

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

LAB CHRONICLE

OrderID:	Q2698	OrderDate:	7/25/2025 11:37:00 AM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant 2025
Contact:	Todd Holland	Location:	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2698-01	EFFLUENT	WATER			07/25/25 10:00			07/25/25
			Ammonia	SM4500-NH3		07/30/25	07/31/25 10:38	
			BOD5	SM5210 B			07/25/25 16:00	
			Oil and Grease	1664A			07/31/25 09:35	
			Phosphorus-Ortho	SM4500-P E			07/25/25 13:06	
			Phosphorus-Total	365.3		07/25/25	07/28/25 14:46	
			TSS	SM2540 D			07/25/25 16:00	
Q2698-01DL	EFFLUENTDL	WATER			07/25/25 10:00			07/25/25
			Ammonia	SM4500-NH3		07/30/25	07/31/25 11:14	
Q2698-04	AERATION	WATER			07/25/25 10:00			07/25/25
			TSS	SM2540 D			07/25/25 16:00	
Q2698-05	INFLUENT	WATER			07/25/25 10:00			07/25/25
			Ammonia	SM4500-NH3		07/30/25	07/31/25 10:38	
			BOD5	SM5210 B			07/25/25 16:00	

LAB CHRONICLE

Q2698-05DL

INFLUENTDL

WATER

**07/25/25
10:00**

07/25/25

Ammonia

SM4500-NH3

07/30/25

07/31/25
11:14



SAMPLE DATA

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	07/25/25 10:00
Project:	Pre Treatment Plant 2025	Date Received:	07/25/25
Client Sample ID:	EFFLUENT	SDG No.:	Q2698
Lab Sample ID:	Q2698-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	488	OR	1	1.50	5.00	mg/L	07/30/25 13:30	07/31/25 10:38	SM 4500-NH3 B plus G-21
BOD5	5460		1	0.20	2.00	mg/L		07/25/25 16:00	SM 5210 B-16
Oil and Grease	8.10		1	0.29	5.00	mg/L		07/31/25 09:35	1664A
Orthophosphate as P	0.059		1	0.0040	0.050	mg/L		07/25/25 13:06	SM 4500-P E-21
Phosphorus, Total	0.14		1	0.0050	0.050	mg/L	07/25/25 12:30	07/28/25 14:46	365.3
TSS	3760		1	1.00	4.00	mg/L		07/25/25 16:00	SM 2540 D-20

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:	Holland Manufacturing Co.	Date Collected:	07/25/25 10:00
Project:	Pre Treatment Plant 2025	Date Received:	07/25/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q2698
Lab Sample ID:	Q2698-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	444	D	10	15.0	50.0	mg/L	07/30/25 13:30	07/31/25 11:14	SM 4500-NH3 B plus G-21

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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:	Holland Manufacturing Co.	Date Collected:	07/25/25 10:00
Project:	Pre Treatment Plant 2025	Date Received:	07/25/25
Client Sample ID:	AERATION	SDG No.:	Q2698
Lab Sample ID:	Q2698-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	4360		1	1.00	4.00	mg/L		07/25/25 16:00	SM 2540 D-20

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:	Holland Manufacturing Co.	Date Collected:	07/25/25 10:00
Project:	Pre Treatment Plant 2025	Date Received:	07/25/25
Client Sample ID:	INFLUENT	SDG No.:	Q2698
Lab Sample ID:	Q2698-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	452	OR	1	1.50	5.00	mg/L	07/30/25 13:30	07/31/25 10:38	SM 4500-NH3 B plus G-21
BOD5	6390		1	0.20	2.00	mg/L		07/25/25 16:00	SM 5210 B-16

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:	Holland Manufacturing Co.	Date Collected:	07/25/25 10:00
Project:	Pre Treatment Plant 2025	Date Received:	07/25/25
Client Sample ID:	INFLUENTDL	SDG No.:	Q2698
Lab Sample ID:	Q2698-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	400	D	10	15.0	50.0	mg/L	07/30/25 13:30	07/31/25 11:14	SM 4500-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: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

RunNo.: LB136621

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Orthophosphate as P	mg/L	0.521	0.50	104	90-110	07/25/2025
Sample ID: CCV1 Orthophosphate as P	mg/L	0.508	0.5	102	90-110	07/25/2025
Sample ID: CCV2 Orthophosphate as P	mg/L	0.496	0.5	99	90-110	07/25/2025

Initial and Continuing Calibration Verification

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

RunNo.: LB136623

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Phosphorus, Total	mg/L	0.496	0.50	99	90-110	07/28/2025
Sample ID: CCV1 Phosphorus, Total	mg/L	0.506	0.50	101	90-110	07/28/2025
Sample ID: CCV2 Phosphorus, Total	mg/L	0.490	0.50	98	90-110	07/28/2025

Initial and Continuing Calibration Verification

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

RunNo.: LB136664

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	1	1	100	90-110	07/31/2025
Sample ID: CCV1 Ammonia as N	mg/L	1	1	100	90-110	07/31/2025
Sample ID: CCV2 Ammonia as N	mg/L	1	1	100	90-110	07/31/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.98	1	98	90-110	07/31/2025

Initial and Continuing Calibration Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

RunNo.: LB136621

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Orthophosphate as P	mg/L	0.006	0.0250	J	0.0038	0.05	07/25/2025
Sample ID: CCB1 Orthophosphate as P	mg/L	0.004	0.0250	J	0.0038	0.05	07/25/2025
Sample ID: CCB2 Orthophosphate as P	mg/L	0.006	0.0250	J	0.0038	0.05	07/25/2025

Initial and Continuing Calibration Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

RunNo.: LB136623

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Phosphorus, Total	mg/L	0.006	0.0250	J	0.0045	0.05	07/28/2025
Sample ID: CCB1 Phosphorus, Total	mg/L	0.008	0.0250	J	0.0045	0.05	07/28/2025
Sample ID: CCB2 Phosphorus, Total	mg/L	0.006	0.0250	J	0.0045	0.05	07/28/2025

Initial and Continuing Calibration Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

RunNo.: LB136664

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	07/31/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	07/31/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	07/31/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	07/31/2025

