

Cover Page

Order ID : Q2935

Project ID : Pre Treatment Plant 2025

Client : Holland Manufacturing Co.

Lab Sample Number

Q2935-01
Q2935-02
Q2935-03
Q2935-04
Q2935-05

Client Sample Number

EFFLUENT
EFFLUENTMS
EFFLUENTMSD
AERATION
INFLUENT

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 8/27/2025



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

CASE NARRATIVE

Holland Manufacturing Co.

Project Name: Pre Treatment Plant 2025

Project # N/A

Order ID # Q2935

Test Name: Ammonia,BOD5,Oil and Grease,Phosphorus-Ortho,Phosphorus-Total,TSS

A. Number of Samples and Date of Receipt:

5 Water samples were received on 08/21/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Ammonia,BOD5,Oil and Grease,Phosphorus-Ortho,Phosphorus-Total,TSS. This data package contains results for Ammonia,BOD5,Oil and Grease,Phosphorus-Ortho, Phosphorus-Total,TSS.

C. Analytical Techniques:

The analysis of Oil and Grease was based on method 1664A, The analysis of Phosphorus-Total was based on method 365.3, The analysis of TSS was based on method SM2540 D, The analysis of Ammonia was based on method SM4500-NH₃, The analysis of Phosphorus-Ortho was based on method SM4500-P E and The analysis of BOD5 was based on method SM5210 B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample EFFLUENT was diluted due to high concentrations for Ammonia as N & Sample INFLUENT was diluted due to high concentrations for Ammonia as N.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

The Matrix Spike Duplicate analysis met criteria for all compounds.

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

The Calibration met the requirements.

E. Additional Comments:

As per method, aqueous sample for Ortho-Phosphorus analysis should be filtered within 15 minutes of collection time. However, samples were not filtered as per method requirement therefore Lab has filtered the samples in-house.

Sample Q2935-01 and Q2935-05, Due to bad matrix and client history 1ML was taken as an initial volume for Ammonia test.

The temperature of the samples at the time of receipt was 17.3°C.



I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2935

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 08/27/2025

LAB CHRONICLE

OrderID:	Q2935	OrderDate:	8/21/2025 2:48:00 PM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant 2025
Contact:	Todd Holland	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2935-01	EFFLUENT	WATER			08/21/25 13:00			08/21/25
			Ammonia	SM4500-NH3		08/22/25	08/22/25 12:41	
			BOD5	SM5210 B			08/22/25 10:30	
			Oil and Grease	1664A			08/25/25 09:45	
			Phosphorus-Ortho	SM4500-P E			08/21/25 16:46	
			Phosphorus-Total	365.3		08/25/25	08/25/25 16:36	
			TSS	SM2540 D			08/26/25 13:00	
Q2935-01DL	EFFLUENTDL	WATER			08/21/25 13:00			08/21/25
			Ammonia	SM4500-NH3		08/22/25	08/22/25 13:32	
Q2935-04	AERATION	WATER			08/21/25 13:00			08/21/25
			TSS	SM2540 D			08/26/25 13:00	
Q2935-05	INFLUENT	WATER			08/21/25 13:00			08/21/25
			Ammonia	SM4500-NH3		08/22/25	08/22/25 12:41	
			BOD5	SM5210 B			08/22/25 10:30	

LAB CHRONICLE

Q2935-05DL

INFLUENTDL

WATER

**08/21/25
13:00**

08/21/25

Ammonia

SM4500-NH3

08/22/25

08/22/25
13:40



SAMPLE DATA

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	08/21/25 13:00
Project:	Pre Treatment Plant 2025	Date Received:	08/21/25
Client Sample ID:	EFFLUENT	SDG No.:	Q2935
Lab Sample ID:	Q2935-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	538	OR	1	1.50	5.00	mg/L	08/22/25 10:15	08/22/25 12:41	SM 4500-NH3 B plus G-21
BOD5	5570		1	0.20	2.00	mg/L		08/22/25 10:30	SM 5210 B-16
Oil and Grease	15.1		1	0.29	5.00	mg/L		08/25/25 09:45	1664A
Orthophosphate as P	0.12		1	0.0040	0.050	mg/L		08/21/25 16:46	SM 4500-P E-21
Phosphorus, Total	0.17		1	0.0050	0.050	mg/L	08/25/25 10:00	08/25/25 16:36	365.3
TSS	3100		1	1.00	4.00	mg/L		08/26/25 13:00	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:	08/21/25 13:00
Project:	Pre Treatment Plant 2025	Date Received:	08/21/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q2935
Lab Sample ID:	Q2935-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	505	D	10	15.0	50.0	mg/L	08/22/25 10:15	08/22/25 13:32	SM 4500-NH3 B plus G-21

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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* = 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:	08/21/25 13:00
Project:	Pre Treatment Plant 2025	Date Received:	08/21/25
Client Sample ID:	AERATION	SDG No.:	Q2935
Lab Sample ID:	Q2935-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	3860		1	1.00	4.00	mg/L		08/26/25 13:00	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:	08/21/25 13:00
Project:	Pre Treatment Plant 2025	Date Received:	08/21/25
Client Sample ID:	INFLUENT	SDG No.:	Q2935
Lab Sample ID:	Q2935-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	365	OR	1	1.50	5.00	mg/L	08/22/25 10:15	08/22/25 12:41	SM 4500-NH3 B plus G-21
BOD5	23200		1	0.20	2.00	mg/L		08/22/25 10:30	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:	08/21/25 13:00
Project:	Pre Treatment Plant 2025	Date Received:	08/21/25
Client Sample ID:	INFLUENTDL	SDG No.:	Q2935
Lab Sample ID:	Q2935-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	342	D	5	7.50	25.0	mg/L	08/22/25 10:15	08/22/25 13:40	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.: Q2935

