

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:	Q2813	OrderDate:	8/8/2025 2:49:00 PM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant 2025
Contact:	Todd Holland	Location:	--Select--,J41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2813-01	EFFLUENT	WATER			08/08/25 12:00			08/08/25
			Ammonia	SM4500-NH3		08/11/25	08/12/25 10:19	
			BOD5	SM5210 B			08/08/25 15:50	
			Oil and Grease	1664A			08/11/25 09:37	
			Phosphorus-Ortho	SM4500-P E			08/08/25 16:31	
			Phosphorus-Total	365.3		08/11/25	08/11/25 11:46	
			TSS	SM2540 D			08/11/25 10:00	
Q2813-01DL	EFFLUENTDL	WATER			08/08/25 12:00			08/08/25
			Ammonia	SM4500-NH3		08/11/25	08/12/25 10:50	
Q2813-04	AERATION	WATER			08/08/25 12:00			08/08/25
			TSS	SM2540 D			08/11/25 10:00	
Q2813-05	INFLUENT	WATER			08/08/25 12:00			08/08/25
			Ammonia	SM4500-NH3		08/11/25	08/12/25 10:25	
			BOD5	SM5210 B			08/08/25 15:50	

LAB CHRONICLE

Q2813-05DL

INFLUENTDL

WATER

**08/08/25
12:00**

08/08/25

Ammonia

SM4500-NH3

08/11/25

08/12/25
10:50



SAMPLE DATA

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	08/08/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	08/08/25
Client Sample ID:	EFFLUENT	SDG No.:	Q2813
Lab Sample ID:	Q2813-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	764	OR	1	1.50	5.00	mg/L	08/11/25 15:00	08/12/25 10:19	SM 4500-NH3 B plus G-21
BOD5	5990		1	0.20	2.00	mg/L		08/08/25 15:50	SM 5210 B-16
Oil and Grease	24.0		1	0.29	5.00	mg/L		08/11/25 09:37	1664A
Orthophosphate as P	0.073		1	0.0040	0.050	mg/L		08/08/25 16:31	SM 4500-P E-21
Phosphorus, Total	0.13		1	0.0050	0.050	mg/L	08/11/25 09:25	08/11/25 11:46	365.3
TSS	9280		1	1.00	4.00	mg/L		08/11/25 10:00	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:	08/08/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	08/08/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q2813
Lab Sample ID:	Q2813-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	726	D	10	15.0	50.0	mg/L	08/11/25 15:00	08/12/25 10:50	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

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	08/08/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	08/08/25
Client Sample ID:	AERATION	SDG No.:	Q2813
Lab Sample ID:	Q2813-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	3330		1	1.00	4.00	mg/L		08/11/25 10:00	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:	08/08/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	08/08/25
Client Sample ID:	INFLUENT	SDG No.:	Q2813
Lab Sample ID:	Q2813-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	714	OR	1	1.50	5.00	mg/L	08/11/25 15:00	08/12/25 10:25	SM 4500-NH3 B plus G-21
BOD5	5790		1	0.20	2.00	mg/L		08/08/25 15:50	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:	08/08/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	08/08/25
Client Sample ID:	INFLUENTDL	SDG No.:	Q2813
Lab Sample ID:	Q2813-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	640	D	10	15.0	50.0	mg/L	08/11/25 15:00	08/12/25 10:50	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.: Q2813

Project: Pre Treatment Plant 2025

RunNo.: LB136763

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Orthophosphate as P	mg/L	0.495	0.50	99	90-110	08/08/2025
Sample ID: CCV1 Orthophosphate as P	mg/L	0.503	0.5	101	90-110	08/08/2025
Sample ID: CCV2 Orthophosphate as P	mg/L	0.491	0.5	98	90-110	08/08/2025

Initial and Continuing Calibration Verification

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

RunNo.: LB136771

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Phosphorus, Total	mg/L	0.505	0.50	101	90-110	08/11/2025
Sample ID: CCV1 Phosphorus, Total	mg/L	0.493	0.50	99	90-110	08/11/2025
Sample ID: CCV2 Phosphorus, Total	mg/L	0.503	0.50	101	90-110	08/11/2025

Initial and Continuing Calibration Verification

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

RunNo.: LB136784

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.99	1	99	90-110	08/12/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.97	1	97	90-110	08/12/2025
Sample ID: CCV2 Ammonia as N	mg/L	0.97	1	97	90-110	08/12/2025
Sample ID: CCV3 Ammonia as N	mg/L	1	1	100	90-110	08/12/2025
Sample ID: CCV4 Ammonia as N	mg/L	0.99	1	99	90-110	08/12/2025

Initial and Continuing Calibration Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

RunNo.: LB136763

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Orthophosphate as P	mg/L	0.009	0.0250	J	0.0038	0.05	08/08/2025
Sample ID: CCB1 Orthophosphate as P	mg/L	0.011	0.0250	J	0.0038	0.05	08/08/2025
Sample ID: CCB2 Orthophosphate as P	mg/L	0.011	0.0250	J	0.0038	0.05	08/08/2025

Initial and Continuing Calibration Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

RunNo.: LB136771

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Phosphorus, Total	mg/L	0.008	0.0250	J	0.0045	0.05	08/11/2025
Sample ID: CCB1 Phosphorus, Total	mg/L	0.007	0.0250	J	0.0045	0.05	08/11/2025
Sample ID: CCB2 Phosphorus, Total	mg/L	0.010	0.0250	J	0.0045	0.05	08/11/2025

Initial and Continuing Calibration Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

RunNo.: LB136784

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	0.032	0.0500	J	0.030	0.1	08/12/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025