Preparation Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136621BL Orthophosphate as P	mg/L	0.007	0.0250	J	0.004	0.05	07/25/2025
Sample ID: LB136624BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	07/25/2025
Sample ID: LB136626BL TSS	mg/L	1	2.0000	J	1	4	07/25/2025
Sample ID: LB136659BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	07/31/2025
Sample ID: PB169013BL Phosphorus, Total	mg/L	0.006	0.0250	J	0.005	0.05	07/28/2025
Sample ID: PB169056BL Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	07/31/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2698
Project:	Pre Treatment Plant 2025	Sample ID:	Q2698-01
Client ID:	EFFLUENTMS	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
Phosphorus, Total	mg/L	90-110	0.60		0.14		0.5	1	92		07/28/2025
Orthophosphate as P	mg/L	90-110	0.55		0.059		0.5	1	97		07/25/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2698
Project:	Pre Treatment Plant 2025	Sample ID:	Q2698-01
Client ID:	EFFLUENTMSD	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
Phosphorus, Total	mg/L	90-110	0.59		0.14		0.5	1	91		07/28/2025
Orthophosphate as P	mg/L	90-110	0.54		0.059		0.5	1	97		07/25/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2698
Project:	Pre Treatment Plant 2025	Sample ID:	Q2698-01
Client ID:	EFFLUENTMS	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
Oil and Grease	mg/L	78-114	28.2		8.10		20.0	1	101		07/31/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2698
Project:	Pre Treatment Plant 2025	Sample ID:	Q2698-01
Client ID:	EFFLUENTMSD	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
Oil and Grease	mg/L	78-114	28.4		8.10		20.0	1	102		07/31/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2698
Project:	Pre Treatment Plant 2025	Sample ID:	Q2702-01
Client ID:	MH-7-25-25MS	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
Oil and Grease	mg/L	78-114	167		147		20.0	1	101		07/31/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2698
Project:	Pre Treatment Plant 2025	Sample ID:	Q2702-01
Client ID:	MH-7-25-25MSD	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
Oil and Grease	mg/L	78-114	167		147		20.0	1	101		07/31/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2698
Project:	Pre Treatment Plant 2025	Sample ID:	Q2730-02
Client ID:	002 35th Ave(july)MS	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	7.60	OR	6.40	OR	1	1	120		07/31/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2698
Project:	Pre Treatment Plant 2025	Sample ID:	Q2730-02
Client ID:	002 35th Ave(july)MSD	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	7.60	OR	6.40	OR	1	1	120		07/31/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2698
Project: Pre Treatment Plant 2025	Sample ID: Q2682-02
Client ID: TOWER-2DUP	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	2.30	J	2.30	J	1	0		07/25/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2698
Project: Pre Treatment Plant 2025	Sample ID: Q2698-01
Client ID: EFFLUENTDUP	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
Orthophosphate as P	mg/L	+/-20	0.059		0.059		1	0		07/25/2025
Phosphorus, Total	mg/L	+/-20	0.14		0.14		1	1.47		07/28/2025
BOD5	mg/L	+/-20	5460		5670		1	3.77		07/25/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2698
Project: Pre Treatment Plant 2025	Sample ID: Q2698-01
Client ID: EFFLUENTMSD	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
Orthophosphate as P	mg/L	+/-20	0.55		0.54		1	0.37		07/25/2025
Phosphorus, Total	mg/L	+/-20	0.60		0.59		1	1.01		07/28/2025

Duplicate Sample Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2698
Project:	Pre Treatment Plant 2025	Sample ID:	Q2698-01
Client ID:	EFFLUENTMSD	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
Oil and Grease	mg/L	+/-18	28.2		28.4		1	0.71		07/31/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2698
Project: Pre Treatment Plant 2025	Sample ID: Q2702-01
Client ID: MH-7-25-25MSD	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
Oil and Grease	mg/L	+/-18	167		167		1	0.06		07/31/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2698
Project: Pre Treatment Plant 2025	Sample ID: Q2730-02
Client ID: 002 35th Ave(july)DUP	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	6.40	OR	6.50	OR	1	2		07/31/2025
Ammonia as N	mg/L	+/-20	5.90	D	6.30	D	5	7		07/31/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2698
Project: Pre Treatment Plant 2025	Sample ID: Q2730-02
Client ID: 002 35th Ave(july)MSD	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	7.60	OR	7.60	OR	1	0		07/31/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

Run No.: LB136621

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136621BS							
Orthophosphate as P	mg/L	0.5	0.51		102	1	90-110	07/25/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

Run No.: LB136624

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136624BS							
BOD5	mg/L	198	215		109	1	84.6-115.4	07/25/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

Run No.: LB136626

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136626BS							
TSS	mg/L	550	532		97	1	90-110	07/25/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

Run No.: LB136659

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136659BS							
Oil and Grease	mg/L	20.0	16.9		84	1	78-114	07/31/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

Run No.: LB136623

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169013BS							
Phosphorus, Total	mg/L	0.50	0.49		99	1	90-110	07/28/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2698

Project: Pre Treatment Plant 2025

Run No.: LB136664

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169056BS							
Ammonia as N	mg/L	1	1.00		100	1	90-110	07/31/2025



RAW DATA

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136621

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP114098
calibration std. phosphate 0.5 ppm	WP114097
calibration std. phosphate 0.3 ppm	WP114096
calibration std. phosphate 0.1 ppm	WP114095
calibration std. phosphate 0.05 ppm	WP114094
calibration std. 0 ppm	WP114093
phosphate CCV std.	WP114099
5N sulfuric acid	WP112831
Combined reagent	WP114102
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate ICV-LCS Std	WP114100
Phosphate RL CHECK	WP114103

Intercept: -0.0028

Slope: 0.6574

Regression: 0.999745

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	Result (mg/L)	%D	AnalDate	AnalTime
1	CAL1	0.00	1	50	50	0.000	0.004		07/25/2025	13:00
2	CAL2	0.05	1	50	50	0.032	0.053	6	07/25/2025	13:00
3	CAL3	0.10	1	50	50	0.066	0.105	5	07/25/2025	13:01
4	CAL4	0.30	1	50	50	0.183	0.283	-5.7	07/25/2025	13:01
5	CAL5	0.50	1	50	50	0.327	0.502	0.4	07/25/2025	13:02
6	CAL6	1.00	1	50	50	0.657	1.004	0.4	07/25/2025	13:02

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136621

Seq	Lab ID	True Value (mg/l)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	Result (mg/L)	AnalDate	AnalTime
1	ICV	0.50	1	50	50	0.340	0.521	07/25/2025	13:03
2	ICB		1	50	50	0.001	0.006	07/25/2025	13:03
3	CCV1	0.5	1	50	50	0.331	0.508	07/25/2025	13:04
4	CCB1		1	50	50	0.000	0.004	07/25/2025	13:04
5	RL Check	0.05	1	50	50	0.029	0.048	07/25/2025	13:05
6	LB136621BL		1	50	50	0.002	0.007	07/25/2025	13:05
7	LB136621BS	0.5	1	50	50	0.334	0.512	07/25/2025	13:06
8	Q2698-01		1	50	50	0.036	0.059	07/25/2025	13:06
9	Q2698-01DUP		1	50	50	0.036	0.059	07/25/2025	13:07
10	Q2698-01MS	0.5	1	50	50	0.356	0.546	07/25/2025	13:07
11	Q2698-01MSD	0.5	1	50	50	0.355	0.544	07/25/2025	13:08
12	CCV2	0.5	1	50	50	0.323	0.496	07/25/2025	13:08
13	CCB2		1	50	50	0.001	0.006	07/25/2025	13:09