Project: Pre Treatment Plant 2025

RunNo.: LB136914

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Orthophosphate as P	mg/L	0.490	0.50	98	90-110	08/21/2025
Sample ID: CCV1 Orthophosphate as P	mg/L	0.493	0.5	99	90-110	08/21/2025
Sample ID: CCV2 Orthophosphate as P	mg/L	0.505	0.5	101	90-110	08/21/2025

Initial and Continuing Calibration Verification

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

RunNo.: LB136936

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	1	1	100	90-110	08/22/2025
Sample ID: CCV1 Ammonia as N	mg/L	1	1	100	90-110	08/22/2025
Sample ID: CCV2 Ammonia as N	mg/L	1	1	100	90-110	08/22/2025
Sample ID: CCV3 Ammonia as N	mg/L	1	1	100	90-110	08/22/2025
Sample ID: CCV4 Ammonia as N	mg/L	1	1	100	90-110	08/22/2025

Initial and Continuing Calibration Verification

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

RunNo.: LB136944

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Phosphorus, Total	mg/L	0.500	0.50	100	90-110	08/25/2025
Sample ID: CCV1 Phosphorus, Total	mg/L	0.495	0.50	99	90-110	08/25/2025
Sample ID: CCV2 Phosphorus, Total	mg/L	0.497	0.50	99	90-110	08/25/2025

Initial and Continuing Calibration Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

RunNo.: LB136914

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Orthophosphate as P	mg/L	< 0.0250	0.0250	U	0.0038	0.05	08/21/2025
Sample ID: CCB1 Orthophosphate as P	mg/L	< 0.0250	0.0250	U	0.0038	0.05	08/21/2025
Sample ID: CCB2 Orthophosphate as P	mg/L	< 0.0250	0.0250	U	0.0038	0.05	08/21/2025

Initial and Continuing Calibration Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

RunNo.: LB136936

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	08/22/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/22/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/22/2025
Sample ID: CCB3 Ammonia as N	mg/L	0.03	0.0500	J	0.030	0.1	08/22/2025
Sample ID: CCB4 Ammonia as N	mg/L	0.036	0.0500	J	0.030	0.1	08/22/2025

Initial and Continuing Calibration Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

RunNo.: LB136944

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Phosphorus, Total	mg/L	< 0.0250	0.0250	U	0.0045	0.05	08/25/2025
Sample ID: CCB1 Phosphorus, Total	mg/L	< 0.0250	0.0250	U	0.0045	0.05	08/25/2025
Sample ID: CCB2 Phosphorus, Total	mg/L	< 0.0250	0.0250	U	0.0045	0.05	08/25/2025

Preparation Blank Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136914BL Orthophosphate as P	mg/L	< 0.0250	0.0250	U	0.004	0.05	08/21/2025
Sample ID: LB136925BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	08/22/2025
Sample ID: LB136941BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	08/25/2025
Sample ID: LB136966BL TSS	mg/L	1	2.0000	J	1	4	08/26/2025
Sample ID: PB169354BL Ammonia as N	mg/L	0.032	0.0500	J	0.03	0.1	08/22/2025
Sample ID: PB169384BL Phosphorus, Total	mg/L	< 0.0250	0.0250	U	0.005	0.05	08/25/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2935
Project:	Pre Treatment Plant 2025	Sample ID:	Q2935-01
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
Orthophosphate as P	mg/L	90-110	0.61		0.12		0.5	1	98		08/21/2025
Phosphorus, Total	mg/L	90-110	0.64		0.17		0.5	1	94		08/25/2025
Ammonia as N	mg/L	75-125	593	OR	538	OR	50	1	110		08/22/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2935
Project:	Pre Treatment Plant 2025	Sample ID:	Q2935-01
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
Orthophosphate as P	mg/L	90-110	0.61		0.12		0.5	1	99		08/21/2025
Phosphorus, Total	mg/L	90-110	0.64		0.17		0.5	1	94		08/25/2025
Ammonia as N	mg/L	75-125	590	OR	538	OR	50	1	104		08/22/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2935
Project:	Pre Treatment Plant 2025	Sample ID:	Q2935-01
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	35.2		15.1		20.0	1	101		08/25/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2935
Project:	Pre Treatment Plant 2025	Sample ID:	Q2935-01
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	35.5		15.1		20.0	1	102		08/25/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2935
Project:	Pre Treatment Plant 2025	Sample ID:	Q2942-01
Client ID:	MH-8-22-25MS	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	70.5		50.5		20.0	1	100		08/25/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2935
Project:	Pre Treatment Plant 2025	Sample ID:	Q2942-01
Client ID:	MH-8-22-25MSD	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	70.8		50.5		20.0	1	102		08/25/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2935
Project: Pre Treatment Plant 2025	Sample ID: Q2910-02
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
BOD5	mg/L	+/-20	374		362		1	3.35		08/22/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2935
Project: Pre Treatment Plant 2025	Sample ID: Q2935-01
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	0.12		0.12		1	0.86		08/21/2025
Ammonia as N	mg/L	+/-20	538	OR	539	OR	1	0		08/22/2025
Phosphorus, Total	mg/L	+/-20	0.17		0.17		1	1.18		08/25/2025
Ammonia as N	mg/L	+/-20	505	D	514	D	10	2		08/22/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2935
Project: Pre Treatment Plant 2025	Sample ID: Q2935-01
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	0.61		0.61		1	0.49		08/21/2025
Ammonia as N	mg/L	+/-20	593	OR	590	OR	1	1		08/22/2025
Phosphorus, Total	mg/L	+/-20	0.64		0.64		1	0.47		08/25/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2935
Project: Pre Treatment Plant 2025	Sample ID: Q2935-01
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	35.2		35.5		1	0.85		08/25/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2935
Project: Pre Treatment Plant 2025	Sample ID: Q2940-01
Client ID: COMP(1-6)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
TSS	mg/L	+/-5	80.3		80.4		1	0.12		08/26/2025