Preparation Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136763BL Orthophosphate as P	mg/L	0.007	0.0250	J	0.004	0.05	08/08/2025
Sample ID: LB136764BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	08/08/2025
Sample ID: LB136765BL TSS	mg/L	< 2.0000	2.0000	U	1	4	08/11/2025
Sample ID: LB136766BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	08/11/2025
Sample ID: PB169196BL Phosphorus, Total	mg/L	0.011	0.0250	J	0.005	0.05	08/11/2025
Sample ID: PB169199BL Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	08/12/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2804-01
Client ID:	WATER-TREATMENT DISCHARGEMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	1.00		0.11		1	1	89		08/12/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2804-01
Client ID:	WATER-TREATMENT DISCHARGEMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	1.00		0.11		1	1	89		08/12/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2810-01
Client ID:	MH-8-9-2025MS	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	365		345		20.0	1	100		08/11/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2810-01
Client ID:	MH-8-9-2025MSD	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	366		345		20.0	1	101		08/11/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2813-01
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	0.59		0.13		0.5	1	93		08/11/2025
Orthophosphate as P	mg/L	90-110	0.54		0.073		0.5	1	94		08/08/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2813-01
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		0.13		0.5	1	94		08/11/2025
Orthophosphate as P	mg/L	90-110	0.55		0.073		0.5	1	94		08/08/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2813-01
Client ID:	Q2813-1MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	43.9		24.0		20.0	1	100		08/11/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2813-01
Client ID:	Q2813-1MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	43.8		24.0		20.0	1	99		08/11/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2813
Project: Pre Treatment Plant 2025	Sample ID: Q2789-02
Client ID: CompDUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TSS	mg/L	+/-5	377		387		1	2.62		08/11/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2813
Project: Pre Treatment Plant 2025	Sample ID: Q2804-01
Client ID: WATER-TREATMENT DISCHARGEDUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/L	+/-20	0.11		0.11		1	0		08/12/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2813
Project: Pre Treatment Plant 2025	Sample ID: Q2804-01
Client ID: WATER-TREATMENT DISCHARGEMSD	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/L	+/-20	1.00		1.00		1	0		08/12/2025

Duplicate Sample Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2810-01
Client ID:	MH-8-9-2025MSD	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	365		366		1	0.05		08/11/2025

Duplicate Sample Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2813
Project:	Pre Treatment Plant 2025	Sample ID:	Q2811-02
Client ID:	EFF-WASTE WATERDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD5	mg/L	+/-20	605		617		1	2		08/08/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2813
Project: Pre Treatment Plant 2025	Sample ID: Q2813-01
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	0.073		0.071		1	2.78		08/08/2025
Phosphorus, Total	mg/L	+/-20	0.13		0.12		1	3.25		08/11/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co. Project: Pre Treatment Plant 2025 Client ID: EFFLUENTMSD	SDG No.: Q2813 Sample ID: Q2813-01 Percent Solids for Spike Sample: 0
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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	0.54		0.55		1	0.74		08/08/2025
Phosphorus, Total	mg/L	+/-20	0.59		0.59		1	0.51		08/11/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2813
Project: Pre Treatment Plant 2025	Sample ID: Q2813-01
Client ID: Q2813-1MSD	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	43.9		43.8		1	0.23		08/11/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

Run No.: LB136763

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136763BS							
Orthophosphate as P	mg/L	0.5	0.51		102	1	90-110	08/08/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

Run No.: LB136764

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136764BS							
BOD5	mg/L	198	208		105	1	84.6-115.4	08/08/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

Run No.: LB136765

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136765BS							
TSS	mg/L	550	531		96	1	90-110	08/11/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

Run No.: LB136766

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136766BS							
Oil and Grease	mg/L	20.0	16.8		84	1	78-114	08/11/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

Run No.: LB136771

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169196BS							
Phosphorus, Total	mg/L	0.50	0.50		100	1	90-110	08/11/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2813

Project: Pre Treatment Plant 2025

Run No.: LB136784

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169199BS							
Ammonia as N	mg/L	1	1.00		100	1	90-110	08/12/2025



RAW DATA

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136763

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP114236
calibration std. phosphate 0.5 ppm	WP114235
calibration std. phosphate 0.3 ppm	WP114234
calibration std. phosphate 0.1 ppm	WP114233
calibration std. phosphate 0.05 ppm	WP114232
calibration std. 0 ppm	WP114231
phosphate CCV std.	WP114239
Combined reagent	WP114238
Phosphate ICV-LCS Std	WP114240
Phosphate RL CHECK	WP114241

Intercept: -0.0039

Slope: 0.6562

Regression: 0.99966

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	0.006		08/08/2025	16:25
2	CAL2	0.05	1	50	50	0.033	0.056	12	08/08/2025	16:25
3	CAL3	0.10	1	50	50	0.062	0.1	0	08/08/2025	16:26
4	CAL4	0.30	1	50	50	0.180	0.28	-6.7	08/08/2025	16:26
5	CAL5	0.50	1	50	50	0.326	0.503	0.6	08/08/2025	16:27
6	CAL6	1.00	1	50	50	0.655	1.004	0.4	08/08/2025	16:27

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136763

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	0.495	08/08/2025	16:28
2	ICB		1	50	50	0.002	0.009	08/08/2025	16:28
3	CCV1	0.5	1	50	50	0.326	0.503	08/08/2025	16:29
4	CCB1		1	50	50	0.003	0.011	08/08/2025	16:29
5	RL Check	0.05	1	50	50	0.028	0.049	08/08/2025	16:30
6	LB136763BL		1	50	50	0.001	0.007	08/08/2025	16:30
7	LB136763BS	0.5	1	50	50	0.331	0.510	08/08/2025	16:31
8	Q2813-01		1	50	50	0.044	0.073	08/08/2025	16:31
9	Q2813-01DUP		1	50	50	0.043	0.071	08/08/2025	16:32
10	Q2813-01MS	0.5	1	50	50	0.351	0.541	08/08/2025	16:32
11	Q2813-01MSD	0.5	1	50	50	0.354	0.545	08/08/2025	16:33
12	CCV2	0.5	1	50	50	0.318	0.491	08/08/2025	16:33
13	CCB2		1	50	50	0.003	0.011	08/08/2025	16:34

WORKLIST(Hardcopy Internal Chain)

LB 136763

WorkList Name : ORTHO P-080825

WorkList ID : 191184

Department : Wet-Chemistry

Date : 08-08-2025 15:45:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2813-01	EFFLUENT	Water	Phosphorus-Ortho	Cool 4 deg C	HOLL01	J41	08/08/2025	SM4500-P E