WORKLIST(Hardcopy Internal Chain)

LB 136621

WorkList Name : ORTHO PH- 072525

WorkList ID : 190960

Department : Wet-Chemistry

Date : 07-25-2025 11:57:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2698-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	D21	07/25/2025	SM4500-P E

Date/Time 07/25/25 12:05
Raw Sample Received by: 12/25/25
Raw Sample Relinquished by: 12/25/25

Date/Time 07/25/25 13:25
Raw Sample Received by: 12/25/25
Raw Sample Relinquished by: 12/25/25

Analytical Summary Report

Analysis Method: 365.3
Parameter: Phosphorus-Total
Run Number: LB136623

ANALYST: Iwona

SUPERVISOR REVIEW BY: jignesh

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP114098
calibration std. phosphate 0.5 ppm	WP114097
calibration std. phosphate 0.3 ppm	WP114096
calibration std. phosphate 0.1 ppm	WP114095
calibration std. phosphate 0.05 ppm	WP114094
calibration std. 0 ppm	WP114093
phosphate CCV std.	WP114099
5N sulfuric acid	WP112831
Combined reagent	WP114102
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate ICV-LCS Std	WP114100

Intercept: -0.0022

Slope: 0.652

Regression: 0.999893

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	Result (mg/L)	%D	AnalDate	AnalTime
1	CAL1	0.00	1	50	50	0.000	0.003		07/25/2025	14:40
2	CAL2	0.05	1	50	50	0.034	0.056	12	07/28/2025	14:40
3	CAL3	0.10	1	50	50	0.062	0.098	-2	07/28/2025	14:41
4	CAL4	0.30	1	50	50	0.187	0.29	-3.3	07/28/2025	14:41
5	CAL5	0.50	1	50	50	0.323	0.499	-0.2	07/28/2025	14:42
6	CAL6	1.00	1	50	50	0.652	1.003	0.3	07/28/2025	14:42

Analysis Method: 365.3

ANALYST: Iwona

Parameter: Phosphorus-Total

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136623

Seq	Lab ID	True Value (mg/l)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	Result (mg/L)	AnalDate	AnalTime
1	ICV	0.50	1	50	50	0.321	0.496	07/28/2025	14:43
2	ICB		1	50	50	0.002	0.006	07/28/2025	14:43
3	CCV1	0.50	1	50	50	0.328	0.506	07/28/2025	14:44
4	CCB1		1	50	50	0.003	0.008	07/28/2025	14:44
5	RL Check		1	50	50	0.029	0.048	07/28/2025	14:45
6	PB169013BL		1	50	50	0.002	0.006	07/28/2025	14:45
7	PB169013BS	0.50	1	50	50	0.319	0.493	07/28/2025	14:46
8	Q2698-01		1	50	50	0.086	0.135	07/28/2025	14:46
9	Q2698-01DUP		1	50	50	0.087	0.137	07/28/2025	14:47
10	Q2698-01MS	0.50	1	50	50	0.386	0.595	07/28/2025	14:47
11	Q2698-01MSD	0.50	1	50	50	0.382	0.589	07/28/2025	14:48
12	CCV2	0.50	1	50	50	0.317	0.490	07/28/2025	14:48
13	CCB2		1	50	50	0.002	0.006	07/28/2025	14:49

BOD5 LOG

ANALYST: rubin

SUPERVISOR: Iwona

Analysis Date: 07/25/2025

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP114055

QC BATCH ID: LB136624

BOD Water: WP114087

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP114089

GGA: WP114088

Chlorine Strips: W3155

pH Strips: W3215

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	10.01	10.01	10.01
WINKLER 2	WINKLER 2	2	300	10.03	20.04	10.01	10.01

Meter Calibration1: 8.30 Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 10.10

After Incubation

Meter Calibration2: 9.11 Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB136624

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:00

TIME OUT: 11:00

DATE IN: 07/25/2025

DATE OUT: 07/30/2025

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB136624BL	1	No	6.67	N/A	20.90	300	10.10	10.08	0.02	0.02	0.02	
POLYSEED	1					10	10.06	6.84	3.22	0.64	0.67	
POLYSEED	2					15	10.04	4.85	5.19	0.69		
POLYSEED	3					20	10.02	3.37	6.65	0.67		
GGA	1					6	10.07	5.21	4.86	209.5	214.83	
GGA	2					6	10.05	5.06	4.99	216		
GGA	3					6	10.05	5.00	5.05	219		
Q2698-01	1	No	7.90	6.82	20.40	1	10.05	8.98	-	0	5460	pH Adjusted
Q2698-01	2					5	10.01	8.41	-	0		
Q2698-01	3					10	9.97	7.48	2.49	5460		
Q2698-01	4					50	9.92	0.60	-	0		
Q2698-01	5					100	9.67	0.34	-	0		
Q2698-01DUP	1	No	7.90	6.82	20.40	1	10.05	8.74	-	0	5670	pH Adjusted
Q2698-01DUP	2					5	10.02	8.30	-	0		
Q2698-01DUP	3					10	9.98	7.42	2.56	5670		
Q2698-01DUP	4					50	9.92	0.54	-	0		
Q2698-01DUP	5					100	9.68	0.30	-	0		
Q2698-05	1	No	4.53	6.99	20.60	1	10.06	9.03	-	0	6390	pH Adjusted
Q2698-05	2					5	10.01	8.13	-	0		
Q2698-05	3					10	9.92	7.12	2.8	6390		
Q2698-05	4					50	9.85	0.32	-	0		
Q2698-05	5					100	9.71	0.22	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

6136624

WorkList Name : BOD5-07-25

WorkList ID : 190965

Department : Wet-Chemistry

Date : 07-25-2025 12:27:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2698-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D21	07/25/2025	SM5210 B
Q2698-05	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D21	07/25/2025	SM5210 B

Date/Time 07/25/2025 14:20
 Raw Sample Received by: RHCW03
 Raw Sample Relinquished by: RHCW03

Date/Time 07/25/2025 16:10
 Raw Sample Received by: RHCW01
 Raw Sample Relinquished by: RHCW01

