	5000	105	90 - 110	P	10/03/2025	15:51	LB137426
	Vanadium	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Zinc	2490	2500	100	90 - 110	P	10/03/2025	15:51	LB137426
CCV04	Antimony	5020	5000	100	90 - 110	P	10/03/2025	16:45	LB137426
	Arsenic	4930	5000	99	90 - 110	P	10/03/2025	16:45	LB137426
	Barium	9780	10000	98	90 - 110	P	10/03/2025	16:45	LB137426
	Beryllium	234	250	93	90 - 110	P	10/03/2025	16:45	LB137426
	Cadmium	2360	2500	94	90 - 110	P	10/03/2025	16:45	LB137426
	Chromium	938	1000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Cobalt	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426
	Copper	1210	1250	97	90 - 110	P	10/03/2025	16:45	LB137426
	Iron	5120	5000	102	90 - 110	P	10/03/2025	16:45	LB137426
	Lead	4700	5000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Manganese	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

SDG No.: Q3254
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Nickel	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426
	Potassium	24100	25000	96	90 - 110	P	10/03/2025	16:45	LB137426
	Selenium	5060	5000	101	90 - 110	P	10/03/2025	16:45	LB137426
	Silver	1210	1250	97	90 - 110	P	10/03/2025	16:45	LB137426
	Sodium	25400	25000	102	90 - 110	P	10/03/2025	16:45	LB137426
	Thallium	5250	5000	105	90 - 110	P	10/03/2025	16:45	LB137426
	Vanadium	2390	2500	96	90 - 110	P	10/03/2025	16:45	LB137426
	Zinc	2420	2500	97	90 - 110	P	10/03/2025	16:45	LB137426

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3254
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	53.4	50.0	107	65 - 135	P	10/02/2025	11:36	LB137406
	Arsenic	23.1	20.0	116	65 - 135	P	10/02/2025	11:36	LB137406
	Barium	113	100	113	65 - 135	P	10/02/2025	11:36	LB137406
	Beryllium	6.95	6.0	116	65 - 135	P	10/02/2025	11:36	LB137406
	Cadmium	6.02	6.0	100	65 - 135	P	10/02/2025	11:36	LB137406
	Chromium	10.5	10.0	105	65 - 135	P	10/02/2025	11:36	LB137406
	Cobalt	30.2	30.0	101	65 - 135	P	10/02/2025	11:36	LB137406
	Copper	22.5	20.0	112	65 - 135	P	10/02/2025	11:36	LB137406
	Iron	88.5	100	88	65 - 135	P	10/02/2025	11:36	LB137406
	Lead	13.3	12.0	111	65 - 135	P	10/02/2025	11:36	LB137406
	Manganese	21.0	20.0	105	65 - 135	P	10/02/2025	11:36	LB137406
	Nickel	40.8	40.0	102	65 - 135	P	10/02/2025	11:36	LB137406
	Potassium	1530	2000	77	65 - 135	P	10/02/2025	11:36	LB137406
	Selenium	23.8	20.0	119	65 - 135	P	10/02/2025	11:36	LB137406
	Silver	10.3	10.0	103	65 - 135	P	10/02/2025	11:36	LB137406
	Sodium	1490	2000	74	65 - 135	P	10/02/2025	11:36	LB137406
	Thallium	46.6	40.0	117	65 - 135	P	10/02/2025	11:36	LB137406
	Vanadium	37.2	40.0	93	65 - 135	P	10/02/2025	11:36	LB137406
	Zinc	41.5	40.0	104	65 - 135	P	10/02/2025	11:36	LB137406
CRI01	Antimony	50.6	50.0	101	65 - 135	P	10/03/2025	13:16	LB137426
	Arsenic	21.4	20.0	107	65 - 135	P	10/03/2025	13:16	LB137426
	Barium	100	100	100	65 - 135	P	10/03/2025	13:16	LB137426
	Beryllium	6.49	6.0	108	65 - 135	P	10/03/2025	13:16	LB137426
	Cadmium	6.04	6.0	101	65 - 135	P	10/03/2025	13:16	LB137426
	Chromium	9.90	10.0	99	65 - 135	P	10/03/2025	13:16	LB137426
	Cobalt	29.7	30.0	99	65 - 135	P	10/03/2025	13:16	LB137426
	Copper	21.2	20.0	106	65 - 135	P	10/03/2025	13:16	LB137426
	Iron	91.2	100	91	65 - 135	P	10/03/2025	13:16	LB137426
	Lead	10.2	12.0	85	65 - 135	P	10/03/2025	13:16	LB137426
	Manganese	21.0	20.0	105	65 - 135	P	10/03/2025	13:16	LB137426
	Nickel	40.9	40.0	102	65 - 135	P	10/03/2025	13:16	LB137426
	Potassium	1890	2000	94	65 - 135	P	10/03/2025	13:16	LB137426
	Selenium	21.2	20.0	106	65 - 135	P	10/03/2025	13:16	LB137426
	Silver	10.5	10.0	105	65 - 135	P	10/03/2025	13:16	LB137426
	Sodium	1910	2000	95	65 - 135	P	10/03/2025	13:16	LB137426
	Thallium	39.4	40.0	98	65 - 135	P	10/03/2025	13:16	LB137426

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	Vanadium	39.8	40.0	100	65 - 135	P	10/03/2025	13:16	LB137426
	Zinc	42.0	40.0	105	65 - 135	P	10/03/2025	13:16	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	10/02/2025	11:27	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	11:27	LB137406
	Barium	15.3	+/-50	J	100	P	10/02/2025	11:27	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	11:27	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	11:27	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	11:27	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	11:27	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	11:27	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	11:27	LB137406
	Lead	3.04	+/-6	J	12.0	P	10/02/2025	11:27	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	11:27	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	11:27	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	11:27	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	11:27	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	11:27	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	11:27	LB137406
	Thallium	4.38	+/-20	U	40.0	P	10/02/2025	11:27	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	11:27	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	11:27	LB137406

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	10/02/2025	12:02	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	12:02	LB137406
	Barium	14.6	+/-50	U	100	P	10/02/2025	12:02	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	12:02	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	12:02	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	12:02	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	12:02	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	12:02	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	12:02	LB137406
	Lead	2.30	+/-6	U	12.0	P	10/02/2025	12:02	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	12:02	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	12:02	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	12:02	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	12:02	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	12:02	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	12:02	LB137406
	Thallium	4.38	+/-20	U	40.0	P	10/02/2025	12:02	LB137406
CCB02	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	12:02	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	12:02	LB137406
	Antimony	7.17	+/-25	J	50.0	P	10/02/2025	13:52	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	13:52	LB137406
	Barium	36.1	+/-50	J	100	P	10/02/2025	13:52	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	13:52	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	13:52	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	13:52	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	13:52	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	13:52	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	13:52	LB137406
	Lead	2.30	+/-6	U	12.0	P	10/02/2025	13:52	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	13:52	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	13:52	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	13:52	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	13:52	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	13:52	LB137406
CCB03	Sodium	868	+/-1000	U	2000	P	10/02/2025	13:52	LB137406
	Thallium	9.07	+/-20	J	40.0	P	10/02/2025	13:52	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	13:52	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	13:52	LB137406
	Antimony	9.80	+/-25	J	50.0	P	10/02/2025	14:53	LB137406