Date/Time08/08/2515:55

Raw Sample Received by:126000

Raw Sample Relinquished by:280000

Date/Time08/08/2516:40

Raw Sample Received by:280000

Raw Sample Relinquished by:126000

BOD5 LOG

ANALYST: rubin
Inst Id :DO METER
LB :LB136764

Reviewed By:jignesh
On:8/14/2025 10:00:24
AM

SUPERVISOR: jignesh

QC BATCH ID: LB136764

Analysis Date: 08/08/2025

BOD Water: WP114228

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP114230

NaOH, 1N: WP113878

GGA: WP114229

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3215

Zero DO: WP114055

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.8	9.8	9.8
WINKLER 2	WINKLER 2	2	300	10.00	19.8	9.8	9.8

Meter Calibration1: 9.41

Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.98

After Incubation

Meter Calibration2: 8.74

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg

QC BATCH ID: LB136764

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 15:50

TIME OUT: 14:00

DATE IN: 08/08/2025

DATE OUT: 08/13/2025

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
LB136764BL	1	No	6.81	N/A	20.80	300	9.98	9.96	0.02	0.02	0.02	
POLYSEED	1					10	9.92	7.12	2.8	0.56	0.62	
POLYSEED	2					15	9.89	5.07	4.82	0.64		
POLYSEED	3					20	9.84	3.21	6.63	0.66		
GGA	1					6	9.90	5.22	4.68	203	208.33	
GGA	2					6	9.90	5.09	4.81	209.5		
GGA	3					6	9.87	5.00	4.87	212.5		
Q2810-01	1	No	4.80	6.70	20.90	5	9.94	1.01	8.93	498.6	498.6	pH Adjusted
Q2810-01	2					20	9.90	0.33	-	0		
Q2810-01	3					50	9.42	0.22	-	0		
Q2810-01	4					150	7.09	0.19	-	0		
Q2811-02	1	No	8.15	6.91	20.70	5	9.90	8.89	-	0	605	pH Adjusted
Q2811-02	2					10	9.87	8.22	-	0		
Q2811-02	3					20	9.85	5.63	4.22	540		
Q2811-02	4					30	9.82	2.50	7.32	670		
Q2811-02DUP	1	No	8.15	6.91	20.70	5	9.92	8.81	-	0	617.25	pH Adjusted
Q2811-02DUP	2					10	9.86	8.54	-	0		
Q2811-02DUP	3					20	9.84	5.57	4.27	547.5		
Q2811-02DUP	4					30	9.81	2.32	7.49	687		
Q2813-01	1	No	8.35	7.11	20.20	1	9.91	8.81	-	0	5991	pH Adjusted
Q2813-01	2					5	9.86	8.21	-	0		
Q2813-01	3					10	9.84	6.69	3.15	7590		
Q2813-01	4					50	9.46	1.52	7.94	4392		
Q2813-01	5					100	9.03	0.32	-	0		
Q2813-05	1	No	8.38	7.39	20.30	1	9.92	8.62	-	0	5790	pH Adjusted
Q2813-05	2					5	9.90	8.40	-	0		
Q2813-05	3					10	9.82	7.27	2.55	5790		
Q2813-05	4					50	9.74	0.64	-	0		
Q2813-05	5					100	8.90	0.35	-	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.

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: rubina

ANALYST: jignesh

Date: 08/08/2025

Run Number: LB136765

BalanceID: WC-SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 08/08/2025 14:00 **TEMP1 OUT:** 103 °C 08/08/2025 15:30
TEMP2 IN: 104 °C 08/08/2025 16:00 **TEMP2 OUT:** 103 °C 08/08/2025 17:00
TEMP3 IN: 104 °C 08/11/2025 10:00 **TEMP3 OUT:** 103 °C 08/11/2025 11:30
TEMP4 IN: 104 °C 08/11/2025 12:00 **TEMP4 OUT:** 103 °C 08/11/2025 13:35

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	LB136765BL	LB136765BL	1.5206	1.5207	100	1.5207	1.5207	1.5207	0.0000	0
2	LB136765BS	LB136765BS	1.4853	1.4854	100	1.5385	1.5385	1.5385	0.0531	531
3	Q2789-02	Comp	1.4883	1.4883	70	1.5147	1.5147	1.5147	0.0264	377.1
4	Q2789-02DUP	CompDUP	1.4859	1.4859	70	1.5129	1.5130	1.5130	0.0271	387.1
5	Q2805-02	RW8-SP303-20250807	1.4726	1.4727	1800	1.4730	1.4731	1.4731	0.0004	0.2
6	Q2810-01	MH-892025	1.4753	1.4753	300	1.5575	1.5575	1.5575	0.0822	274
7	Q2811-02	EFF-WASTE WATER	1.4686	1.4686	750	1.4911	1.4911	1.4911	0.0225	30
8	Q2813-01	EFFLUENT	1.4912	1.4912	20	1.6767	1.6767	1.6767	0.1855	9275
9	Q2813-04	AERATION	1.5005	1.5005	20	1.5670	1.5670	1.5670	0.0665	3325

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)

UP 136765

WorkList Name : TSS Q2810 WorkList ID : 191188 Department : Wet-Chemistry Date : 08-11-2025 07:52:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2789-02	B Comp	Water	TSS	Cool 4 deg C	ARAM01	J21	08/06/2025	SM2540 D
Q2805-02	BL RW8-SP303-20250807	Water	TSS	Cool 4 deg C	TETR06	J22	08/07/2025	SM2540 D
Q2810-01	D MH-892025	Water	TSS	Cool 4 deg C	EURO03	D21	08/08/2025	SM2540 D
Q2811-02	B EFF-WASTE WATER	Water	TSS	Cool 4 deg C	ARDM01	J21	08/08/2025	SM2540 D
Q2813-01	D EFFLUENT	Water	TSS	Cool 4 deg C	HOLL01	J41	08/08/2025	SM2540 D
Q2813-04	AERATION	Water	TSS	Cool 4 deg C	HOLL01	J41	08/08/2025	SM2540 D

Date/Time 08-11-25 08:00
Raw Sample Received by: SB wcl
Raw Sample Relinquished by: JDCSM

Date/Time 08-11-25 14:30
Raw Sample Received by: JDCSM
Raw Sample Relinquished by: SB wcl