Duplicate Sample Summary

Client: Holland Manufacturing Co.	SDG No.: Q2935
Project: Pre Treatment Plant 2025	Sample ID: Q2942-01
Client ID: MH-8-22-25MSD	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	70.5		70.8		1	0.42		08/25/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

Run No.: LB136914

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136914BS							
Orthophosphate as P	mg/L	0.5	0.51		102	1	90-110	08/21/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

Run No.: LB136925

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136925BS							
BOD5	mg/L	198	205		104	1	84.6-115.4	08/22/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

Run No.: LB136941

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136941BS							
Oil and Grease	mg/L	20.0	16.8		84	1	78-114	08/25/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

Run No.: LB136966

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136966BS							
TSS	mg/L	550	532		97	1	90-110	08/26/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

Run No.: LB136936

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169354BS							
Ammonia as N	mg/L	1	1.00		100	1	90-110	08/22/2025

Laboratory Control Sample Summary

Client: Holland Manufacturing Co.

SDG No.: Q2935

Project: Pre Treatment Plant 2025

Run No.: LB136944

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169384BS							
Phosphorus, Total	mg/L	0.50	0.50		99	1	90-110	08/25/2025



RAW DATA

Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: rubina

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136914

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP114371
calibration std. phosphate 0.5 ppm	WP114370
calibration std. phosphate 0.3 ppm	WP114369
calibration std. phosphate 0.1 ppm	WP114368
calibration std. phosphate 0.05 ppm	WP114367
calibration std. 0 ppm	WP114366
phosphate CCV std.	WP114372
5N sulfuric acid	WP112831
Combined reagent	WP114376
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate ICV-LCS Std	WP114373
Phosphate RL CHECK	WP114374

Intercept: -0

Slope: 0.6554

Regression: 0.999931

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		08/21/2025	16:40
2	CAL2	0.05	1	50	50	0.037	0.056	12	08/21/2025	16:40
3	CAL3	0.10	1	50	50	0.065	0.099	-1	08/21/2025	16:41
4	CAL4	0.30	1	50	50	0.192	0.293	-2.3	08/21/2025	16:41
5	CAL5	0.50	1	50	50	0.327	0.499	-0.2	08/21/2025	16:42
6	CAL6	1.00	1	50	50	0.657	1.002	0.2	08/21/2025	16:42

Analysis Method: SM4500-P E

ANALYST: rubina

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136914

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	0.490	08/21/2025	16:43
2	ICB		1	50	50	0.002	0.003	08/21/2025	16:43
3	CCV1	0.5	1	50	50	0.323	0.493	08/21/2025	16:44
4	CCB1		1	50	50	0.001	0.002	08/21/2025	16:44
5	RL Check	0.05	1	50	50	0.034	0.052	08/21/2025	16:45
6	LB136914BL		1	50	50	0.001	0.002	08/21/2025	16:45
7	LB136914BS	0.5	1	50	50	0.334	0.510	08/21/2025	16:46
8	Q2935-01		1	50	50	0.076	0.116	08/21/2025	16:46
9	Q2935-01DUP		1	50	50	0.077	0.117	08/21/2025	16:47
10	Q2935-01MS	0.5	1	50	50	0.398	0.607	08/21/2025	16:47
11	Q2935-01MSD	0.5	1	50	50	0.400	0.610	08/21/2025	16:48
12	CCV2	0.5	1	50	50	0.331	0.505	08/21/2025	16:48
13	CCB2		1	50	50	0.002	0.003	08/21/2025	16:49

BOD5 LOG

ANALYST: rubin
Inst Id :DO METER
LB :LB136925

Reviewed By:jignesh
On:8/27/2025 1:51:55
PM

SUPERVISOR: jignesh

QC BATCH ID: LB136925

Analysis Date: 08/22/2025

BOD Water: WP114391

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP114393

NaOH, 1N: WP113878

GGA: WP114392

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	10.0	10	10
WINKLER 2	WINKLER 2	2	300	10.2	20.2	10	10