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	10/02/2025	14:53	LB137406
	Barium	35.3	+/-50	J	100	P	10/02/2025	14:53	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	14:53	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	14:53	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	14:53	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	14:53	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	14:53	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	14:53	LB137406
	Lead	4.60	+/-6	J	12.0	P	10/02/2025	14:53	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	14:53	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	14:53	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	14:53	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	14:53	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	14:53	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	14:53	LB137406
	Thallium	8.77	+/-20	J	40.0	P	10/02/2025	14:53	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	14:53	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	14:53	LB137406
CCB04	Antimony	13.8	+/-25	J	50.0	P	10/02/2025	16:05	LB137406
	Arsenic	5.72	+/-10	J	20.0	P	10/02/2025	16:05	LB137406
	Barium	44.2	+/-50	J	100	P	10/02/2025	16:05	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	16:05	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	16:05	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	16:05	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	16:05	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	16:05	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	16:05	LB137406
	Lead	2.67	+/-6	J	12.0	P	10/02/2025	16:05	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	16:05	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	16:05	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	16:05	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	16:05	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	16:05	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	16:05	LB137406
	Thallium	17.5	+/-20	J	40.0	P	10/02/2025	16:05	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	16:05	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	16:05	LB137406
CCB05	Antimony	6.76	+/-25	U	50.0	P	10/02/2025	17:35	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	17:35	LB137406

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	32.0	+/-50	J	100	P	10/02/2025	17:35	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	17:35	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	17:35	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	17:35	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	17:35	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	17:35	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	17:35	LB137406
	Lead	2.81	+/-6	J	12.0	P	10/02/2025	17:35	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	17:35	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	17:35	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	17:35	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	17:35	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	17:35	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	17:35	LB137406
	Thallium	6.83	+/-20	J	40.0	P	10/02/2025	17:35	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	17:35	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	17:35	LB137406
CCB06	Antimony	9.78	+/-25	J	50.0	P	10/02/2025	18:21	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	18:21	LB137406
	Barium	37.5	+/-50	J	100	P	10/02/2025	18:21	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	18:21	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	18:21	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	18:21	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	18:21	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	18:21	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	18:21	LB137406
	Lead	3.53	+/-6	J	12.0	P	10/02/2025	18:21	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	18:21	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	18:21	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	18:21	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	18:21	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	18:21	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	18:21	LB137406
	Thallium	12.0	+/-20	J	40.0	P	10/02/2025	18:21	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	18:21	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	18:21	LB137406

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	10/03/2025	13:12	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	13:12	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	13:12	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	13:12	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	13:12	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	13:12	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	13:12	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	13:12	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	13:12	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	13:12	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	10/03/2025	13:41	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	13:41	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	13:41	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	13:41	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	13:41	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	13:41	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	13:41	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	13:41	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	13:41	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
CCB02	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	15:04	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	15:04	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	15:04	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	15:04	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	15:04	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	15:04	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	15:04	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	15:04	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	15:04	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Thallium	10.1	+/-20	J	40.0	P	10/03/2025	15:04	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
CCB03	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	16:00	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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	10/03/2025	16:00	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	16:00	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	16:00	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	16:00	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	16:00	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	16:00	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	16:00	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	16:00	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	16:00	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
CCB04	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	16:49	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	16:49	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	16:49	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	16:49	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	16:49	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	16:49	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	16:49	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	16:49	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	16:49	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	16:49	LB137426

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169937BL	WATER			Batch Number:	PB169937		Prep Date:	10/01/2025	
	Antimony	3.38	<12.5	U	25.0	P	10/03/2025	14:07	LB137426
	Arsenic	2.56	<5	U	10.0	P	10/03/2025	14:07	LB137426
	Barium	7.28	<25	U	50.0	P	10/03/2025	14:07	LB137426
	Beryllium	0.28	<1.5	U	3.00	P	10/03/2025	14:07	LB137426
	Cadmium	0.25	<1.5	U	3.00	P	10/03/2025	14:07	LB137426
	Chromium	1.06	<2.5	U	5.00	P	10/03/2025	14:07	LB137426
	Cobalt	1.13	<7.5	U	15.0	P	10/03/2025	14:07	LB137426
	Copper	2.30	<5	U	10.0	P	10/03/2025	14:07	LB137426
	Iron	11.7	<25	U	50.0	P	10/03/2025	14:07	LB137426
	Lead	1.15	<3	U	6.00	P	10/03/2025	14:07	LB137426
	Manganese	2.97	<5	U	10.0	P	10/03/2025	14:07	LB137426
	Nickel	1.53	<10	U	20.0	P	10/03/2025	14:07	LB137426
	Potassium	459	<500	U	1000	P	10/03/2025	14:07	LB137426
	Selenium	4.82	<5	U	10.0	P	10/03/2025	14:07	LB137426
	Silver	0.81	<2.5	U	5.00	P	10/03/2025	14:07	LB137426
	Sodium	434	<500	U	1000	P	10/03/2025	14:07	LB137426
	Thallium	2.19	<10	U	20.0	P	10/03/2025	14:07	LB137426
	Vanadium	3.13	<10	U	20.0	P	10/03/2025	14:07	LB137426
	Zinc	8.33	<10	U	20.0	P	10/03/2025	14:07	LB137426