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 07/25/2025

Run Number: LB136626

BalanceID: WC-SC-6

OvenID: WC OVEN-1

FilterID: 50223706

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 07/25/2025 10:00 **TEMP1 OUT:** 103 °C 07/25/2025 11:00
TEMP2 IN: 104 °C 07/25/2025 11:30 **TEMP2 OUT:** 104 °C 07/25/2025 12:30
TEMP3 IN: 103 °C 07/25/2025 16:00 **TEMP3 OUT:** 103 °C 07/25/2025 17:30
TEMP4 IN: 104 °C 07/25/2025 18:00 **TEMP4 OUT:** 104 °C 07/25/2025 19:30

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB136626BL	LB136626BL	1.5863	1.5863	100	1.5864	1.5864	1.5864	0.0001	1
2	LB136626BS	LB136626BS	1.7841	1.7841	100	1.8373	1.8373	1.8373	0.0532	532
3	Q2680-02	COMP	1.4892	1.4892	150	1.5129	1.5129	1.5129	0.0237	158
4	Q2682-01	TOWER-1	1.4861	1.4861	3000	1.4982	1.4982	1.4982	0.0121	4
5	Q2682-02	TOWER-2	1.4737	1.4737	1500	1.4772	1.4772	1.4772	0.0035	2.3
6	Q2682-02DUP	TOWER-2DUP	1.4910	1.4910	1500	1.4944	1.4944	1.4944	0.0034	2.3
7	Q2683-01	DSN002	1.3982	1.3982	1000	1.4103	1.4103	1.4103	0.0121	12.1
8	Q2683-03	DSN001	1.4950	1.4950	1000	1.5090	1.5090	1.5090	0.0140	14
9	Q2683-07	DSN003	1.4814	1.4814	2000	1.4848	1.4848	1.4848	0.0034	1.7
10	Q2696-02	RW8-SP303-20250724	1.4022	1.4022	350	1.4025	1.4025	1.4025	0.0003	0.9
11	Q2698-01	EFFLUENT	1.3565	1.3565	30	1.4692	1.4692	1.4692	0.1127	3756.7
12	Q2698-04	AERATION	1.3959	1.3959	30	1.5268	1.5268	1.5268	0.1309	4363.3
13	Q2699-01	001-WILLETTS-PT-BLVD (JUNE)	1.4813	1.4813	150	1.5051	1.5051	1.5051	0.0238	158.7
14	Q2699-02	002-35TH-AVE (JUNE)	1.4695	1.4695	150	1.4906	1.4906	1.4906	0.0211	140.7

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 07/25/2025

Run Number: LB136626

BalanceID: WC-SC-6

OvenID: WC OVEN-1

FilterID: 50223706

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 07/25/2025 10:00 **TEMP1 OUT:** 103 °C 07/25/2025 11:00
TEMP2 IN: 104 °C 07/25/2025 11:30 **TEMP2 OUT:** 104 °C 07/25/2025 12:30
TEMP3 IN: 103 °C 07/25/2025 16:00 **TEMP3 OUT:** 103 °C 07/25/2025 17:30
TEMP4 IN: 104 °C 07/25/2025 18:00 **TEMP4 OUT:** 104 °C 07/25/2025 19:30

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L

A = Sample Volume (ml)
 B = Final Empty Dish Weight (g)
 C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)
 D = Weight (g)

Weight (g) = C - B

Result mg/L = $\frac{D}{A} \times 1000 \times 1000$

WORKLIST(Hardcopy Internal Chain)

136626

WorkList Name : iss q2699

WorkList ID : 190962

Department : Wet-Chemistry

Date : 07-25-2025 12:39:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2680-02	A COMP	Water	TSS	Cool 4 deg C	ARAM01	D21	07/23/2025	SM2540 D
Q2682-01	DEC TOWER-1	Water	TSS	Cool 4 deg C	PSEG04	D21	07/23/2025	SM2540 D
Q2682-02	TOWER-2 C, D, E	Water	TSS	Cool 4 deg C	PSEG04	D21	07/23/2025	SM2540 D
Q2683-01	F DSN002	Water	TSS	Cool 4 deg C	PSEG04	D31	07/23/2025	SM2540 D
Q2683-03	F DSN001	Water	TSS	Cool 4 deg C	PSEG04	D31	07/23/2025	SM2540 D
Q2683-07	F, E DSN003	Water	TSS	Cool 4 deg C	PSEG04	D31	07/23/2025	SM2540 D
Q2696-02	C, B, RW8-SP303-20250724	Water	TSS	Cool 4 deg C	TETR06	D31	07/24/2025	SM2540 D
Q2698-01	D EFFLUENT	Water	TSS	Cool 4 deg C	HOLL01	D21	07/25/2025	SM2540 D
Q2698-04	AERATION	Water	TSS	Cool 4 deg C	HOLL01	D21	07/25/2025	SM2540 D
Q2699-01	D 001-WILLETS-PT-BLVD(JUNE)	Water	TSS	Cool 4 deg C	TULL01	D21	07/24/2025	SM2540 D
Q2699-02	D 002-35TH-AVE(JUNE)	Water	TSS	Cool 4 deg C	TULL01	D21	07/24/2025	SM2540 D

Date/Time 07/25/25 13:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

13:00

WC

CP SM

Date/Time 07/25/25 18:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

18:30

CP SM

CP SM

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Oil and Grease
Run Number: LB136659
Analysis Date: 07/31/2025
BalanceID: WC-SC-6
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: Iwona
Extraction Date: 07/31/2025
Extraction IN Time: 08:05
Extraction OUT Time: 09:00
Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Vol (ml)	Final Volume (ml)	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Silica Gel Weight (g)	Weight After Drying (g)	Final Weight After Drying (g)	Change Weight (g)	Result in ppm
1	LB136659BL	LB136659BL	WATER	1.3	1000	100	3.1041	3.1041	0	3.1042	3.1042	0.0001	0.1
2	LB136659BS	LB136659BS	WATER	1.3	1000	100	2.7841	2.7841	0	2.8010	2.8010	0.0169	16.9
3	Q2698-01	EFFLUENT	WATER	1.6	1000	100	3.0433	3.0433	0	3.0514	3.0514	0.0081	8.1
4	Q2698-02	Q2698-01MS	WATER	1.6	1000	100	3.1503	3.1503	0	3.1785	3.1785	0.0282	28.2
5	Q2698-03	Q2698-01MSD	WATER	1.6	1000	100	2.7411	2.7411	0	2.7695	2.7695	0.0284	28.4
6	Q2702-01	MH-7-25-25	WATER	1.6	1000	100	3.0454	3.0454	0	3.1924	3.1924	0.1470	147
7	Q2702-02	Q2702-01MS	WATER	1.6	1000	100	3.1985	3.1985	0	3.3656	3.3656	0.1671	167.1
8	Q2702-03	Q2702-01MSD	WATER	1.6	1000	100	2.0363	2.0363	0	2.2035	2.2035	0.1672	167.2
9	Q2730-01	001 willets Pt Blvd(ju	WATER	1.3	1000	100	3.1230	3.1232	0	3.1424	3.1424	0.0194	19.4
10	Q2730-02	002 35th Ave(july)	WATER	1.3	1000	100	3.1239	3.1239	0	3.1424	3.1424	0.0185	18.5