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Oil and Grease
Run Number: LB136766
Analysis Date: 08/11/2025
BalanceID: WC-SC-6
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: Iwona
Extraction Date: 08/11/2025
Extraction IN Time: 08:10
Extraction OUT Time: 08:40
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	LB136766BL	LB136766BL	WATER	1.3	1000	100	2.8531	2.8531	0	2.8532	2.8532	0.0001	0.1
2	LB136766BS	LB136766BS	WATER	1.3	1000	100	3.0142	3.0142	0	3.0310	3.0310	0.0168	16.8
3	Q2769-01	001-WILLETS-PT-BLVD (AU	WATER	1.3	1000	100	3.0013	3.0013	0	3.0066	3.0066	0.0053	5.3
4	Q2769-04	002-35TH-AVE (AUG)	WATER	1.3	1000	100	3.0450	3.0450	0	3.0495	3.0495	0.0045	4.5
5	Q2810-01	MH-8-9-2025	WATER	1.6	1000	100	3.0747	3.0747	0	3.4201	3.4201	0.3454	345.4
6	Q2810-02	Q2810-01MS	WATER	1.6	1000	100	2.7463	2.7463	0	3.1117	3.1117	0.3654	365.4
7	Q2810-03	Q2810-01MSD	WATER	1.6	1000	100	3.0522	3.0522	0	3.4178	3.4178	0.3656	365.6
8	Q2813-01	EFFLUENT	WATER	1.6	1000	100	3.0342	3.0342	0	3.0582	3.0582	0.0240	24
9	Q2813-02	Q2813-1MS	WATER	1.6	1000	100	2.7411	2.7411	0	2.7850	2.7850	0.0439	43.9
10	Q2813-03	Q2813-1MSD	WATER	1.6	1000	100	2.9036	2.9036	0	2.9474	2.9474	0.0438	43.8

QC Batch# LB136766

Test: Oil and Grease

Analysis Date: 08/11/2025

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	WP112784

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 : 10:31

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 09:37

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

Out Time1: 10:30

After Analysis

0.0020 gram Balance: 0.0021 (0.0018-0.0022) In OVEN TEMP2 : 70 °C Dessicator Time In2 : 12:01

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

Bal Check Time: 12:40 Out OVEN TEMP2: 70 °C Dessicator Time Out2: 12:37

Out Time2: 12:00

WORKLIST(Hardcopy Internal Chain)

VB 136766

WorkList Name : OIL & GREASE Q2810 WorkList ID : 191186 Department : Wet-Chemistry Date : 08-11-2025 07:50:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2769-01	L 001-WILLETS-PT-BLVD(AUG)	Water	Oil and Grease	Conc H2SO4 to pH < 2	TULL01	D31	08/04/2025	1664A
Q2769-04	L 002-35TH-AVE(AUG)	Water	Oil and Grease	Conc H2SO4 to pH < 2	TULL01	D31	08/04/2025	1664A
Q2810-01	F MH-892025	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D21	08/08/2025	1664A
Q2810-02	Q2810-01MS	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D21	08/08/2025	1664A
Q2810-03	Q2810-01MSD	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D21	08/08/2025	1664A
Q2813-01	F EFFLUENT	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	J41	08/08/2025	1664A
Q2813-02	Q2813-1MS	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	J41	08/08/2025	1664A
Q2813-03	Q2813-1MSD	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	J41	08/08/2025	1664A

Date/Time 08/11/25 08:00
 Raw Sample Received by: JB Gacy
 Raw Sample Relinquished by: JDCSM

Date/Time 08/11/25 13:30
 Raw Sample Received by: JDCSM
 Raw Sample Relinquished by: JB Gacy

Analytical Summary Report

Analysis Method: 365.3
Parameter: Phosphorus-Total
Run Number: LB136771

ANALYST: Iwona
SUPERVISOR REVIEW BY: jignesh

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP114236
calibration std. phosphate 0.5 ppm	WP114235
calibration std. phosphate 0.3 ppm	WP114234
calibration std. phosphate 0.1 ppm	WP114233
calibration std. phosphate 0.05 ppm	WP114232
calibration std. 0 ppm	WP114231
phosphate CCV std.	WP114239
5N sulfuric acid	WP112831
Combined reagent	WP114255
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate ICV-LCS Std	WP114240

Intercept: -0.0045 Slope: 0.6585 Regression: 0.999663

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	0.007		08/11/2025	11:40
2	CAL2	0.05	1	50	50	0.031	0.054	8	08/11/2025	11:40
3	CAL3	0.10	1	50	50	0.063	0.103	3	08/11/2025	11:41
4	CAL4	0.30	1	50	50	0.180	0.28	-6.7	08/11/2025	11:41
5	CAL5	0.50	1	50	50	0.326	0.502	0.4	08/11/2025	11:42
6	CAL6	1.00	1	50	50	0.657	1.005	0.5	08/11/2025	11:42

Analysis Method: 365.3

ANALYST: Iwona

Parameter: Phosphorus-Total

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136771

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	0.328	0.505	08/11/2025	11:43
2	ICB		1	50	50	0.001	0.008	08/11/2025	11:43
3	CCV1	0.50	1	50	50	0.320	0.493	08/11/2025	11:44
4	CCB1		1	50	50	0.000	0.007	08/11/2025	11:44
5	RL Check		1	50	50	0.026	0.046	08/11/2025	11:45
6	PB169196BL		1	50	50	0.003	0.011	08/11/2025	11:45
7	PB169196BS	0.50	1	50	50	0.324	0.499	08/11/2025	11:46
8	Q2813-01		1	50	50	0.078	0.125	08/11/2025	11:46
9	Q2813-01DUP		1	50	50	0.075	0.121	08/11/2025	11:47
10	Q2813-01MS	0.50	1	50	50	0.384	0.590	08/11/2025	11:47
11	Q2813-01MSD	0.50	1	50	50	0.386	0.593	08/11/2025	11:48
12	CCV2	0.50	1	50	50	0.327	0.503	08/11/2025	11:48
13	CCB2		1	50	50	0.002	0.010	08/11/2025	11:49