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	SDG No.: <u>Q3254</u>
Contract: <u>LOCK01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Antimony	1.99			-50	50	10/02/2025	11:42	LB137406
	Arsenic	5.85			-20	20	10/02/2025	11:42	LB137406
	Barium	18.7	6.0	312	-94	106	10/02/2025	11:42	LB137406
	Beryllium	1.98			-6	6	10/02/2025	11:42	LB137406
	Cadmium	-1.23	1.0	123	-5	7	10/02/2025	11:42	LB137406
	Chromium	50.8	52.0	98	42	62	10/02/2025	11:42	LB137406
	Cobalt	0.27			-30	30	10/02/2025	11:42	LB137406
	Copper	3.53	2.0	176	-18	22	10/02/2025	11:42	LB137406
	Iron	96000	101000	95	85600	116500	10/02/2025	11:42	LB137406
	Lead	-7.87			-12	12	10/02/2025	11:42	LB137406
	Manganese	0.23	7.0	3	-13	27	10/02/2025	11:42	LB137406
	Nickel	3.41	2.0	170	-38	42	10/02/2025	11:42	LB137406
	Potassium	-102			0	0	10/02/2025	11:42	LB137406
	Selenium	-8.13			-20	20	10/02/2025	11:42	LB137406
	Silver	-3.77			-10	10	10/02/2025	11:42	LB137406
	Sodium	-181			0	0	10/02/2025	11:42	LB137406
	Thallium	14.0			-40	40	10/02/2025	11:42	LB137406
	Vanadium	2.54			-40	40	10/02/2025	11:42	LB137406
	Zinc	-0.077			-40	40	10/02/2025	11:42	LB137406
ICSAB01	Antimony	622	618	101	525	711	10/02/2025	11:46	LB137406
	Arsenic	110	104	106	88.4	120	10/02/2025	11:46	LB137406
	Barium	515	537	96	437	637	10/02/2025	11:46	LB137406
	Beryllium	548	495	111	420	570	10/02/2025	11:46	LB137406
	Cadmium	1040	972	107	826	1120	10/02/2025	11:46	LB137406
	Chromium	594	542	110	460	624	10/02/2025	11:46	LB137406
	Cobalt	515	476	108	404	548	10/02/2025	11:46	LB137406
	Copper	510	511	100	434	588	10/02/2025	11:46	LB137406
	Iron	98300	99300	99	84400	114500	10/02/2025	11:46	LB137406
	Lead	42.6	49.0	87	37	61	10/02/2025	11:46	LB137406
	Manganese	497	507	98	430	584	10/02/2025	11:46	LB137406
	Nickel	1030	954	108	810	1100	10/02/2025	11:46	LB137406
	Potassium	-265			0	0	10/02/2025	11:46	LB137406
	Selenium	46.7	46.0	102	26	66	10/02/2025	11:46	LB137406
	Silver	212	201	106	170	232	10/02/2025	11:46	LB137406
	Sodium	-229			0	0	10/02/2025	11:46	LB137406
	Thallium	115	108	106	68	148	10/02/2025	11:46	LB137406
	Vanadium	499	491	102	417	565	10/02/2025	11:46	LB137406
	Zinc	1060	952	111	809	1095	10/02/2025	11:46	LB137406
ICSA01	Antimony	3.52			-50	50	10/03/2025	13:20	LB137426
	Arsenic	8.41			-20	20	10/03/2025	13:20	LB137426
	Barium	1.66	6.0	28	-94	106	10/03/2025	13:20	LB137426
	Beryllium	1.42			-6	6	10/03/2025	13:20	LB137426

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	SDG No.: <u>Q3254</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	Cadmium	0.91	1.0	91	-5	7	10/03/2025	13:20	LB137426
	Chromium	46.6	52.0	90	42	62	10/03/2025	13:20	LB137426
	Cobalt	0.68			-30	30	10/03/2025	13:20	LB137426
	Copper	3.06	2.0	153	-18	22	10/03/2025	13:20	LB137426
	Iron	99600	101000	99	85600	116500	10/03/2025	13:20	LB137426
	Lead	0.97			-12	12	10/03/2025	13:20	LB137426
	Manganese	-1.76	7.0	25	-13	27	10/03/2025	13:20	LB137426
	Nickel	3.93	2.0	196	-38	42	10/03/2025	13:20	LB137426
	Potassium	187			0	0	10/03/2025	13:20	LB137426
	Selenium	9.27			-20	20	10/03/2025	13:20	LB137426
	Silver	1.41			-10	10	10/03/2025	13:20	LB137426
	Sodium	127			0	0	10/03/2025	13:20	LB137426
	Thallium	11.3			-40	40	10/03/2025	13:20	LB137426
	Vanadium	4.84			-40	40	10/03/2025	13:20	LB137426
	Zinc	1.66			-40	40	10/03/2025	13:20	LB137426
ICSAB01	Antimony	609	618	98	525	711	10/03/2025	13:25	LB137426
	Arsenic	110	104	106	88.4	120	10/03/2025	13:25	LB137426
	Barium	496	537	92	437	637	10/03/2025	13:25	LB137426
	Beryllium	516	495	104	420	570	10/03/2025	13:25	LB137426
	Cadmium	980	972	101	826	1120	10/03/2025	13:25	LB137426
	Chromium	553	542	102	460	624	10/03/2025	13:25	LB137426
	Cobalt	491	476	103	404	548	10/03/2025	13:25	LB137426
	Copper	484	511	95	434	588	10/03/2025	13:25	LB137426
	Iron	97500	99300	98	84400	114500	10/03/2025	13:25	LB137426
	Lead	49.1	49.0	100	37	61	10/03/2025	13:25	LB137426
	Manganese	492	507	97	430	584	10/03/2025	13:25	LB137426
	Nickel	981	954	103	810	1100	10/03/2025	13:25	LB137426
	Potassium	15.2			0	0	10/03/2025	13:25	LB137426
	Selenium	56.4	46.0	123	26	66	10/03/2025	13:25	LB137426
	Silver	208	201	104	170	232	10/03/2025	13:25	LB137426
	Sodium	92.2			0	0	10/03/2025	13:25	LB137426
	Thallium	105	108	97	68	148	10/03/2025	13:25	LB137426
	Vanadium	485	491	99	417	565	10/03/2025	13:25	LB137426
	Zinc	1030	952	108	809	1095	10/03/2025	13:25	LB137426



