

LAB CHRONICLE

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

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

LAB CHRONICLE

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

Q3560-03

SY-10S

WATER

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

11/06/25

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

Q3560-03DL

SY-10SDL

WATER

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

11/06/25

Anions Group1	300.0		11/07/25
			11:52

LAB CHRONICLE

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

LAB CHRONICLE

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

LAB CHRONICLE

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



SAMPLE DATA

A

B

C

D

Report of Analysis

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

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

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

Comments: pH result reported at temperature 20.4 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

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

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

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

Comments: _____

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Report of Analysis

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

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

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

Comments: pH result reported at temperature 20.4 °C

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N =Spiked sample recovery not within control limits

Report of Analysis

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

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

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

Comments: _____

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J = Estimated Value

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Report of Analysis

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

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

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

Comments: pH result reported at temperature 20.9 °C

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Report of Analysis

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

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

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

Comments: _____

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Report of Analysis

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

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

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

Comments: pH result reported at temperature 20.4 °C

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Report of Analysis

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

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

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

Comments: _____

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Report of Analysis

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

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

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

Comments: _____

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LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

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Report of Analysis

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

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

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

Comments: pH result reported at temperature 20.5 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

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

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

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

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

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

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

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

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

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

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

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

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137806

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

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137817

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

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137840

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

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137852

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

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137861

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

Initial and Continuing Calibration Verification

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137870

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

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

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

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137803

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

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137817

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

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137840

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

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137852

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

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137861

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

Initial and Continuing Calibration Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

RunNo.: LB137870

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

Preparation Blank Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

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

Matrix Spike Summary

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

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

Matrix Spike Summary

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

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

Matrix Spike Summary

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

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

Matrix Spike Summary

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

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

Matrix Spike Summary

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

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

Matrix Spike Summary

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

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

Matrix Spike Summary

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

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

Matrix Spike Summary

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

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

Duplicate Sample Summary

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

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

Duplicate Sample Summary

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

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

Duplicate Sample Summary

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

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

Duplicate Sample Summary

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

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

Duplicate Sample Summary

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

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

Duplicate Sample Summary

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

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

Duplicate Sample Summary

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

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

Duplicate Sample Summary

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

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

Duplicate Sample Summary

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

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

Duplicate Sample Summary

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

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137803

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137803

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137805

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137812

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137854

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137861

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137863

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137903

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137840

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137852

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

Laboratory Control Sample Summary

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q3560

Project: Syosset Landfill 2025

Run No.: LB137870

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