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

8/12/2025 10:58

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.991	0.0	0.201	
ICB1	0.032	0.0	0.017	
CCV1	0.969	0.0	0.196	
CCB1	0.028	0.0	0.017	
RL CHECK	0.098	0.0	0.030	
PB169198BL	0.029	0.0	0.017	
PB169198BS	1.007	0.0	0.204	
Q2795-01	0.026	0.0	0.016	
Q2795-01DUP	0.023	0.0	0.016	
Q2795-01MS	0.950	0.0	0.193	
Q2795-01MSD	0.943	0.0	0.191	
Q2795-02	0.022	0.0	0.015	
Q2795-03	0.034	0.0	0.018	
Q2807-01	0.021	0.0	0.015	
CCV2	0.968	0.0	0.196	
CCB2	0.020	0.0	0.015	
Q2807-02	0.024	0.0	0.016	
Q2807-03	0.021	0.0	0.015	
PB169199BL	0.018	0.0	0.015	
PB169199BS	0.999	0.0	0.202	
Q2804-01	0.108	0.0	0.032	
Q2804-01DUP	0.111	0.0	0.032	
Q2804-01MS	1.024	0.0	0.207	
Q2804-01MSD	1.010	0.0	0.204	
Q2813-01	15.270	0.0	2.930	Init abs., Test limit hig
Q2813-05	14.286	0.0	2.741	Init abs., Test limit hig
CCV3	1.025	0.0	0.207	
CCB3	0.020	0.0	0.015	
Q2813-01DLX10	1.453	0.0	0.289	
Q2813-05DLX10	1.280	0.0	0.256	
CCV4	0.992	0.0	0.201	
CCB4	0.020	0.0	0.015	

98% (50-150)

08/12/2025
RM

08/12/2025
RM

N 32
Mean 1.369
SD 3.5551
CV% 259.61

Aquakem v. 7.2AQ1

Results from time period:

Tue Aug 12 08:49:22 2025

Tue Aug 12 10:50:57 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0238	mg/l	8/12/2025 8:49:22	
0.1PPM	A	Ammonia-† P		0.1099	mg/l	8/12/2025 8:49:23	
0.2PPM	A	Ammonia-† P		0.1986	mg/l	8/12/2025 8:49:24	
0.4PPM	A	Ammonia-† P		0.3944	mg/l	8/12/2025 8:49:25	
1.0PPM	A	Ammonia-† P		0.9869	mg/l	8/12/2025 8:49:26	
1.3PPM	A	Ammonia-† P		1.2706	mg/l	8/12/2025 8:49:27	
2.0PPM	A	Ammonia-† P		2.0492	mg/l	8/12/2025 8:49:28	
ICV1	S	Ammonia-† P		0.9911	mg/l	8/12/2025 9:47:03	
ICB1	S	Ammonia-† P		0.032	mg/l	8/12/2025 9:47:05	
CCV1	S	Ammonia-† P		0.969	mg/l	8/12/2025 9:47:08	
CCB1	S	Ammonia-† P		0.0284	mg/l	8/12/2025 9:47:10	
RL CHECK	S	Ammonia-† P		0.0981	mg/l	8/12/2025 9:47:13	
PB169198BL	S	Ammonia-† P		0.0294	mg/l	8/12/2025 9:57:47	
PB169198BS	S	Ammonia-† P		1.007	mg/l	8/12/2025 9:57:49	
Q2795-01	S	Ammonia-† P		0.0258	mg/l	8/12/2025 9:57:52	
Q2795-01DUP	S	Ammonia-† P		0.0225	mg/l	8/12/2025 9:57:53	
Q2795-01MS	S	Ammonia-† P		0.9495	mg/l	8/12/2025 9:57:55	
Q2795-01MSD	S	Ammonia-† P		0.9431	mg/l	8/12/2025 9:57:56	
Q2795-02	S	Ammonia-† P		0.0221	mg/l	8/12/2025 10:08:31	
Q2795-03	S	Ammonia-† P		0.0339	mg/l	8/12/2025 10:08:32	
Q2807-01	S	Ammonia-† P		0.0212	mg/l	8/12/2025 10:08:33	
CCV2	S	Ammonia-† P		0.9678	mg/l	8/12/2025 10:08:37	
CCB2	S	Ammonia-† P		0.0198	mg/l	8/12/2025 10:08:39	
Q2807-02	S	Ammonia-† P		0.0239	mg/l	8/12/2025 10:08:40	
Q2807-03	S	Ammonia-† P		0.0208	mg/l	8/12/2025 10:08:41	
PB169199BL	S	Ammonia-† P		0.0185	mg/l	8/12/2025 10:08:42	
PB169199BS	S	Ammonia-† P		0.9986	mg/l	8/12/2025 10:19:14	
Q2804-01	S	Ammonia-† P		0.1083	mg/l	8/12/2025 10:19:16	
Q2804-01DUP	S	Ammonia-† P		0.1108	mg/l	8/12/2025 10:19:19	
Q2804-01MS	S	Ammonia-† P		1.0238	mg/l	8/12/2025 10:19:20	
Q2804-01MSD	S	Ammonia-† P		1.0095	mg/l	8/12/2025 10:19:21	
Q2813-01	S	Ammonia-† P		15.2703	mg/l	8/12/2025 10:19:24	
Q2813-05	S	Ammonia-† P		14.2855	mg/l	8/12/2025 10:25:52	
CCV3	S	Ammonia-† P		1.0249	mg/l	8/12/2025 10:25:53	
CCB3	S	Ammonia-† P		0.0203	mg/l	8/12/2025 10:25:55	
Q2813-01DLX10	S	Ammonia-† P		1.4528	mg/l	8/12/2025 10:50:50	
Q2813-05DLX10	S	Ammonia-† P		1.2799	mg/l	8/12/2025 10:50:52	
CCV4	S	Ammonia-† P		0.9916	mg/l	8/12/2025 10:50:54	
CCB4	S	Ammonia-† P		0.0203	mg/l	8/12/2025 10:50:56	