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Lockwood, Kessler & Bartlett, Inc. **level:** low **sdg no.:** Q3254
contract: LOCK01 **lab code:** ACE
matrix: Water **sample id:** Q3254-07 **client id:** MW-4MS
Percent Solids for Sample: NA **Spiked ID:** Q3254-07MS **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	400		25.0	U	400	100		P
Arsenic	ug/L	75 - 125	448		10.0	U	400	112		P
Barium	ug/L	75 - 125	260		165		100	96		P
Beryllium	ug/L	75 - 125	104		0.44	J	100	104		P
Cadmium	ug/L	75 - 125	111		3.00	U	100	111		P
Chromium	ug/L	75 - 125	221		1.87	J	200	109		P
Cobalt	ug/L	75 - 125	106		1.37	J	100	105		P
Copper	ug/L	75 - 125	164		10.5		150	102		P
Iron	ug/L	75 - 125	11200		10800		1500	23		P
Lead	ug/L	75 - 125	545		3.57	J	500	108		P
Manganese	ug/L	75 - 125	1290		1180		100	117		P
Nickel	ug/L	75 - 125	285		20.0		250	106		P
Potassium	ug/L	75 - 125	25000		22200		5000	55		P
Selenium	ug/L	75 - 125	1160		10.0	U	1000	116		P
Silver	ug/L	75 - 125	36.4		5.00	U	37.5	97		P
Sodium	ug/L	75 - 125	211000		230000		1500	-1265		P
Thallium	ug/L	75 - 125	1110		8.73	J	1000	110		P
Vanadium	ug/L	75 - 125	149		4.16	J	150	97		P
Zinc	ug/L	75 - 125	172		67.6		100	104		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q3254</u>
contract:	<u>LOCK01</u>	lab code:	<u>ACE</u>		
matrix:	<u>Water</u>	sample id:	<u>Q3254-07</u>	client id:	<u>MW-4MSD</u>
Percent Solids for Sample:	NA	Spiked ID:	Q3254-07MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	435		25.0	U	400	109		P
Arsenic	ug/L	75 - 125	480		10.0	U	400	120		P
Barium	ug/L	75 - 125	280		165		100	115		P
Beryllium	ug/L	75 - 125	112		0.44	J	100	112		P
Cadmium	ug/L	75 - 125	118		3.00	U	100	118		P
Chromium	ug/L	75 - 125	234		1.87	J	200	116		P
Cobalt	ug/L	75 - 125	113		1.37	J	100	111		P
Copper	ug/L	75 - 125	175		10.5		150	110		P
Iron	ug/L	75 - 125	11900		10800		1500	76		P
Lead	ug/L	75 - 125	585		3.57	J	500	116		P
Manganese	ug/L	75 - 125	1410		1180		100	231		P
Nickel	ug/L	75 - 125	304		20.0		250	113		P
Potassium	ug/L	75 - 125	27100		22200		5000	98		P
Selenium	ug/L	75 - 125	1240		10.0	U	1000	124		P
Silver	ug/L	75 - 125	39.8		5.00	U	37.5	106		P
Sodium	ug/L	75 - 125	224000		230000		1500	-401		P
Thallium	ug/L	75 - 125	1060		8.73	J	1000	105		P
Vanadium	ug/L	75 - 125	155		4.16	J	150	101		P
Zinc	ug/L	75 - 125	183		67.6		100	115		P

Metals
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Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Contract: LOCK01

Lab Code: ACE

Matrix:

Level: LOW

Client ID:

Sample ID:

Spiked ID:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **Level:** LOW **SDG No.:** Q3254
Contract: LOCK01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3254-07 **Client ID:** MW-4DUP
Percent Solids for Sample: NA **Duplicate ID** Q3254-07DUP **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	165		168		2		P
Beryllium	ug/L	20	0.44	J	0.51	J	14		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	1.87	J	1.85	J	1		P
Cobalt	ug/L	20	1.37	J	1.33	J	3		P
Copper	ug/L	20	10.5		11.1		5		P
Iron	ug/L	20	10800		9990		8		P
Lead	ug/L	20	3.57	J	4.48	J	23		P
Manganese	ug/L	20	1180		1190		1		P
Nickel	ug/L	20	20.0		19.8	J	1		P
Potassium	ug/L	20	22200		20700		7		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	230000		213000		8		P
Thallium	ug/L	20	8.73	J	8.97	J	3		P
Vanadium	ug/L	20	4.16	J	20.0	U	200.0		P
Zinc	ug/L	20	67.6		66.7		1		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.:** Q3254
Contract: LOCK01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3254-07MS **Client ID:** MW-4MSD
Percent Solids for Sample: NA **Duplicate ID** Q3254-07MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	400		435		8		P
Arsenic	ug/L	20	448		480		7		P
Barium	ug/L	20	260		280		7		P
Beryllium	ug/L	20	104		112		7		P
Cadmium	ug/L	20	111		118		6		P
Chromium	ug/L	20	221		234		6		P
Cobalt	ug/L	20	106		113		6		P
Copper	ug/L	20	164		175		6		P
Iron	ug/L	20	11200		11900		6		P
Lead	ug/L	20	545		585		7		P
Manganese	ug/L	20	1290		1410		9		P
Nickel	ug/L	20	285		304		6		P
Potassium	ug/L	20	25000		27100		8		P
Selenium	ug/L	20	1160		1240		7		P
Silver	ug/L	20	36.4		39.8		9		P
Sodium	ug/L	20	211000		224000		6		P
Thallium	ug/L	20	1110		1060		5		P
Vanadium	ug/L	20	149		155		4		P
Zinc	ug/L	20	172		183		6		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.:** Q3254
Contract: LOCK01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169937BS							
Antimony	ug/L	400	393		98	80 - 120	P
Arsenic	ug/L	400	379		95	80 - 120	P
Barium	ug/L	100	93.3		93	80 - 120	P
Beryllium	ug/L	100	96.4		96	80 - 120	P
Cadmium	ug/L	100	93.5		94	80 - 120	P
Chromium	ug/L	200	207		104	80 - 120	P
Cobalt	ug/L	100	94.5		94	80 - 120	P
Copper	ug/L	150	148		99	80 - 120	P
Iron	ug/L	1500	1490		99	80 - 120	P
Lead	ug/L	500	461		92	80 - 120	P
Manganese	ug/L	100	98.0		98	80 - 120	P
Nickel	ug/L	250	247		99	80 - 120	P
Potassium	ug/L	5000	4670		93	80 - 120	P
Selenium	ug/L	1000	961		96	80 - 120	P
Silver	ug/L	37.5	35.5		95	80 - 120	P
Sodium	ug/L	1500	1430		95	80 - 120	P
Thallium	ug/L	1000	926		93	80 - 120	P
Vanadium	ug/L	150	144		96	80 - 120	P
Zinc	ug/L	100	97.7		98	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-4L

Lab Name: Alliance **Contract:** LOCK01
Lab Code: ACE **Lb No.:** lb137406 **Lab Sample ID :** Q3254-07L **SDG No.:** Q3254
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	21.8	J	100.0		P
Arsenic	10.0	U	16.5	J	100.0		P
Barium	165		251		52		P
Beryllium	0.44	J	15.0	U	100.0		P
Cadmium	3.00	U	15.0	U			P
Chromium	1.87	J	5.76	J	208		P
Cobalt	1.37	J	75.0	U	100.0		P
Copper	10.5		14.4	J	37		P
Iron	10800		10300		5		P
Lead	3.57	J	11.4	J	219		P
Manganese	1180		1290		10		P
Nickel	20.0		18.9	J	6		P
Potassium	22200		31400		41		P
Selenium	10.0	U	44.7	J	100.0		P
Silver	5.00	U	25.0	U			P
Sodium	230000		212000		8		P
Thallium	8.73	J	47.9	J	449		P
Vanadium	4.16	J	16.4	J	294		P
Zinc	67.6		68.0	J	1		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Contract: LOCK01