Meter Calibration1: 8.92

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 10.18

After Incubation

Meter Calibration2: 8.15

Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB136925

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 10:30

TIME OUT: 11:00

DATE IN: 08/22/2025

DATE OUT: 08/27/2025

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
LB136925BL	1	No	6.74	N/A	20.80	300	10.17	10.15	0.02	0.02	0.02	
POLYSEED	1					10	10.07	6.54	3.53	0.71	0.71	
POLYSEED	2					15	10.04	4.51	5.53	0.74		
POLYSEED	3					20	10.01	3.11	6.9	0.69		
GGA	1					6	10.09	5.34	4.75	202	205.33	
GGA	2					6	10.07	5.24	4.83	206		
GGA	3					6	10.07	5.20	4.87	208		
Q2910-02	1	No	6.14	6.98	20.20	5	10.14	8.48	-	0	374	pH Adjusted
Q2910-02	2					10	10.10	8.02	2.08	411		
Q2910-02	3					20	10.04	7.31	2.73	303		
Q2910-02	4					30	10.00	5.21	4.79	408		
Q2910-02DUP	1	No	6.14	6.98	20.20	5	10.15	8.59	-	0	361.67	pH Adjusted
Q2910-02DUP	2					10	10.11	8.09	2.02	393		
Q2910-02DUP	3					20	10.03	7.34	2.69	297		
Q2910-02DUP	4					30	10.00	5.34	4.66	395		
Q2935-01	1	No	8.32	7.22	20.30	1	10.17	8.66	-	0	5566	pH Adjusted
Q2935-01	2					5	10.13	8.04	2.09	8280		
Q2935-01	3					10	10.10	7.83	2.27	4680		
Q2935-01	4					50	10.05	3.11	6.94	3738		
Q2935-01	5					100	9.68	0.53	-	0		
Q2935-05	1	No	4.67	6.84	20.40	1	10.15	8.68	-	0	23175	pH Adjusted
Q2935-05	2					5	10.12	5.08	5.04	25980		
Q2935-05	3					10	10.08	2.58	7.5	20370		
Q2935-05	4					50	10.00	0.98	-	0		
Q2935-05	5					100	9.65	0.46	-	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)

LB136925

WorkList Name : BOD-082225 WorkList ID : 191426 Department : Wet-Chemistry Date : 08-22-2025 08:10:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2910-02	Comp	Water	BOD5	Cool 4 deg C	ARAM01	J32	08/20/2025	SM5210 B
Q2935-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D31	08/21/2025	SM5210 B
Q2935-05	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D31	08/21/2025	SM5210 B

Date/Time 08/22/2025 08:15
Raw Sample Received by: RHCWC
Raw Sample Relinquished by: JHCOOKE

Date/Time 08/22/2025 11:10
Raw Sample Received by: JHCOOKE
Raw Sample Relinquished by: RHCWC

LB136936

Test results

Aquakem 7.2AQ1

Page:

1

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

8/22/2025 14:01

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.026	0.0	0.211	
ICB1	0.024	0.0	0.022	
CCV1	1.036	0.0	0.213	
CCB1	0.021	0.0	0.022	
RL CHECK	0.098	0.0	0.036	
PB169350BL	0.029	0.0	0.023	
PB169350BS	1.022	0.0	0.210	
Q2905-01	3.108	0.0	0.604	Test limit high
Q2905-02	53.107	0.0	10.037	Abs. high, Init abs., Tes
Q2905-03	7.565	0.0	1.445	Test limit high
Q2905-03DUP	7.589	0.0	1.449	Test limit high
Q2905-03MS	8.577	0.0	1.636	Test limit high
Q2905-03MSD	8.519	0.0	1.625	Test limit high
CCV2	1.033	0.0	0.212	
CCB2	0.026	0.0	0.022	
PB169354BL	0.032	0.0	0.024	
PB169354BS	1.040	0.0	0.214	
Q2935-01	10.757	0.0	2.047	Test limit high
Q2935-01DUP	10.784	0.0	2.052	Test limit high
Q2935-01MS	11.860	0.0	2.255	Test limit high
Q2935-01MSD	11.806	0.0	2.245	Test limit high
Q2935-05	7.299	0.0	1.395	Test limit high
CCV3	1.002	0.0	0.207	
CCB3	0.030	0.0	0.023	
Q2905-01DLX2	1.547	0.0	0.309	
Q2905-02DLX50	1.213	0.0	0.246	
Q2905-03DLX5	1.445	0.0	0.290	
Q2905-03DUPDLX5	1.446	0.0	0.290	
Q2935-01DLX10	1.009	0.0	0.208	
Q2935-01DUPDLX10	1.027	0.0	0.211	
Q2935-05DLX5	1.367	0.0	0.276	
CCV4	1.027	0.0	0.211	
CCB4	0.036	0.0	0.024	

90% (50-150)
08/22/2025
RM

N 33
Mean 4.773
SD 9.5589
CV% 200.27

Aquakem v. 7.2AQ1

Results from time period:

Fri Aug 22 10:17:29 2025

Fri Aug 22 13:40:30 2025

Sample Id	Sam/Ctr/c/	Test short name	Test ty	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-N	P	0.017	mg/l	8/22/2025 11:21:39	
0.1PPM	A	Ammonia-N	P	0.1106	mg/l	8/22/2025 11:21:40	
0.2PPM	A	Ammonia-N	P	0.2003	mg/l	8/22/2025 11:21:41	
0.4PPM	A	Ammonia-N	P	0.3914	mg/l	8/22/2025 11:21:42	
1.0PPM	A	Ammonia-N	P	0.9892	mg/l	8/22/2025 11:21:43	
1.3PPM	A	Ammonia-N	P	1.2882	mg/l	8/22/2025 11:21:44	
2.0PPM	A	Ammonia-N	P	2.0367	mg/l	8/22/2025 11:21:45	
ICV1	S	Ammonia-N	P	1.0264	mg/l	8/22/2025 12:09:34	
ICB1	S	Ammonia-N	P	0.0237	mg/l	8/22/2025 12:09:35	
CCV1	S	Ammonia-N	P	1.0355	mg/l	8/22/2025 12:09:37	
CCB1	S	Ammonia-N	P	0.0213	mg/l	8/22/2025 12:09:39	
RL CHECK	S	Ammonia-N	P	0.0981	mg/l	8/22/2025 12:09:43	
PB169350BL	S	Ammonia-N	P	0.0286	mg/l	8/22/2025 12:20:18	
PB169350BS	S	Ammonia-N	P	1.022	mg/l	8/22/2025 12:20:19	
Q2905-01	S	Ammonia-N	P	3.1081	mg/l	8/22/2025 12:20:21	
Q2905-02	S	Ammonia-N	P	53.1072	mg/l	8/22/2025 12:20:22	
Q2905-03	S	Ammonia-N	P	7.5653	mg/l	8/22/2025 12:20:23	
Q2905-03DUP	S	Ammonia-N	P	7.5894	mg/l	8/22/2025 12:20:25	
Q2905-03MS	S	Ammonia-N	P	8.5765	mg/l	8/22/2025 12:20:27	
Q2905-03MSD	S	Ammonia-N	P	8.5191	mg/l	8/22/2025 12:20:28	
CCV2	S	Ammonia-N	P	1.0328	mg/l	8/22/2025 12:31:07	
CCB2	S	Ammonia-N	P	0.0258	mg/l	8/22/2025 12:31:09	
PB169354BL	S	Ammonia-N	P	0.0324	mg/l	8/22/2025 12:41:42	
PB169354BS	S	Ammonia-N	P	1.0404	mg/l	8/22/2025 12:41:44	
Q2935-01	S	Ammonia-N	P	10.7573	mg/l	8/22/2025 12:41:47	
Q2935-01DUP	S	Ammonia-N	P	10.7837	mg/l	8/22/2025 12:41:49	
Q2935-01MS	S	Ammonia-N	P	11.8604	mg/l	8/22/2025 12:41:50	
Q2935-01MSD	S	Ammonia-N	P	11.8062	mg/l	8/22/2025 12:41:51	
Q2935-05	S	Ammonia-N	P	7.2985	mg/l	8/22/2025 12:41:52	
CCV3	S	Ammonia-N	P	1.0025	mg/l	8/22/2025 12:51:22	
CCB3	S	Ammonia-N	P	0.0297	mg/l	8/22/2025 12:51:23	
Q2905-01DLX2	S	Ammonia-N	P	1.5469	mg/l	8/22/2025 13:31:59	
Q2905-02DLX50	S	Ammonia-N	P	1.2128	mg/l	8/22/2025 13:32:01	
Q2905-03DLX5	S	Ammonia-N	P	1.445	mg/l	8/22/2025 13:32:05	
Q2905-03DUPDLX5	S	Ammonia-N	P	1.4459	mg/l	8/22/2025 13:32:08	
Q2935-01DLX10	S	Ammonia-N	P	1.0093	mg/l	8/22/2025 13:32:09	
Q2935-01DUPDLX10	S	Ammonia-N	P	1.0274	mg/l	8/22/2025 13:40:23	
Q2935-05DLX5	S	Ammonia-N	P	1.3672	mg/l	8/22/2025 13:40:25	
CCV4	S	Ammonia-N	P	1.0272	mg/l	8/22/2025 13:40:27	
CCB4	S	Ammonia-N	P	0.0356	mg/l	8/22/2025 13:40:30	