QC Batch# LB136659

Test: Oil and Grease

Analysis Date: 07/31/2025

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3204
pH Paper 0-14	M6069
Sodium Sulfate	EP2629
1:1 HCL	WP112782
Silica Gel	NA
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	2.5 ML	WP112783
LCSWD	NA	NA
MS/MSD	2.5 ML	W0112784

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance: 0.0018 (0.0018-0.0022) In OVEN TEMP1 : 71 °C Dessicator Time In1 : 10:26

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 09:35

Bal Check Time: 08:15 Out OVEN TEMP1: 71 °C Dessicator Time Out1: 11:00

Out Time1: 10:25

After Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP2 : 71 °C Dessicator Time In2 : 12:01

1.0000 gram Balance: 1.0003 (0.9950-1.0050) In Time2: 11:30

Bal Check Time: 12:31 Out OVEN TEMP2: 71 °C Dessicator Time Out2: 12:30

Out Time2: 12:00

WORKLIST(Hardcopy Internal Chain)

LB 136659

WorkList Name : OIL & GREASE Q2730 WorkList ID : 191030 Department : Wet-Chemistry Date : 07-31-2025 07:50:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2698-01 E	EFFLUENT	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	D21	07/25/2025	1664A
Q2698-02	Q2698-01MS	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	D21	07/25/2025	1664A
Q2698-03	Q2698-01MSD	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	D21	07/25/2025	1664A
Q2702-01 A	MH-7-25-25	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D31	07/25/2025	1664A
Q2702-02	Q2702-01MS	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D31	07/25/2025	1664A
Q2702-03	Q2702-01MSD	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D31	07/25/2025	1664A
Q2730-01 D	001 willets Pt Blvd(july)	Water	Oil and Grease	Conc H2SO4 to pH < 2	TULL01	O41	07/29/2025	1664A
Q2730-02 D	002 35th Ave(july)	Water	Oil and Grease	Conc H2SO4 to pH < 2	TULL01	O41	07/29/2025	1664A

Date/Time **07/31/25 08:00**
 Raw Sample Received by: **JD**
 Raw Sample Relinquished by: **JD**

Date/Time **07/31/25 14:00**
 Raw Sample Received by: **JD**
 Raw Sample Relinquished by: **JD**

Lb136664

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

7/31/2025 11:17

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.008	0.0	0.206	
ICB1	0.005	0.0	0.019	
CCV1	1.014	0.0	0.207	
CCB1	0.003	0.0	0.019	
RL CHECK	0.093	0.0	0.035	
PB169056BL	0.003	0.0	0.018	
PB169056BS	1.020	0.0	0.208	
Q2698-01	9.752	0.0	1.836	Test limit high
Q2698-05	9.032	0.0	1.702	Test limit high
Q2730-01	6.347	0.0	1.201	Test limit high
Q2730-02	6.442	0.0	1.219	Test limit high
Q2730-02DUP	6.459	0.0	1.222	Test limit high
Q2730-02MS	7.634	0.0	1.441	Test limit high
Q2730-02MSD	7.631	0.0	1.441	Test limit high
CCV2	1.004	0.0	0.205	
CCB2	0.007	0.0	0.019	
Q2698-01DLX10	0.887	0.0	0.183	
Q2698-05DLX10	0.801	0.0	0.167	
Q2730-01DLX5	1.191	0.0	0.240	
Q2730-02DLX5	1.182	0.0	0.238	
Q2730-02DUPDLX5	1.269	0.0	0.255	
CCV3	0.985	0.0	0.202	
CCB3	0.004	0.0	0.019	

93% (50-150) 07/31/2025
RM

N 23
Mean 2.773
SD 3.3763
CV% 121.77

Aquakem v. 7.2AQ1

Results from time period:

Thu Jul 31 09:42:41 2025

Thu Jul 31 11:14:58 2025

Sample Id	Sam/Ctr/c	Test short r	Test typ	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0076	mg/l	7/31/2025 9:42:41	
0.1PPM	A	Ammonia-† P		0.1014	mg/l	7/31/2025 9:42:42	
0.2PPM	A	Ammonia-† P		0.1969	mg/l	7/31/2025 9:42:43	
0.4PPM	A	Ammonia-† P		0.3983	mg/l	7/31/2025 9:42:44	
1.0PPM	A	Ammonia-† P		0.961	mg/l	7/31/2025 9:42:45	
1.3PPM	A	Ammonia-† P		1.3775	mg/l	7/31/2025 9:42:46	
2.0PPM	A	Ammonia-† P		1.9906	mg/l	7/31/2025 9:42:47	
ICV1	S	Ammonia-† P		1.0076	mg/l	7/31/2025 10:27:32	
ICB1	S	Ammonia-† P		0.0053	mg/l	7/31/2025 10:27:34	
CCV1	S	Ammonia-† P		1.0136	mg/l	7/31/2025 10:27:37	
CCB1	S	Ammonia-† P		0.0028	mg/l	7/31/2025 10:27:39	
RL CHECK	S	Ammonia-† P		0.0927	mg/l	7/31/2025 10:27:40	
PB169056BL	S	Ammonia-† P		0.0026	mg/l	7/31/2025 10:38:14	
PB169056BS	S	Ammonia-† P		1.0202	mg/l	7/31/2025 10:38:16	
Q2698-01	S	Ammonia-† P		9.7521	mg/l	7/31/2025 10:38:19	
Q2698-05	S	Ammonia-† P		9.0317	mg/l	7/31/2025 10:38:20	
Q2730-01	S	Ammonia-† P		6.3471	mg/l	7/31/2025 10:38:21	
Q2730-02	S	Ammonia-† P		6.442	mg/l	7/31/2025 10:38:23	
Q2730-02DUP	S	Ammonia-† P		6.4588	mg/l	7/31/2025 10:38:24	
Q2730-02MS	S	Ammonia-† P		7.6335	mg/l	7/31/2025 10:45:28	
Q2730-02MSD	S	Ammonia-† P		7.631	mg/l	7/31/2025 10:45:29	
CCV2	S	Ammonia-† P		1.0043	mg/l	7/31/2025 10:45:31	
CCB2	S	Ammonia-† P		0.0068	mg/l	7/31/2025 10:45:33	
Q2698-01DLX10	S	Ammonia-† P		0.8873	mg/l	7/31/2025 11:14:52	
Q2698-05DLX10	S	Ammonia-† P		0.8005	mg/l	7/31/2025 11:14:53	
Q2730-01DLX5	S	Ammonia-† P		1.1906	mg/l	7/31/2025 11:14:54	
Q2730-02DLX5	S	Ammonia-† P		1.1822	mg/l	7/31/2025 11:14:55	
Q2730-02DUPDLX5	S	Ammonia-† P		1.2691	mg/l	7/31/2025 11:14:56	
CCV3	S	Ammonia-† P		0.9846	mg/l	7/31/2025 11:14:57	
CCB3	S	Ammonia-† P		0.0038	mg/l	7/31/2025 11:14:58	