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

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 INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Contract: LOCK01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Contract: LOCK01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Contract: LOCK01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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



METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q3254
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: PB169937							
PB169937BL	PB169937BL	MB	WATER	10/01/2025	50.0	25.0	
PB169937BS	PB169937BS	LCS	WATER	10/01/2025	50.0	25.0	
Q3254-01	MW-1	SAM	WATER	10/01/2025	50.0	25.0	
Q3254-02	MW-1	SAM	WATER	10/01/2025	50.0	25.0	
Q3254-03	MW-2	SAM	WATER	10/01/2025	50.0	25.0	
Q3254-04	MW-2	SAM	WATER	10/01/2025	50.0	25.0	
Q3254-05	MW-3	SAM	WATER	10/01/2025	50.0	25.0	
Q3254-06	MW-3	SAM	WATER	10/01/2025	50.0	25.0	
Q3254-07	MW-4	SAM	WATER	10/01/2025	50.0	25.0	
Q3254-07DUP	MW-4DUP	DUP	WATER	10/01/2025	50.0	25.0	
Q3254-07MS	MW-4MS	MS	WATER	10/01/2025	50.0	25.0	
Q3254-07MSD	MW-4MSD	MSD	WATER	10/01/2025	50.0	25.0	
Q3254-08	MW-4	SAM	WATER	10/01/2025	50.0	25.0	

metals
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ANALYSIS RUN LOG

Client: Lockwood, Kessler & Bartlett, Inc.
Contract: LOCK01
Lab code: ACE
Sdg no.: Q3254
Instrument id number: _____

Method: _____

Run number: LB137406
Start date: 10/02/2025
End date: 10/02/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1037	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1042	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1046	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1050	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1054	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1058	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1107	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1111	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1127	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1136	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1142	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1146	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1158	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1202	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1348	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1352	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3254-01	MW-1	1	1434	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3254-02	MW-1	1	1438	Fe,Mn
Q3254-03	MW-2	1	1443	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1447	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1453	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3254-04	MW-2	1	1457	Fe,Mn
Q3254-05	MW-3	1	1501	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3254-06	MW-3	1	1505	Fe,Mn
Q3254-07	MW-4	1	1509	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3254-07DUP	MW-4DUP	1	1513	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3254-07L	MW-4L	5	1518	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3254-07MS	MW-4MS	1	1522	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3254-07MSD	MW-4MSD	1	1526	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3254-08	MW-4	1	1534	Fe,Mn
CCV04	CCV04	1	1554	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1605	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1731	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1735	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1817	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1821	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Lab code: ACE

Sdg no.: Q3254

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

Run number: LB137426

Start date: 10/03/2025 **End date:** 10/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1153	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1158	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1202	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1206	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1210	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1214	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1218	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1305	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1312	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1316	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1320	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1325	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1337	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1341	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169937BL	PB169937BL	1	1407	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169937BS	PB169937BS	1	1412	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1500	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1504	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1551	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1600	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1645	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1649	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn

LAB CHRONICLE

OrderID:	Q3254	OrderDate:	9/30/2025 12:37:00 PM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Ansonia Landfill 2025
Contact:	John Gerlach	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3254-01	MW-1	WATER			09/29/25 09:45			09/30/25
			Alkalinity	SM2320 B			10/06/25 13:04	
			Ammonia	SM4500-NH3		10/02/25	10/03/25 10:29	
			Anions Group1	300.0			09/30/25 13:41	
			BOD5	SM5210 B			10/01/25 09:30	
			TDS	SM2540 C			10/02/25 12:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		10/02/25	10/03/25 14:22	
			Total Nitrogen	Cal			10/03/25 14:22	
			TSS	SM2540 D			10/03/25 13:30	
			Turbidity	SM2130 B			10/01/25 09:40	
Q3254-01DL	MW-1DL	WATER			09/29/25 09:45			09/30/25
			Anions Group1	300.0			09/30/25 16:34	
Q3254-03	MW-2	WATER			09/29/25 11:15			09/30/25
			Alkalinity	SM2320 B			10/06/25 13:10	

LAB CHRONICLE

Ammonia	SM4500-NH3	10/02/25	10/03/25
			10:29
Anions Group1	300.0		09/30/25
			14:46
BOD5	SM5210 B		10/01/25
			09:30
TDS	SM2540 C		10/02/25
			12:30
TKN	SM4500-N	10/02/25	10/03/25
	Org C-11 plus		14:22
	NH3 B plus		
	G-11		
Total Nitrogen	Cal		10/03/25
			14:33
TSS	SM2540 D		10/03/25
			13:30
Turbidity	SM2130 B		10/01/25
			09:45

Q3254-03DL

MW-2DL

WATER

**09/29/25
11:15**

09/30/25

Ammonia	SM4500-NH3	10/02/25	10/03/25
			11:10
Anions Group1	300.0		09/30/25
TKN	SM4500-N		16:55
	Org C-11 plus	10/02/25	10/03/25
	NH3 B plus		14:33
	G-11		

Q3254-05

MW-3

WATER

**09/29/25
12:30**

09/30/25

Alkalinity	SM2320 B		10/06/25
			13:14
Ammonia	SM4500-NH3	10/02/25	10/03/25
			10:29
Anions Group1	300.0		09/30/25
			15:08
BOD5	SM5210 B		10/01/25
			09:30
TDS	SM2540 C		10/02/25
			12:30

LAB CHRONICLE

Q3254-05DL	MW-3DL	WATER	TKN	SM4500-N Org C-11 plus NH3 B plus G-11	10/02/25	10/03/25 14:22	09/29/25 12:30	09/30/25
			Total Nitrogen	Cal		10/03/25 14:22		
			TSS	SM2540 D		10/03/25 13:30		
			Turbidity	SM2130 B		10/01/25 09:47		
			Ammonia	SM4500-NH3	10/02/25	10/03/25 11:10		
Q3254-07	MW-4	WATER	Anions Group1	300.0		09/30/25 18:00	09/29/25 11:45	09/30/25
			Alkalinity	SM2320 B		10/06/25 13:20		
			Ammonia	SM4500-NH3	10/02/25	10/03/25 10:29		
			Anions Group1	300.0		09/30/25 15:29		
			BOD5	SM5210 B		10/01/25 09:30		
			TDS	SM2540 C		10/02/25 12:30		
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	10/02/25	10/03/25 14:22		
			Total Nitrogen	Cal		10/03/25 14:38		
			TSS	SM2540 D		10/03/25 13:30		
			Turbidity	SM2130 B		10/01/25 09:50		