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RH

Instrument ID : Konelab

8/12/2025 8:57

Test Ammonia-N

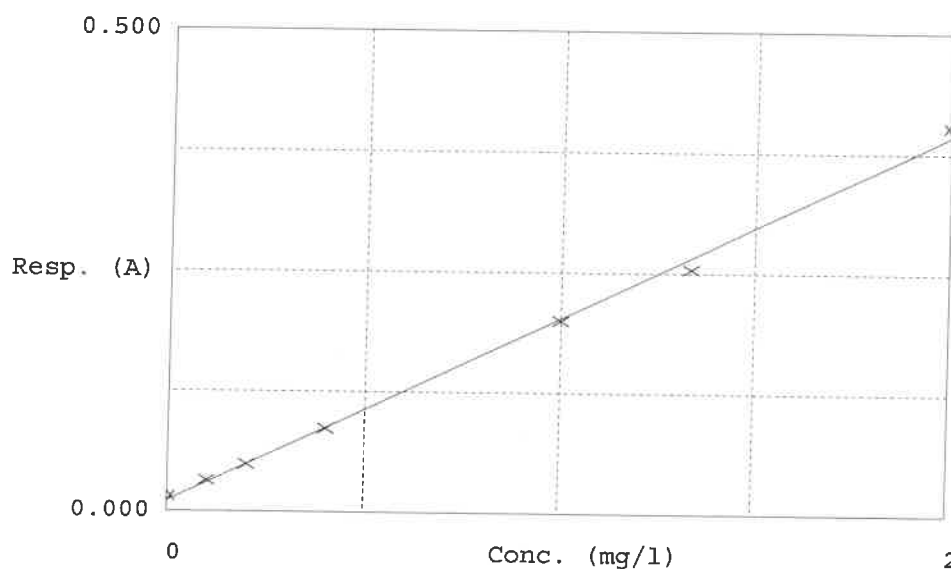
Accepted 8/12/2025 8:57

Factor 5.233

Bias 0.011

Coeff. of det. 0.997860

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.016	0.0238	0.0000	✓
2	NH3-2PPM	0.032	0.1099	0.1000	9.9
3	NH3-2PPM	0.049	0.1986	0.2000	-0.7
4	NH3-2PPM	0.087	0.3944	0.4000	-1.4
5	NH3-2PPM	0.200	0.9869	1.0000	-1.3
6	NH3-2PPM	0.254	1.2706	1.3333	-2.3
7	NH3-2PPM	0.403	2.0492	2.0000	2.5

08/12/2025
RH

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

SDG No : N/A

Start Digest Date: 08/11/2025 Time : 09:25 Temp : 95 °C

Matrix : WATER

End Digest Date: 08/11/2025 Time : 10:30 Temp : 96 °C

Pipette 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:

Standardized 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	WP114241
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
CAL1	CAL1	50.0ML	WP114231
CAL2	CAL2	50.0ML	WP114232
CAL3	CAL3	50.0ML	WP114233
CAL4	CAL4	50.0ML	WP114234
CAL5	CAL5	50.0ML	WP114235
CAL6	CAL6	50.0ML	WP114236
ICV	ICV	50.0ML	WP114240
ICB	ICB	50.0ML	W3112
CCV	CCV	50.0ML	WP114239
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 8/11/25

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169196BL	PBW196	50	50	<2	N/A	N/A	N/A	N/A	N/A
PB169196BS	LCS196	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2813-01	EFFLUENT	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2813-01DUP	EFFLUENTDUP	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2813-01MS	EFFLUENTMS	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2813-01MSD	EFFLUENTMSD	50	50	<2	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TotalPhos-081125 WorkList ID : 191194 Department : Distillation Date : 08-11-2025 08:57:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2813-01	EFFLUENT	Water	Phosphorus-Total	Conc H2SO4 to pH < 2	HOLL01	J41	08/08/2025	365.3

Date/Time 08/11/25 09:10
Raw Sample Received by: 12()
Raw Sample Relinquished by: 254007

Date/Time 08/11/25 10:15
Raw Sample Received by: 254000
Raw Sample Relinquished by: 12()

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

SDG No : N/A

Start Digest Date: 08/11/2025 Time : 15:00 Temp : 150 °C

Matrix : WATER

End Digest Date: 08/11/2025 Time : 16:00 Temp : 160 °C

Pipette ID : WC

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: RM

Weigh By : RM

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP114257
MS/MSD SPIKE SOL.	1.0ML	WP114256
PBW	50.0ML	W3112
RL CHECK	N/A	AS PER PB169198
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 Q2813-01-05.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/11/2025 16:15	RM cwc	RM cwc
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169199BL	PBW199	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB169199BS	LCS199	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2804-01DUP	WATER-TREATMENT DISCHARGEDUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2804-01MS	WATER-TREATMENT DISCHARGEMS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2804-01MSD	WATER-TREATMENT DISCHARGEMSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2804-01	WATER-TREATMENT DISCHARGE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2813-01	EFFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2813-05	INFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ammonia w-8-11 WorkList ID : 191197 Department : Distillation Date : 08-11-2025 09:58:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2804-01	WATER-TREATMENT DISCHAI	Water	Ammonia	Conc H2SO4 to pH < 2	VERI01	J22	08/07/2025	SM4500-NH3
Q2813-01	EFFLUENT	Water	Ammonia	Conc H2SO4 to pH < 2	HOLL01	J41	08/08/2025	SM4500-NH3
Q2813-05	INFLUENT	Water	Ammonia	Conc H2SO4 to pH < 2	HOLL01	J41	08/08/2025	SM4500-NH3

Date/Time 08/11/2025 13:45
Raw Sample Received by: RM (wsg)
Raw Sample Relinquished by: JF GOC

Date/Time 08/11/2025 15:25
Raw Sample Received by: JF GOC
Raw Sample Relinquished by: RM Cwq