Calibration results

Aquakem 7.2AQ1

Page: 1

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

8/22/2025 11:24

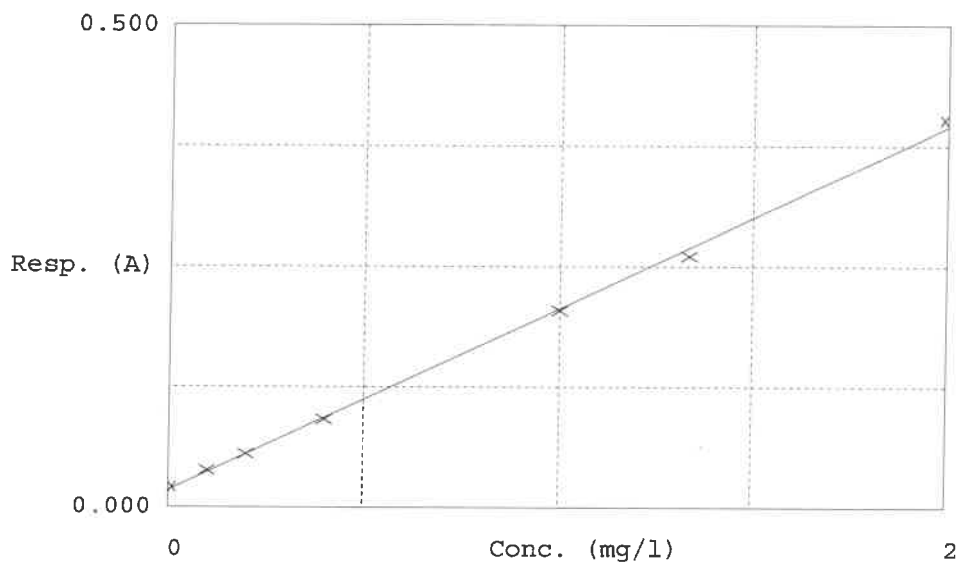
Test Ammonia-N

Accepted 8/22/2025 11:24

Factor 5.3
Bias 0.018

Coeff. of det. 0.998821

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.021	0.0170	0.0000	-
2	NH3-2PPM	0.039	0.1106	0.1000	10.6
3	NH3-2PPM	0.055	0.2003	0.2000	0.1
4	NH3-2PPM	0.091	0.3914	0.4000	-2.2
5	NH3-2PPM	0.204	0.9892	1.0000	-1.1
6	NH3-2PPM	0.261	1.2882	1.3333	-0.9
7	NH3-2PPM	0.402	2.0367	2.0000	1.8

08/22/2025
RM

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Oil and Grease
Run Number: LB136941
Analysis Date: 08/25/2025
BalanceID: WC-SC-6
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: rubina
Extraction Date: 08/25/2025
Extraction IN Time: 08:00
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	LB136941BL	LB136941BL	WATER	1.3	1000	100	3.0258	3.0258	0	3.0259	3.0259	0.0001	0.1
2	LB136941BS	LB136941BS	WATER	1.3	1000	100	3.0145	3.0145	0	3.0313	3.0313	0.0168	16.8
3	Q2929-01	DA3-SW2	WATER	1.3	500	100	3.0626	3.0626	0	3.0630	3.0630	0.0004	0.8
4	Q2929-02	DA5-SW3	WATER	1.3	670	100	3.0587	3.0587	0	3.0599	3.0599	0.0012	1.79
5	Q2929-03	DA5-SW4	WATER	1.3	750	100	3.0359	3.0359	0	3.0364	3.0364	0.0005	0.67
6	Q2929-04	DA6-SW5	WATER	1.3	700	100	3.1137	3.1137	0	3.1183	3.1183	0.0046	6.57
7	Q2930-01	DA1-1	WATER	1.3	700	100	3.0852	3.0852	0	3.0869	3.0869	0.0017	2.43
8	Q2930-02	DA1-2	WATER	1.3	630	100	3.0462	3.0462	0	3.0467	3.0467	0.0005	0.79
9	Q2931-01	DA1-1	WATER	1.3	700	100	3.0751	3.0751	0	3.0754	3.0754	0.0003	0.43
10	Q2935-01	EFFLUENT	WATER	1.6	1000	100	3.0672	3.0672	0	3.0823	3.0823	0.0151	15.1
11	Q2935-02	Q2935-01MS	WATER	1.6	1000	100	2.8741	2.8741	0	2.9093	2.9093	0.0352	35.2
12	Q2935-03	Q2935-01MSD	WATER	1.6	1000	100	3.0115	3.0115	0	3.0470	3.0470	0.0355	35.5
13	Q2942-01	MH-8-22-25	WATER	1.6	1000	100	3.0242	3.0242	0	3.0747	3.0747	0.0505	50.5
14	Q2942-02	Q2942-01MS	WATER	1.6	1000	100	3.0363	3.0363	0	3.1068	3.1068	0.0705	70.5
15	Q2942-03	Q2942-01MSD	WATER	1.6	1000	100	3.1908	3.1908	0	3.2616	3.2616	0.0708	70.8

QC Batch# LB136941

Test: Oil and Grease

Analysis Date: 08/25/2025

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 : 10:26

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 09:45

Bal Check Time: 08:10 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 : 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: 12:35

Out Time2: 12:00

WORKLIST(Hardcopy Internal Chain)

136941

WorkList Name : OIL & GREASE Q2935 WorkList ID : 191440 Department : Wet-Chemistry Date : 08-25-2025 07:41:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2929-01	DA3-SW2	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D21	08/20/2025	1664A
Q2929-02	DA5-SW3	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D21	08/20/2025	1664A
Q2929-03	DA5-SW4	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D21	08/20/2025	1664A
Q2929-04	DA6-SW5	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D21	08/20/2025	1664A
Q2930-01	DA1-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D21	08/20/2025	1664A
Q2930-02	DA1-2	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D21	08/20/2025	1664A
Q2931-01	DA1-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	ATGG01	D21	08/20/2025	1664A
Q2935-01	EFFLUENT	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	D31	08/21/2025	1664A
Q2935-02	Q2935-01MS	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	D31	08/21/2025	1664A
Q2935-03	Q2935-01MSD	Water	Oil and Grease	Conc H2SO4 to pH < 2	HOLL01	D31	08/21/2025	1664A
Q2942-01	MH-8-22-25	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D31	08/22/2025	1664A
Q2942-02	Q2942-01MS	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D31	08/22/2025	1664A
Q2942-03	Q2942-01MSD	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D31	08/22/2025	1664A

Date/Time 08/25/25 07:50
 Raw Sample Received by: 80 WCC
 Raw Sample Relinquished by: JD CSM

Date/Time 08/25/25 14:30
 Raw Sample Received by: JD CSM
 Raw Sample Relinquished by: 80 WCC