LAB CHRONICLE

Q3254-07DL	MW-4DL	WATER		09/29/25 11:45		09/30/25
		Ammonia	SM4500-NH3	10/02/25	10/03/25 11:10	
		Anions Group1	300.0		09/30/25 18:21	
		TKN	SM4500-N	10/02/25	10/03/25 14:38	
			Org C-11 plus			
			NH3 B plus			
			G-11			



SAMPLE DATA

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 09:45
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1	SDG No.:	Q3254
Lab Sample ID:	Q3254-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	57.7		1	1.00	2.00	mg/L		10/06/25 13:04	SM 2320 B-21
Ammonia as N	0.10	U	1	0.030	0.10	mg/L	10/02/25 14:10	10/03/25 10:29	SM 4500-NH3 B plus G-21
Chloride	167	OR	1	0.19	0.60	mg/L		09/30/25 13:41	300.0
Nitrite	0.60	U	1	0.074	0.60	mg/L		09/30/25 13:41	300.0
Nitrate	3.20		1	0.095	0.50	mg/L		09/30/25 13:41	300.0
Sulfate	27.8		1	0.46	3.00	mg/L		09/30/25 13:41	300.0
Nitrate+Nitrite	3.20		1	0.17	1.10	mg/L		09/30/25 13:41	300.0
BOD5	2.00	U	1	0.20	2.00	mg/L		10/01/25 09:30	SM 5210 B-16
TDS	321		1	1.00	10.0	mg/L		10/02/25 12:30	SM 2540 C-20
TKN	0.18	J	1	0.11	0.50	mg/L	10/02/25 08:50	10/03/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	3.38		1	0.31	1.30	mg/L		10/03/25 14:22	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	4.00	U	1	1.00	4.00	mg/L		10/03/25 13:30	SM 2540 D-20
Turbidity	0.41	J	1	0.15	1.00	NTU		10/01/25 09:40	SM 2130 B-20

Comments: The alkalinity to pH 4.25=57.7 mg CaCO3/L

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:	09/29/25 09:45
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1DL	SDG No.:	Q3254
Lab Sample ID:	Q3254-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	120	D	50	9.50	30.0	mg/L		09/30/25 16:34	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:	09/29/25 11:15
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2	SDG No.:	Q3254
Lab Sample ID:	Q3254-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	427		1	1.00	2.00	mg/L		10/06/25 13:10	SM 2320 B-21
Ammonia as N	11.8	OR	1	0.030	0.10	mg/L	10/02/25 14:10	10/03/25 10:29	SM 4500-NH3 B plus G-21
Chloride	551	OR	1	0.19	0.60	mg/L		09/30/25 14:46	300.0
Nitrite	0.60	U	1	0.074	0.60	mg/L		09/30/25 14:46	300.0
Nitrate	0.50	U	1	0.095	0.50	mg/L		09/30/25 14:46	300.0
Sulfate	33.0		1	0.46	3.00	mg/L		09/30/25 14:46	300.0
Nitrate+Nitrite	1.10	U	1	0.17	1.10	mg/L		09/30/25 14:46	300.0
BOD5	42.1		1	0.20	2.00	mg/L		10/01/25 09:30	SM 5210 B-16
TDS	1120		1	1.00	10.0	mg/L		10/02/25 12:30	SM 2540 C-20
TKN	10.8	OR	1	0.11	0.50	mg/L	10/02/25 08:50	10/03/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	10.7		1	0.31	1.30	mg/L		10/03/25 14:33	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	49.5		1	1.00	4.00	mg/L		10/03/25 13:30	SM 2540 D-20
Turbidity	146		1	0.15	1.00	NTU		10/01/25 09:45	SM 2130 B-20

Comments: The alkalinity to pH 4.44=427 mg CaCO3/L

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:	09/29/25 11:15
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2DL	SDG No.:	Q3254
Lab Sample ID:	Q3254-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	11.1	D	10	0.30	1.00	mg/L	10/02/25 14:10	10/03/25 11:10	SM 4500-NH3 B plus G-21
Chloride	369	D	100	19.0	60.0	mg/L		09/30/25 16:55	300.0
TKN	10.7	D	2	0.22	1.00	mg/L	10/02/25 08:50	10/03/25 14:33	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:	09/29/25 12:30
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3	SDG No.:	Q3254
Lab Sample ID:	Q3254-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	374		1	1.00	2.00	mg/L		10/06/25 13:14	SM 2320 B-21
Ammonia as N	4.80	OR	1	0.030	0.10	mg/L	10/02/25 14:10	10/03/25 10:29	SM 4500-NH3 B plus G-21
Chloride	384	OR	1	0.19	0.60	mg/L		09/30/25 15:08	300.0
Nitrite	0.60	U	1	0.074	0.60	mg/L		09/30/25 15:08	300.0
Nitrate	0.97		1	0.095	0.50	mg/L		09/30/25 15:08	300.0
Sulfate	28.3		1	0.46	3.00	mg/L		09/30/25 15:08	300.0
Nitrate+Nitrite	0.97	J	1	0.17	1.10	mg/L		09/30/25 15:08	300.0
BOD5	25.6		1	0.20	2.00	mg/L		10/01/25 09:30	SM 5210 B-16
TDS	875		1	1.00	10.0	mg/L		10/02/25 12:30	SM 2540 C-20
TKN	4.90		1	0.11	0.50	mg/L	10/02/25 08:50	10/03/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	5.87		1	0.31	1.30	mg/L		10/03/25 14:22	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	11.0		1	1.00	4.00	mg/L		10/03/25 13:30	SM 2540 D-20
Turbidity	28.9		1	0.15	1.00	NTU		10/01/25 09:47	SM 2130 B-20

Comments: The alkalinity to pH 4.22=374 mg CaCO3/L

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:	09/29/25 12:30
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3DL	SDG No.:	Q3254
Lab Sample ID:	Q3254-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	4.60	D	5	0.15	0.50	mg/L	10/02/25 14:10	10/03/25 11:10	SM 4500-NH3 B plus G-21
Chloride	261	D	100	19.0	60.0	mg/L		09/30/25 18:00	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:	09/29/25 11:45
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4	SDG No.:	Q3254
Lab Sample ID:	Q3254-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	424		1	1.00	2.00	mg/L		10/06/25 13:20	SM 2320 B-21
Ammonia as N	11.7	OR	1	0.030	0.10	mg/L	10/02/25 14:10	10/03/25 10:29	SM 4500-NH3 B plus G-21
Chloride	552	OR	1	0.19	0.60	mg/L		09/30/25 15:29	300.0
Nitrite	0.60	U	1	0.074	0.60	mg/L		09/30/25 15:29	300.0
Nitrate	0.50	U	1	0.095	0.50	mg/L		09/30/25 15:29	300.0
Sulfate	33.2		1	0.46	3.00	mg/L		09/30/25 15:29	300.0
Nitrate+Nitrite	1.10	U	1	0.17	1.10	mg/L		09/30/25 15:29	300.0
BOD5	44.5		1	0.20	2.00	mg/L		10/01/25 09:30	SM 5210 B-16
TDS	1060		1	1.00	10.0	mg/L		10/02/25 12:30	SM 2540 C-20
TKN	11.3	OR	1	0.11	0.50	mg/L	10/02/25 08:50	10/03/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	11.3		1	0.31	1.30	mg/L		10/03/25 14:38	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	23.3		1	1.00	4.00	mg/L		10/03/25 13:30	SM 2540 D-20
Turbidity	142		1	0.15	1.00	NTU		10/01/25 09:50	SM 2130 B-20

