



# SAMPLE DATA

A

B

C

## 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:

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## 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

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## 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: \_\_\_\_\_

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## 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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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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:

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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

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J = Estimated Value

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## 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: \_\_\_\_\_

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## LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q3254-01</b>	<b>MW-1</b>	<b>WATER</b>			<b>09/29/25 09:45</b>			<b>09/30/25</b>
			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	
<b>Q3254-01DL</b>	<b>MW-1DL</b>	<b>WATER</b>			<b>09/29/25 09:45</b>			<b>09/30/25</b>
			Anions Group1	300.0			09/30/25 16:34	
<b>Q3254-03</b>	<b>MW-2</b>	<b>WATER</b>			<b>09/29/25 11:15</b>			<b>09/30/25</b>
			Alkalinity	SM2320 B			10/06/25 13:10	

### LAB CHRONICLE

Q3254-03DL	MW-2DL	WATER	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 Org C-11 plus NH3 B plus G-11	10/02/25	10/03/25 14:22
			Total Nitrogen	Cal		10/03/25 14:33
			TSS	SM2540 D		10/03/25 13:30
			Turbidity	SM2130 B		10/01/25 09:45
Q3254-05	MW-3	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 16:55
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	10/02/25	10/03/25 14:33
		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  
TKN

300.0  
SM4500-N  
Org C-11 plus  
NH3 B plus  
G-11

10/02/25

09/30/25  
18:21  
10/03/25  
14:38