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136763

Review By	Iwona	Review On	8/11/2025 11:41:32 AM
Supervise By	jignesh	Supervise On	8/11/2025 11:44:38 AM
SubDirectory	LB136763	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	WP114236,WP114235,WP114234,WP114233,WP114232,WP114231,WP114239,WP114238,WP114240,WP114241		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/08/25 16:25		Eman	OK
2	CAL2	CAL2	CAL	08/08/25 16:25		Eman	OK
3	CAL3	CAL3	CAL	08/08/25 16:26		Eman	OK
4	CAL4	CAL4	CAL	08/08/25 16:26		Eman	OK
5	CAL5	CAL5	CAL	08/08/25 16:27		Eman	OK
6	CAL6	CAL6	CAL	08/08/25 16:27		Eman	OK
7	ICV	ICV	ICV	08/08/25 16:28		Eman	OK
8	ICB	ICB	ICB	08/08/25 16:28		Eman	OK
9	CCV1	CCV1	CCV	08/08/25 16:29		Eman	OK
10	CCB1	CCB1	CCB	08/08/25 16:29		Eman	OK
11	RL Check	RL Check	RL	08/08/25 16:30		Eman	OK
12	LB136763BL	LB136763BL	MB	08/08/25 16:30		Eman	OK
13	LB136763BS	LB136763BS	LCS	08/08/25 16:31		Eman	OK
14	Q2813-01	EFFLUENT	SAM	08/08/25 16:31		Eman	OK
15	Q2813-01DUP	EFFLUENTDUP	DUP	08/08/25 16:32		Eman	OK
16	Q2813-01MS	EFFLUENTMS	MS	08/08/25 16:32		Eman	OK
17	Q2813-01MSD	EFFLUENTMSD	MSD	08/08/25 16:33		Eman	OK
18	CCV2	CCV2	CCV	08/08/25 16:33		Eman	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136763

Review By	Iwona	Review On	8/11/2025 11:41:32 AM
Supervise By	jignesh	Supervise On	8/11/2025 11:44:38 AM
SubDirectory	LB136763	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	WP114236,WP114235,WP114234,WP114233,WP114232,WP114231,WP114239,WP114238,WP114240,WP114241		

19	CCB2	CCB2	CCB	08/08/25 16:34		Eman	OK
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Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB136764

Review By	rubina	Review On	8/14/2025 9:49:24 AM
Supervise By	jignesh	Supervise On	8/14/2025 10:00:24 AM
SubDirectory	LB136764	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	WP114228,W3149,WP112832,W3103,W3109,W3105,WP114230,WP114229,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136764BL	LB136764BL	MB	08/08/25 15:50		rubina	OK
2	LB136764BS	LB136764BS	LCS	08/08/25 15:50		rubina	OK
3	Q2810-01	MH-892025	SAM	08/08/25 15:50		rubina	OK
4	Q2811-02	EFF-WASTE WATER	SAM	08/08/25 15:50		rubina	OK
5	Q2811-02DUP	EFF-WASTE WATER	DUP	08/08/25 15:50		rubina	OK
6	Q2813-01	EFFLUENT	SAM	08/08/25 15:50	Due to bad matrix difference between highest and lowest results is >30% for	rubina	OK
7	Q2813-05	INFLUENT	SAM	08/08/25 15:50		rubina	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136765

Review By	jignesh	Review On	8/12/2025 2:27:51 PM
Supervise By	rubina	Supervise On	8/12/2025 2:30:28 PM
SubDirectory	LB136765	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	LB136765BL	LB136765BL	MB	08/11/25 10:00		jignesh	OK
2	LB136765BS	LB136765BS	LCS	08/11/25 10:00		jignesh	OK
3	Q2789-02	Comp	SAM	08/11/25 10:00		jignesh	OK
4	Q2789-02DUP	CompDUP	DUP	08/11/25 10:00		jignesh	OK
5	Q2805-02	RW8-SP303-2025080	SAM	08/11/25 10:00		jignesh	OK
6	Q2810-01	MH-892025	SAM	08/11/25 10:00		jignesh	OK
7	Q2811-02	EFF-WASTE WATER	SAM	08/11/25 10:00		jignesh	OK
8	Q2813-01	EFFLUENT	SAM	08/11/25 10:00		jignesh	OK
9	Q2813-04	AERATION	SAM	08/11/25 10:00		jignesh	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136766

Review By	jignesh	Review On	8/11/2025 12:52:04 PM
Supervise By	Iwona	Supervise On	8/11/2025 12:52:31 PM
SubDirectory	LB136766	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,WP112784		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	LB136766BL	LB136766BL	MB	08/11/25 09:37		jignesh	OK
2	LB136766BS	LB136766BS	LCS	08/11/25 09:37		jignesh	OK
3	Q2769-01	001-WILLETS-PT-BL	SAM	08/11/25 09:37		jignesh	OK
4	Q2769-04	002-35TH-AVE(AUG)	SAM	08/11/25 09:37		jignesh	OK
5	Q2810-01	MH-892025	SAM	08/11/25 09:37		jignesh	OK
6	Q2810-02	Q2810-01MS	MS	08/11/25 09:37		jignesh	OK
7	Q2810-03	Q2810-01MSD	MSD	08/11/25 09:37		jignesh	OK
8	Q2813-01	EFFLUENT	SAM	08/11/25 09:37		jignesh	OK
9	Q2813-02	Q2813-1MS	MS	08/11/25 09:37		jignesh	OK
10	Q2813-03	Q2813-1MSD	MSD	08/11/25 09:37		jignesh	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136771

Review By	Iwona	Review On	8/11/2025 1:12:39 PM
Supervise By	jignesh	Supervise On	8/11/2025 1:15:16 PM
SubDirectory	LB136771	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	WP114236,WP114235,WP114234,WP114233,WP114232,WP114231,WP114239,WP112831,WP114255,WP113378,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/11/25 11:40		Iwona	OK
2	CAL2	CAL2	CAL	08/11/25 11:40		Iwona	OK
3	CAL3	CAL3	CAL	08/11/25 11:41		Iwona	OK
4	CAL4	CAL4	CAL	08/11/25 11:41		Iwona	OK
5	CAL5	CAL5	CAL	08/11/25 11:42		Iwona	OK
6	CAL6	CAL6	CAL	08/11/25 11:42		Iwona	OK
7	ICV	ICV	ICV	08/11/25 11:43		Iwona	OK
8	ICB	ICB	ICB	08/11/25 11:43		Iwona	OK
9	CCV1	CCV1	CCV	08/11/25 11:44		Iwona	OK
10	CCB1	CCB1	CCB	08/11/25 11:44		Iwona	OK
11	RL Check	RL Check	RL	08/11/25 11:45		Iwona	OK
12	PB169196BL	PB169196BL	MB	08/11/25 11:45		Iwona	OK
13	PB169196BS	PB169196BS	LCS	08/11/25 11:46		Iwona	OK
14	Q2813-01	EFFLUENT	SAM	08/11/25 11:46		Iwona	OK
15	Q2813-01DUP	EFFLUENTDUP	DUP	08/11/25 11:47		Iwona	OK
16	Q2813-01MS	EFFLUENTMS	MS	08/11/25 11:47		Iwona	OK
17	Q2813-01MSD	EFFLUENTMSD	MSD	08/11/25 11:48		Iwona	OK
18	CCV2	CCV2	CCV	08/11/25 11:48		Iwona	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136771