Comments: The alkalinity to pH 4.48=424 mg CaCO3/L

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:	09/29/25 11:45
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4DL	SDG No.:	Q3254
Lab Sample ID:	Q3254-07DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	11.2	D	10	0.30	1.00	mg/L	10/02/25 14:10	10/03/25 11:10	SM 4500-NH3 B plus G-21
Chloride	374	D	100	19.0	60.0	mg/L		09/30/25 18:21	300.0
TKN	11.3	D	2	0.22	1.00	mg/L	10/02/25 08:50	10/03/25 14:38	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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

RunNo.: LB137383

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	10.5	10	105	90-110	09/30/2025
Chloride	mg/L	3.1	3	103	90-110	09/30/2025
Fluoride	mg/L	2.1	2	105	90-110	09/30/2025
Nitrite	mg/L	3.1	3	103	90-110	09/30/2025
Nitrate	mg/L	2.6	2.5	104	90-110	09/30/2025
Sulfate	mg/L	15.4	15	103	90-110	09/30/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	09/30/2025
Sample ID: CCV2						
Bromide	mg/L	10.4	10	104	90-110	09/30/2025
Chloride	mg/L	3.1	3	103	90-110	09/30/2025
Fluoride	mg/L	2.1	2	105	90-110	09/30/2025
Nitrite	mg/L	3.1	3	103	90-110	09/30/2025
Nitrate	mg/L	2.6	2.5	104	90-110	09/30/2025
Sulfate	mg/L	15.2	15	101	90-110	09/30/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	09/30/2025
Sample ID: CCV3						
Bromide	mg/L	10.4	10	104	90-110	09/30/2025
Chloride	mg/L	3.1	3	103	90-110	09/30/2025
Fluoride	mg/L	2.1	2	105	90-110	09/30/2025
Nitrite	mg/L	3.1	3	103	90-110	09/30/2025
Nitrate	mg/L	2.6	2.5	104	90-110	09/30/2025
Sulfate	mg/L	15.3	15	102	90-110	09/30/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	09/30/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

RunNo.: LB137384

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Turbidity		NTU	10.846	10	108	90-110	10/01/2025
Sample ID:	CCV1						
Turbidity		NTU	10.249	10	102	90-110	10/01/2025
Sample ID:	CCV2						
Turbidity		NTU	10.747	10	107	90-110	10/01/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

RunNo.: LB137417

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	10/03/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.97	1	97	90-110	10/03/2025
Sample ID: CCV2 Ammonia as N	mg/L	0.97	1	97	90-110	10/03/2025
Sample ID: CCV3 Ammonia as N	mg/L	1	1	100	90-110	10/03/2025
Sample ID: CCV4 Ammonia as N	mg/L	0.98	1	98	90-110	10/03/2025

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

RunNo.: LB137420

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TKN	mg/L	5.1	5	102	90-110	10/03/2025
Sample ID: CCV1 TKN	mg/L	4.9	5	98	90-110	10/03/2025
Sample ID: CCV2 TKN	mg/L	4.9	5	98	90-110	10/03/2025
Sample ID: CCV3 TKN	mg/L	4.9	5	98	90-110	10/03/2025
Sample ID: CCV4 TKN	mg/L	5.1	5	102	90-110	10/03/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

RunNo.: LB137383

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	09/30/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/30/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/30/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/30/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/30/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/30/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/30/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/30/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/30/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/30/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/30/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/30/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/30/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/30/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/30/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/30/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/30/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/30/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/30/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/30/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/30/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.	SDG No.: Q3254
Project: Ansonia Landfill 2025	RunNo.: LB137384

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Turbidity	NTU	0.357	0.5000	J	0.15	1.0	10/01/2025
Sample ID: CCB1 Turbidity	NTU	0.351	0.5000	J	0.15	1	10/01/2025
Sample ID: CCB2 Turbidity	NTU	0.350	0.5000	J	0.15	1	10/01/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

RunNo.: LB137417

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	10/03/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/03/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/03/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/03/2025
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/03/2025

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

RunNo.: LB137420

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TKN	mg/L	0.14	0.2500	J	0.11	0.5	10/03/2025
Sample ID: CCB1 TKN	mg/L	0.14	0.2500	J	0.11	0.5	10/03/2025
Sample ID: CCB2 TKN	mg/L	0.14	0.2500	J	0.11	0.5	10/03/2025
Sample ID: CCB3 TKN	mg/L	0.13	0.2500	J	0.11	0.5	10/03/2025
Sample ID: CCB4 TKN	mg/L	0.13	0.2500	J	0.11	0.5	10/03/2025