Calibration results

Aquakem 7.2AQ1

Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

7/31/2025 9:53

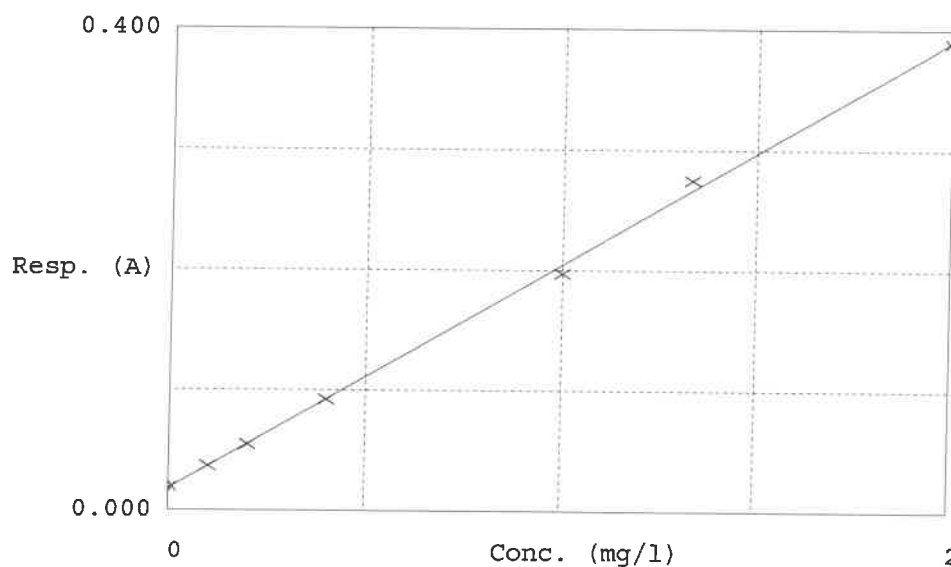
Test Ammonia-N

Accepted 7/31/2025 9:53

Factor 5.364
Bias 0.018

Coeff. of det. 0.998924

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.019	0.0076	0.0000	-
2	NH3-2PPM	0.037	0.1014	0.1000	1.4
3	NH3-2PPM	0.055	0.1969	0.2000	-1.6
4	NH3-2PPM	0.092	0.3983	0.4000	-0.4
5	NH3-2PPM	0.197	0.9610	1.0000	-3.9
6	NH3-2PPM	0.275	1.3775	1.3333	6.0
7	NH3-2PPM	0.389	1.9906	2.0000	-0.5

07/31/2025
RM

SOP ID : M365.3 & SM4500-P E-19

SDG No : N/A

Start Digest Date: 07/25/2025 Time : 12:30 Temp : 95 °C

Matrix : WATER

End Digest Date: 07/25/2025 Time : 13:30 Temp : 96 °C

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#3

Digestion tube ID : M5595

Block Thermometer ID : WC-BLOCK#1

Block ID : WC S-1, WC S-2

Filter paper ID : 400213

Prep Technician Signature: 12

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: JP

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	0.5ML	WP112914
MS/MSD SPIKE SOL.	0.5ML	WP112913
PBW	50.ML	W3112
RL CHECK	50.0ML	WP114103
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
11N H2SO4	1ML	WP112615
AMMONIUM PERSULFATE	0.4g	W3035
pH Paper 0-14	N/A	W3215
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
CAL1	CAL1	50.0ML	WP114093
CAL2	CAL2	50.0ML	WP114094
CAL3	CAL3	50.0ML	WP114095
CAL4	CAL4	50.0ML	WP114096
CAL5	CAL5	50.0ML	WP114097
CAL6	CAL6	50.0ML	WP114098
ICV	ICV	50.0ML	WP114100
ICB	ICB	50.0ML	W3112
CCV	CCV	50.0ML	WP114099
CCB	CCB	50.0ML	W3112

Extraction Conformance/Non-Conformance Comments:

 N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

12/12/25

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169013BL	PBW013	50	50	<2	N/A	N/A	N/A	N/A	N/A
PB169013BS	LCS013	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2698-01	EFFLUENT	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2698-01DUP	EFFLUENTDUP	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2698-01MS	EFFLUENTMS	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2698-01MSD	EFFLUENTMSD	50	50	<2	N/A	N/A	N/A	N/A	N/A

SOP ID : MSM4500-NH3 B,G-Ammonia-18

SDG No : N/A

Start Digest Date: 07/30/2025 Time : 13:30 Temp : 150 °C

Matrix : WATER

End Digest Date: 07/30/2025 Time : 14:30 Temp : 160 °C

Pipette ID : WC

17 batch
07/30/2025 15:00 150 °C
07/30/2025 16:00 160 °C

Balance ID : N/A

Hood ID : HOOD#2

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : WC-DIST-BLOCK-1

Filter paper ID : N/A

Prep Technician Signature: *RY*

Weigh By : RM

pH Meter ID : N/A

Supervisor Signature: *12*

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113889
MS/MSD SPIKE SOL.	1.0ML	WP113888
PBW	50.0ML	W3112
RL CHECK	0.1ML	WP113888
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP113886
NAOH 6N	0.5-2.0ML	WP113887
H2SO4 0.04N	5.0ML	WP112828
pH strip-Ammonia	N/A	W3133
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT
WP114104, Due to bad matrix and client history 1ML was taken as an initial volume for Q2698-01,05