Analysis Method: 365.3
Parameter: Phosphorus-Total
Run Number: LB136944

ANALYST: rubina
SUPERVISOR REVIEW BY: jignesh

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP114371
calibration std. phosphate 0.5 ppm	WP114370
calibration std. phosphate 0.3 ppm	WP114369
calibration std. phosphate 0.1 ppm	WP114368
calibration std. phosphate 0.05 ppm	WP114367
calibration std. 0 ppm	WP114366
phosphate CCV std.	WP114372
5N sulfuric acid	WP112831
Combined reagent	WP114404
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate ICV-LCS Std	WP114373

Intercept: -0.0026 Slope: 0.6531 Regression: 0.999822

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		08/25/2025	16:30
2	CAL2	0.05	1	50	50	0.032	0.053	6	08/25/2025	16:30
3	CAL3	0.10	1	50	50	0.065	0.104	4	08/25/2025	16:31
4	CAL4	0.30	1	50	50	0.184	0.286	-4.7	08/25/2025	16:31
5	CAL5	0.50	1	50	50	0.324	0.5	0	08/25/2025	16:32
6	CAL6	1.00	1	50	50	0.653	1.004	0.4	08/25/2025	16:32

Analysis Method: 365.3

ANALYST: rubina

Parameter: Phosphorus-Total

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136944

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	0.324	0.500	08/25/2025	16:33
2	ICB		1	50	50	0.000	0.004	08/25/2025	16:33
3	CCV1	0.50	1	50	50	0.321	0.495	08/25/2025	16:34
4	CCB1		1	50	50	0.000	0.004	08/25/2025	16:34
5	RL Check		1	50	50	0.026	0.044	08/25/2025	16:35
6	PB169384BL		1	50	50	0.000	0.004	08/25/2025	16:35
7	PB169384BS	0.50	1	50	50	0.321	0.495	08/25/2025	16:36
8	Q2935-01		1	50	50	0.109	0.171	08/25/2025	16:36
9	Q2935-01DUP		1	50	50	0.108	0.169	08/25/2025	16:37
10	Q2935-01MS	0.50	1	50	50	0.415	0.639	08/25/2025	16:37
11	Q2935-01MSD	0.50	1	50	50	0.417	0.642	08/25/2025	16:38
12	CCV2	0.50	1	50	50	0.322	0.497	08/25/2025	16:38
13	CCB2		1	50	50	0.000	0.004	08/25/2025	16:39

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: rubina

ANALYST: jignesh

Date: 08/26/2025

Run Number: LB136966

BalanceID: WC-SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 08/26/2025 08:00 TEMP1 OUT: 103 °C 08/26/2025 09:00
 TEMP2 IN: 104 °C 08/26/2025 09:30 TEMP2 OUT: 103 °C 08/26/2025 10:30
 TEMP3 IN: 104 °C 08/26/2025 13:00 TEMP3 OUT: 103 °C 08/26/2025 14:30
 TEMP4 IN: 104 °C 08/26/2025 15:00 TEMP4 OUT: 103 °C 08/26/2025 16:30

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	LB136966BL	LB136966BL	1.4856	1.4856	100	1.4857	1.4857	1.4857	0.0001	1
2	LB136966BS	LB136966BS	1.5963	1.5963	100	1.6495	1.6495	1.6495	0.0532	532
3	Q2935-01	EFFLUENT	1.5012	1.5012	20	1.5631	1.5631	1.5631	0.0619	3095
4	Q2935-04	AERATION	1.4914	1.4914	20	1.5686	1.5686	1.5686	0.0772	3860
5	Q2937-02	RW8-SP303-20250821	1.4998	1.4998	1800	1.5008	1.5008	1.5008	0.0010	0.6
6	Q2940-01	COMP (1-6)	1.4828	1.4828	1000	1.5631	1.5631	1.5631	0.0803	80.3
7	Q2940-01DUP	COMP (1-6) DUP	1.4903	1.4903	1000	1.5707	1.5707	1.5707	0.0804	80.4
8	Q2954-11	BRIDGE	1.4847	1.4847	1000	1.5689	1.5689	1.5689	0.0842	84.2

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)

W136966

WorkList Name : TSS Q2940 WorkList ID : 191497 Department : Wet-Chemistry Date : 08-26-2025 11:19:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2935-01	D EFFLUENT	Water	TSS	Cool 4 deg C	HOLL01	D31	08/21/2025	SM2540 D
Q2935-04	AERATION	Water	TSS	Cool 4 deg C	HOLL01	D31	08/21/2025	SM2540 D
Q2937-02	B,C RW8-SP303-20250821	Water	TSS	Cool 4 deg C	TETR06	J31	08/21/2025	SM2540 D
Q2940-01	K,L COMP(1-6)	Water	TSS	Cool 4 deg C	PSEG03	D21	08/22/2025	SM2540 D
Q2954-11	H BRIDGE	Water	TSS	Cool 4 deg C	PSEG03	D41	08/25/2025	SM2540 D

Date/Time 08/26/25 11:30
 Raw Sample Received by: JD Wey
 Raw Sample Relinquished by: JD CSM

Date/Time 08/26/25 17:00
 Raw Sample Received by: JD CSM
 Raw Sample Relinquished by: JD CSM

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

SDG No : N/A

Start Digest Date: 08/22/2025 Time : 10:15 Temp : 150 °C

Matrix : WATER

End Digest Date: 08/22/2025 Time : 11:15 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: JR