Preparation Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137381BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	10/01/2025
Sample ID: LB137383BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/30/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/30/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/30/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/30/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/30/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/30/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/30/2025
Sample ID: LB137384BL							
Turbidity	NTU	0.34	0.5000	J	0.15	1.0	10/01/2025
Sample ID: LB137393BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	10/02/2025
Sample ID: LB137419BL							
TSS	mg/L	1	2.0000	J	1	4	10/03/2025
Sample ID: LB137431BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	10/06/2025
Sample ID: PB169946BL							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	10/03/2025
Sample ID: PB169955BL							
TKN	mg/L	0.13	0.2500	J	0.11	0.5	10/03/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3254-01
Client ID:	MW-1MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.50		0.37	U	10	1	95		09/30/2025
Chloride	mg/L	80-120	162	OR	167	OR	3	1	-167	*	09/30/2025
Fluoride	mg/L	80-120	2.00		0.11	U	2	1	100		09/30/2025
Nitrite	mg/L	80-120	2.80		0.074	U	3	1	93		09/30/2025
Nitrate	mg/L	80-120	5.40		3.20		2.5	1	88		09/30/2025
Sulfate	mg/L	80-120	41.0	OR	27.8		15	1	88		09/30/2025
Orthophosphate as P	mg/L	80-120	0.34	U	0.34	U	5	1	0	*	09/30/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3254-01
Client ID:	MW-1MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.90		0.37	U	10	1	99		09/30/2025
Chloride	mg/L	80-120	162	OR	167	OR	3	1	-167	*	09/30/2025
Fluoride	mg/L	80-120	2.10		0.11	U	2	1	105		09/30/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		09/30/2025
Nitrate	mg/L	80-120	5.50		3.20		2.5	1	92		09/30/2025
Sulfate	mg/L	80-120	41.6	OR	27.8		15	1	92		09/30/2025
Orthophosphate as P	mg/L	80-120	0.34	U	0.34	U	5	1	0	*	09/30/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3263-02
Client ID:	266380MS	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	1.00		0.030	U	1	1	100		10/03/2025
TKN	mg/L	75-125	5.30		0.30	J	5	1	100		10/03/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3263-02
Client ID:	266380MSD	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	1.00		0.030	U	1	1	100		10/03/2025
TKN	mg/L	75-125	5.40		0.30	J	5	1	102		10/03/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia 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
Alkalinity	mg/L	+/-20	97.2		96.1		1	1		10/06/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3254-01
Client ID:	MW-1DUP	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	0.20	U	0.20	U	1	0		10/01/2025
Turbidity	NTU	+/-20	0.41	J	0.41	J	1	1.22		10/01/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3254-01
Client ID:	MW-1MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Chloride	mg/L	+/-20	162	OR	162	OR	1	0		09/30/2025
Orthophosphate as P	mg/L	+/-20	0.34	U	0.34	U	1	0		09/30/2025
Sulfate	mg/L	+/-20	41.0	OR	41.6	OR	1	1		09/30/2025
Nitrate	mg/L	+/-20	5.40		5.50		1	2		09/30/2025
Bromide	mg/L	+/-20	9.50		9.90		1	4		09/30/2025
Nitrite	mg/L	+/-20	2.80		2.90		1	4		09/30/2025
Fluoride	mg/L	+/-20	2.00		2.10		1	5		09/30/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3254-07
Client ID:	MW-4DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TDS	mg/L	+/-5	1060		1090		1	2.79		10/02/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3260-02
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
TSS	mg/L	+/-5	481		480		1	0.21		10/03/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3263-02
Client ID:	266380DUP	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
Ammonia as N	mg/L	+/-20	0.030	U	0.030	U	1	0		10/03/2025
TKN	mg/L	+/-20	0.30	J	0.30	J	1	0		10/03/2025

Duplicate Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia Landfill 2025	Sample ID:	Q3263-02
Client ID:	266380MSD	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
Ammonia as N	mg/L	+/-20	1.00		1.00		1	0		10/03/2025
TKN	mg/L	+/-20	5.30		5.40		1	2		10/03/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

Run No.: LB137381

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137381BS							
BOD5	mg/L	198	183		92	1	84.6-115.4	10/01/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

Run No.: LB137383

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137383BSW							
Bromide	mg/L	10	10.5		105	1	90-110	09/30/2025
Chloride	mg/L	3	3.10		103	1	90-110	09/30/2025
Fluoride	mg/L	2	2.10		105	1	90-110	09/30/2025
Nitrite	mg/L	3	3.10		103	1	90-110	09/30/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	09/30/2025
Sulfate	mg/L	15	15.4		103	1	90-110	09/30/2025
Orthophosphate as P	mg/L	5	5.00		100	1	90-110	09/30/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

Run No.: LB137393

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137393BS							
TDS	mg/L	100	95.0		95	1	90-110	10/02/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

Run No.: LB137419

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137419BS							
TSS	mg/L	550	532		97	1	90-110	10/03/2025

Laboratory Control Sample Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3254
Project:	Ansonia 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.: Q3254

Project: Ansonia Landfill 2025

Run No.: LB137417

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169946BS							
Ammonia as N	mg/L	1	1.00		100	1	90-110	10/03/2025

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3254

Project: Ansonia Landfill 2025

Run No.: LB137420

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169955BS							
TKN	mg/L	5	5.10		102	1	90-110	10/03/2025



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: LKB ENGINEERING, PLLC.
ADDRESS: 1 AERIAL WAY
CITY: SYOSSET STATE: NY ZIP: 11791
ATTENTION: JOHN GERLACH
PHONE: 516-210-8931 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ANSONIA LANDFILL
PROJECT NO.: 0774-08 LOCATION: CT
PROJECT MANAGER: JOHN GERLACH
e-mail: jgerlach@LKB-ENGINEERING.COM
PHONE: SAME FAX:

CLIENT BILLING INFORMATION

BILL TO: LKB ENGINEERING PO#: N/A for lab
ADDRESS: SAME
CITY: STATE: ZIP:
ATTENTION: SHARON F. PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): STD. DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ 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 NYS DEC

VOCs SEE BOTTLE ORDER # B2509037
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		A/E	E	OTHERS	AS	APPROPRIATE	← Specify Preservatives					
													A-HCl	D-NaOH	B-HNO3	E-ICE	C-H2SO4	F-OTHER
1.	MW-1	GW		X	9/29/25	9:45	10		X									SAMPLES FOR DISS. Fe+Mn FILTERED IN FIELD
2.	MW-2	GW		X		11:15	10		X									
3.	MW-3	GW		X		12:30	10		X									
4.	MW-4	GW		X		11:45	10		X									
5.	TRIPBLANK	DI		X	↓		2	X										
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. [Signature]	DATE/TIME: 1050 9/30/25	RECEIVED BY: 1. [Signature]	DATE/TIME: 1058 9-30-25	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY: 2. [Signature]	DATE/TIME:	Comments:
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 1245 9-30-25	RECEIVED BY: 3. [Signature]	DATE/TIME:	Page ____ of

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3254	LOCK01	Order Date : 9/30/2025 12:37:00 PM	Project Mgr : Yazmeen
Client Name : Lockwood, Kessler & Bartl		Project Name : Ansonia Landfill 2025	Report Type : NYS ASP B
Client Contact : John Gerlach		Receive DateTime : 9/30/2025 12:45:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Lockwood, Kessler & Bartl		Purchase Order :	Hard Copy Date :
Invoice Contact : John Gerlach			Date Signoff : 9/30/2025 3:06:33 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3254-01	MW-1	Water	09/29/2025	09:45					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3254-03	MW-2	Water	09/29/2025	11:15					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3254-05	MW-3	Water	09/29/2025	12:30					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3254-07	MW-4	Water	09/29/2025	11:45					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3254-09	TRIP-BLANK	Water	09/29/2025	00:00					
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinquished By : 
Date / Time : 9/30/25 13:00

Received By : 
Date / Time : 9/30/25 13:00
Storage Area : VOA Refridgerator Room