Review By	Iwona	Review On	8/11/2025 1:12:39 PM
Supervise By	jignesh	Supervise On	8/11/2025 1:15:16 PM
SubDirectory	LB136771	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	WP114236,WP114235,WP114234,WP114233,WP114232,WP114231,WP114239,WP112831,WP114255,WP113378,V		

19	CCB2	CCB2	CCB	08/11/25 11:49		Iwona	OK
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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136784

Review By	rubina	Review On	8/13/2025 10:22:10 AM
Supervise By	Sohil	Supervise On	8/13/2025 11:12:27 AM
SubDirectory	LB136784	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114262		
ICV Standard	WP114264		
CCV Standard	WP114263		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114257		
Chk Standard	WP114258,WP114133,WP113929,WP114132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	08/12/25 08:49		rubina	OK
2	0.1PPM	0.1PPM	CAL2	08/12/25 08:49		rubina	OK
3	0.2PPM	0.2PPM	CAL3	08/12/25 08:49		rubina	OK
4	0.4PPM	0.4PPM	CAL4	08/12/25 08:49		rubina	OK
5	1.0PPM	1.0PPM	CAL5	08/12/25 08:49		rubina	OK
6	1.3PPM	1.3PPM	CAL6	08/12/25 08:49		rubina	OK
7	2.0PPM	2.0PPM	CAL7	08/12/25 08:49		rubina	OK
8	ICV1	ICV1	ICV	08/12/25 09:47		rubina	OK
9	ICB1	ICB1	ICB	08/12/25 09:47		rubina	OK
10	CCV1	CCV1	CCV	08/12/25 09:47		rubina	OK
11	CCB1	CCB1	CCB	08/12/25 09:47		rubina	OK
12	RL	RL	SAM	08/12/25 09:47		rubina	OK
13	PB169198BL	PB169198BL	MB	08/12/25 09:57		rubina	OK
14	PB169198BS	PB169198BS	LCS	08/12/25 09:57		rubina	OK
15	Q2795-01	COMP-1	SAM	08/12/25 09:57		rubina	OK
16	Q2795-01DUP	COMP-1DUP	DUP	08/12/25 09:57		rubina	OK
17	Q2795-01MS	COMP-1MS	MS	08/12/25 09:57		rubina	OK
18	Q2795-01MSD	COMP-1MSD	MSD	08/12/25 09:57		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136784

Review By	rubina	Review On	8/13/2025 10:22:10 AM
Supervise By	Sohil	Supervise On	8/13/2025 11:12:27 AM
SubDirectory	LB136784	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114262		
ICV Standard	WP114264		
CCV Standard	WP114263		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114257		
Chk Standard	WP114258,WP114133,WP113929,WP114132		

19	Q2795-02	COMP-2	SAM	08/12/25 10:08		rubina	OK
20	Q2795-03	COMP-3	SAM	08/12/25 10:08		rubina	OK
21	Q2807-01	COMP-4	SAM	08/12/25 10:08		rubina	OK
22	CCV2	CCV2	CCV	08/12/25 10:08		rubina	OK
23	CCB2	CCB2	CCB	08/12/25 10:08		rubina	OK
24	Q2807-02	COMP-5	SAM	08/12/25 10:08		rubina	OK
25	Q2807-03	COMP-6	SAM	08/12/25 10:08		rubina	OK
26	PB169199BL	PB169199BL	MB	08/12/25 10:08		rubina	OK
27	PB169199BS	PB169199BS	LCS	08/12/25 10:19		rubina	OK
28	Q2804-01	WATER-TREATMENT	SAM	08/12/25 10:19		rubina	OK
29	Q2804-01DUP	WATER-TREATMENT	DUP	08/12/25 10:19		rubina	OK
30	Q2804-01MS	WATER-TREATMENT	MS	08/12/25 10:19		rubina	OK
31	Q2804-01MSD	WATER-TREATMENT	MSD	08/12/25 10:19		rubina	OK
32	Q2813-01	EFFLUENT	SAM	08/12/25 10:19	High	rubina	Dilution
33	Q2813-05	INFLUENT	SAM	08/12/25 10:25	High	rubina	Dilution
34	CCV3	CCV3	CCV	08/12/25 10:25		rubina	OK
35	CCB3	CCB3	CCB	08/12/25 10:25		rubina	OK
36	Q2813-01DL	EFFLUENTDL	SAM	08/12/25 10:50	Report 10X	rubina	Confirms
37	Q2813-05DL	INFLUENTDL	SAM	08/12/25 10:50	Report 10X	rubina	Confirms
38	CCV4	CCV4	CCV	08/12/25 10:50		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136784

Review By	rubina	Review On	8/13/2025 10:22:10 AM
Supervise By	Sohil	Supervise On	8/13/2025 11:12:27 AM
SubDirectory	LB136784	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114262		
ICV Standard	WP114264		
CCV Standard	WP114263		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114257		
Chk Standard	WP114258,WP114133,WP113929,WP114132		

39	CCB4	CCB4	CCB	08/12/25 10:50		rubina	OK
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SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: **HOLLAND MANUFACTURING CO.**
ADDRESS: **15 MAIN ST**
CITY **SUCCASUNNA** STATE: **NJ** ZIP: **07876**
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **HMC PRETREATMENT**
PROJECT NO.: LOCATION:
PROJECT MANAGER: **TODD HOLLAND**
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: 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 O+G PD4 TOTALP NH4
1 2 3 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES						COMMENTS	
			COMP	GRAB	DATE	TIME		E	E	C	C	C	C	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	EFFLUENT	W		✓	8/8	1200		✓	✓	✓	✓	✓	✓		
2.	AERATION	W		✓	8/8	1200			✓				X (NO)		
3.	INFLUENT	W		✓	8/8	1200		✓					✓		
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. E. MARTINEZ	DATE/TIME: 8/8 1427	RECEIVED BY: 1. CF	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C Comments: LAB TO FILTER
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other 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