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/30/2025 16:15	RM CWG	RY CWG
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169056BL	PBW056	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB169056BS	LCS056	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2698-01	EFFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2698-05	INFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2730-01	001 WILLETS PT BLVD(JULY)	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2730-02	002 35TH AVE(JULY)	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2730-02DUP	002 35TH AVE(JULY)DUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2730-02MS	002 35TH AVE(JULY)MS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2730-02MSD	002 35TH AVE(JULY)MSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136621

Review By	Iwona	Review On	7/25/2025 3:05:26 PM
Supervise By	jignesh	Supervise On	7/25/2025 3:13:17 PM
SubDirectory	LB136621	Test	Phosphorus-Ortho
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114098,WP114097,WP114096,WP114095,WP114094,WP114093,WP114099,WP112831,WP114102,WP113378,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	07/25/25 13:00			OK
2	CAL2	CAL2	CAL	07/25/25 13:00			OK
3	CAL3	CAL3	CAL	07/25/25 13:01			OK
4	CAL4	CAL4	CAL	07/25/25 13:01			OK
5	CAL5	CAL5	CAL	07/25/25 13:02			OK
6	CAL6	CAL6	CAL	07/25/25 13:02			OK
7	ICV	ICV	ICV	07/25/25 13:03			OK
8	ICB	ICB	ICB	07/25/25 13:03			OK
9	CCV1	CCV1	CCV	07/25/25 13:04			OK
10	CCB1	CCB1	CCB	07/25/25 13:04			OK
11	RL Check	RL Check	RL	07/25/25 13:05			OK
12	LB136621BL	LB136621BL	MB	07/25/25 13:05			OK
13	LB136621BS	LB136621BS	LCS	07/25/25 13:06			OK
14	Q2698-01	EFFLUENT	SAM	07/25/25 13:06			OK
15	Q2698-01DUP	EFFLUENTDUP	DUP	07/25/25 13:07			OK
16	Q2698-01MS	EFFLUENTMS	MS	07/25/25 13:07			OK
17	Q2698-01MSD	EFFLUENTMSD	MSD	07/25/25 13:08			OK
18	CCV2	CCV2	CCV	07/25/25 13:08			OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136621

Review By	Iwona	Review On	7/25/2025 3:05:26 PM
Supervise By	jignesh	Supervise On	7/25/2025 3:13:17 PM
SubDirectory	LB136621	Test	Phosphorus-Ortho
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114098,WP114097,WP114096,WP114095,WP114094,WP114093,WP114099,WP112831,WP114102,WP113378,V		

19	CCB2	CCB2	CCB	07/25/25 13:09			OK
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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136623

Review By	Iwona	Review On	7/28/2025 1:53:24 PM
Supervise By	jignesh	Supervise On	7/28/2025 1:56:06 PM
SubDirectory	LB136623	Test	Phosphorus-Total
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114098,WP114097,WP114096,WP114095,WP114094,WP114093,WP114099,WP112831,WP114102,WP113378,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	07/25/25 14:40		Iwona	OK
2	CAL2	CAL2	CAL	07/28/25 14:40		Iwona	OK
3	CAL3	CAL3	CAL	07/28/25 14:41		Iwona	OK
4	CAL4	CAL4	CAL	07/28/25 14:41		Iwona	OK
5	CAL5	CAL5	CAL	07/28/25 14:42		Iwona	OK
6	CAL6	CAL6	CAL	07/28/25 14:42		Iwona	OK
7	ICV	ICV	ICV	07/28/25 14:43		Iwona	OK
8	ICB	ICB	ICB	07/28/25 14:43		Iwona	OK
9	CCV1	CCV1	CCV	07/28/25 14:44		Iwona	OK
10	CCB1	CCB1	CCB	07/28/25 14:44		Iwona	OK
11	RL Check	RL Check	RL	07/28/25 14:45		Iwona	OK
12	PB169013BL	PB169013BL	MB	07/28/25 14:45		Iwona	OK
13	PB169013BS	PB169013BS	LCS	07/28/25 14:46		Iwona	OK
14	Q2698-01	EFFLUENT	SAM	07/28/25 14:46		Iwona	OK
15	Q2698-01DUP	EFFLUENTDUP	DUP	07/28/25 14:47		Iwona	OK
16	Q2698-01MS	EFFLUENTMS	MS	07/28/25 14:47		Iwona	OK
17	Q2698-01MSD	EFFLUENTMSD	MSD	07/28/25 14:48		Iwona	OK
18	CCV2	CCV2	CCV	07/28/25 14:48		Iwona	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136623

Review By	Iwona	Review On	7/28/2025 1:53:24 PM
Supervise By	jignesh	Supervise On	7/28/2025 1:56:06 PM
SubDirectory	LB136623	Test	Phosphorus-Total
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114098,WP114097,WP114096,WP114095,WP114094,WP114093,WP114099,WP112831,WP114102,WP113378,V		

19	CCB2	CCB2	CCB	07/28/25 14:49		Iwona	OK
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Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB136624

Review By	rubina	Review On	7/30/2025 1:13:12 PM
Supervise By	Iwona	Supervise On	7/30/2025 1:52:50 PM
SubDirectory	LB136624	Test	BOD5
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114087,W3149,WP112832,W3103,W3109,W3105,WP114089,WP114088,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136624BL	LB136624BL	MB	07/25/25 16:00		rubina	OK
2	LB136624BS	LB136624BS	LCS	07/25/25 16:00		rubina	OK
3	Q2698-01	EFFLUENT	SAM	07/25/25 16:00		rubina	OK
4	Q2698-01DUP	EFFLUENTDUP	DUP	07/25/25 16:00		rubina	OK
5	Q2698-05	INFLUENT	SAM	07/25/25 16:00		rubina	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136626

Review By	jignesh	Review On	7/28/2025 1:08:37 PM
Supervise By	Iwona	Supervise On	7/28/2025 1:11:21 PM
SubDirectory	LB136626	Test	TSS
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136626BL	LB136626BL	MB	07/25/25 16:00		jignesh	OK
2	LB136626BS	LB136626BS	LCS	07/25/25 16:00	55 mg w3186 + 100 ml w3112	jignesh	OK
3	Q2680-02	COMP	SAM	07/25/25 16:00		jignesh	OK
4	Q2682-01	TOWER-1	SAM	07/25/25 16:00		jignesh	OK
5	Q2682-02	TOWER-2	SAM	07/25/25 16:00		jignesh	OK
6	Q2682-02DUP	TOWER-2DUP	DUP	07/25/25 16:00		jignesh	OK
7	Q2683-01	DSN002	SAM	07/25/25 16:00		jignesh	OK
8	Q2683-03	DSN001	SAM	07/25/25 16:00		jignesh	OK
9	Q2683-07	DSN003	SAM	07/25/25 16:00		jignesh	OK
10	Q2696-02	RW8-SP303-2025072	SAM	07/25/25 16:00		jignesh	OK
11	Q2698-01	EFFLUENT	SAM	07/25/25 16:00		jignesh	OK
12	Q2698-04	AERATION	SAM	07/25/25 16:00		jignesh	OK
13	Q2699-01	001-WILLETS-PT-BL	SAM	07/25/25 16:00		jignesh	OK
14	Q2699-02	002-35TH-AVE(JUNE	SAM	07/25/25 16:00		jignesh	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136659

Review By	jignesh	Review On	7/31/2025 9:01:09 AM
Supervise By	Iwona	Supervise On	7/31/2025 11:37:13 AM
SubDirectory	LB136659	Test	Oil and Grease
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3204,M6069,EP2629,WP112782,NA,NA,WP112783,NA,WO112784		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136659BL	LB136659BL	MB	07/31/25 09:35		jignesh	OK
2	LB136659BS	LB136659BS	LCS	07/31/25 09:35		jignesh	OK
3	Q2698-01	EFFLUENT	SAM	07/31/25 09:35		jignesh	OK
4	Q2698-02	Q2698-01MS	MS	07/31/25 09:35		jignesh	OK
5	Q2698-03	Q2698-01MSD	MSD	07/31/25 09:35		jignesh	OK
6	Q2702-01	MH-7-25-25	SAM	07/31/25 09:35		jignesh	OK
7	Q2702-02	Q2702-01MS	MS	07/31/25 09:35		jignesh	OK
8	Q2702-03	Q2702-01MSD	MSD	07/31/25 09:35		jignesh	OK
9	Q2730-01	001 willets Pt Blvd(july	SAM	07/31/25 09:35		jignesh	OK
10	Q2730-02	002 35th Ave(july)	SAM	07/31/25 09:35		jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136664

Review By	rubina	Review On	7/31/2025 1:59:38 PM
Supervise By	Iwona	Supervise On	8/1/2025 8:28:27 AM
SubDirectory	LB136664	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114129		
ICV Standard	WP114131		
CCV Standard	WP114130		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113889		
Chk Standard	WP113852,WP114133,WP113929,WP114132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	07/31/25 09:42		rubina	OK
2	0.1PPM	0.1PPM	CAL2	07/31/25 09:42		rubina	OK
3	0.2PPM	0.2PPM	CAL3	07/31/25 09:42		rubina	OK
4	0.4PPM	0.4PPM	CAL4	07/31/25 09:42		rubina	OK
5	1.0PPM	1.0PPM	CAL5	07/31/25 09:42		rubina	OK
6	1.3PPM	1.3PPM	CAL6	07/31/25 09:42		rubina	OK
7	2.0PPM	2.0PPM	CAL7	07/31/25 09:42		rubina	OK
8	ICV1	ICV1	ICV	07/31/25 10:27		rubina	OK
9	ICB1	ICB1	ICB	07/31/25 10:27		rubina	OK
10	CCV1	CCV1	CCV	07/31/25 10:27		rubina	OK
11	CCB1	CCB1	CCB	07/31/25 10:27		rubina	OK
12	RL	RL	LOQ	07/31/25 10:27		rubina	OK
13	PB169056BL	PB169056BL	MB	07/31/25 10:38		rubina	OK
14	PB169056BS	PB169056BS	LCS	07/31/25 10:38		rubina	OK
15	Q2698-01	EFFLUENT	SAM	07/31/25 10:38	NH3 is high	rubina	Dilution
16	Q2698-05	INFLUENT	SAM	07/31/25 10:38	NH3 is high	rubina	Dilution
17	Q2730-01	001 willets Pt Blvd(july)	SAM	07/31/25 10:38	NH3 is high	rubina	Dilution
18	Q2730-02	002 35th Ave(july)	SAM	07/31/25 10:38	NH3 is high	rubina	Dilution

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136664

Review By	rubina	Review On	7/31/2025 1:59:38 PM
Supervise By	Iwona	Supervise On	8/1/2025 8:28:27 AM
SubDirectory	LB136664	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114129		
ICV Standard	WP114131		
CCV Standard	WP114130		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113889		
Chk Standard	WP113852,WP114133,WP113929,WP114132		

19	Q2730-02DUP	002 35th Ave(july)DUP	DUP	07/31/25 10:38	NH3 is high	rubina	Dilution
20	Q2730-02MS	002 35th Ave(july)MS	MS	07/31/25 10:45		rubina	OK
21	Q2730-02MSD	002 35th Ave(july)MSD	MSD	07/31/25 10:45		rubina	OK
22	CCV2	CCV2	CCV	07/31/25 10:45		rubina	OK
23	CCB2	CCB2	CCB	07/31/25 10:45		rubina	OK
24	Q2698-01DL	EFFLUENTDL	SAM	07/31/25 11:14	10X For NH3	rubina	Confirms
25	Q2698-05DL	INFLUENTDL	SAM	07/31/25 11:14	10X For NH3	rubina	Confirms
26	Q2730-01DL	001 willets Pt Blvd(july)	SAM	07/31/25 11:14	5X For NH3	rubina	Confirms
27	Q2730-02DL	002 35th Ave(july)DL	SAM	07/31/25 11:14	5X For NH3	rubina	Confirms
28	Q2730-02DUPDL	002 35th Ave(july)DUP	DUP	07/31/25 11:14	5X For NH3	rubina	Confirms
29	CCV3	CCV3	CCV	07/31/25 11:14		rubina	OK
30	CCB3	CCB3	CCB	07/31/25 11:14		rubina	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: HOLLAND MANUF. CO
ADDRESS: 15 MAIN ST
CITY: SUCCASUNNA STATE: NJ ZIP: 07
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SAM PRETREATMENT PLANT
PROJECT NO.: LOCATION:
PROJECT MANAGER: T
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

ANALYSIS

DATA TURNAROUND INFORMATION

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

BOD5 *TSS* *DTG* *PO4* *TOT P* *NH3*
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										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	EFFLUENT	W		✓	7/25	1000	6	✓	✓	✓	✓	✓	✓				
2.	AERATION	W		✓	7/25	1000	1		✓								
3.	INFLUENT	W		✓	7/25	1000	2	✓					✓				
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>7/25/25 1100</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.6 °C</u>
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME: <u>7/25/25</u>	RECEIVED BY: 2. <u>[Signature]</u>	Comments: <u>LAB TO FURN</u> <u>IR-Gun #1</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 3. <u>[Signature]</u>	CLIENT: ☐ Hand Delivered ☐ Other

Page ____ of ____

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488