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 PB169350
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 Q2935-01-05.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/22/2025	RM WC	RM (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169354BL	PBW354	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB169354BS	LCS354	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2935-01DUP	EFFLUENTDUP	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2935-01MS	EFFLUENTMS	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2935-01MSD	EFFLUENTMSD	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2935-01	EFFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2935-05	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-8-22

WorkList ID : 191412

Department : Distillation

Date : 08-22-2025 08:07:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2935-01	EFFLUENT	Water	Ammonia	Conc H2SO4 to pH < 2	HOLL01	D31	08/21/2025	SM4500-NH3
Q2935-05	INFLUENT	Water	Ammonia	Conc H2SO4 to pH < 2	HOLL01	D31	08/21/2025	SM4500-NH3

Date/Time 08/22/2025 08:15
 Raw Sample Received by: RM CWO
 Raw Sample Relinquished by: JH CWC

Date/Time 08/22/2025 11:00
 Raw Sample Received by: JH CWC
 Raw Sample Relinquished by: RM CWO

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

SDG No : N/A

Start Digest Date: 08/25/2025 Time : 10:00 Temp : 95 °C

Matrix : WATER

End Digest Date: 08/25/2025 Time : 11:00 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: RM

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	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
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
CAL1	CAL1	50.0ML	WP114366
CAL2	CAL2	50.0ML	WP114367
CAL3	CAL3	50.0ML	WP114368
CAL4	CAL4	50.0ML	WP114369
CAL5	CAL5	50.0ML	WP114370
CAL6	CAL6	50.0ML	WP114371
ICV	ICV	50.0ML	WP114373
ICB	ICB	50.0ML	W3112
CCV	CCV	50.0ML	WP114372
CCB	CCB	50.0ML	W3112

Extraction Conformance/Non-Conformance Comments:

N/A

08/25/2025 RM

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

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169384BL	PBW384	50	50	<2	N/A	N/A	N/A	N/A	N/A
PB169384BS	LCS384	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2935-01DUP	EFFLUENTDUP	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2935-01MS	EFFLUENTMS	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2935-01MSD	EFFLUENTMSD	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q2935-01	EFFLUENT	50	50	<2	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOTAL PHOS-2935 WorkList ID : 191464 Department : Distillation Date : 08-25-2025 08:05:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2935-01	EFFLUENT	Water	Phosphorus-Total	Conc H2SO4 to pH < 2	HOLL01	D31	08/21/2025	365.3

Date/Time 08/25/2025 09.00
Raw Sample Received by: RM (w)
Raw Sample Relinquished by: JH (w)

Date/Time 08/25/2025 10.40
Raw Sample Received by: JH (w)
Raw Sample Relinquished by: RM (w)

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136914

Review By	rubina	Review On	8/22/2025 12:12:31 PM
Supervise By	jignesh	Supervise On	8/22/2025 12:33:23 PM
SubDirectory	LB136914	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	WP114371,WP114370,WP114369,WP114368,WP114367,WP114366,WP114372,WP112831,WP114376,WP113378,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/21/25 16:40		rubina	OK
2	CAL2	CAL2	CAL	08/21/25 16:40		rubina	OK
3	CAL3	CAL3	CAL	08/21/25 16:41		rubina	OK
4	CAL4	CAL4	CAL	08/21/25 16:41		rubina	OK
5	CAL5	CAL5	CAL	08/21/25 16:42		rubina	OK
6	CAL6	CAL6	CAL	08/21/25 16:42		rubina	OK
7	ICV	ICV	ICV	08/21/25 16:43		rubina	OK
8	ICB	ICB	ICB	08/21/25 16:43		rubina	OK
9	CCV1	CCV1	CCV	08/21/25 16:44		rubina	OK
10	CCB1	CCB1	CCB	08/21/25 16:44		rubina	OK
11	RL Check	RL Check	RL	08/21/25 16:45		rubina	OK
12	LB136914BL	LB136914BL	MB	08/21/25 16:45		rubina	OK
13	LB136914BS	LB136914BS	LCS	08/21/25 16:46		rubina	OK
14	Q2935-01	EFFLUENT	SAM	08/21/25 16:46		rubina	OK
15	Q2935-01DUP	EFFLUENTDUP	DUP	08/21/25 16:47		rubina	OK
16	Q2935-01MS	EFFLUENTMS	MS	08/21/25 16:47		rubina	OK
17	Q2935-01MSD	EFFLUENTMSD	MSD	08/21/25 16:48		rubina	OK
18	CCV2	CCV2	CCV	08/21/25 16:48		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136914

Review By	rubina	Review On	8/22/2025 12:12:31 PM
Supervise By	jignesh	Supervise On	8/22/2025 12:33:23 PM
SubDirectory	LB136914	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	WP114371,WP114370,WP114369,WP114368,WP114367,WP114366,WP114372,WP112831,WP114376,WP113378,V		

19	CCB2	CCB2	CCB	08/21/25 16:49		rubina	OK
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Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB136925

Review By	rubina	Review On	8/27/2025 1:41:36 PM
Supervise By	jignesh	Supervise On	8/27/2025 1:51:55 PM
SubDirectory	LB136925	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	WP114391,W3149,WP112832,W3103,W3109,W3105,WP114393,WP114392,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136925BL	LB136925BL	MB	08/22/25 10:30		rubina	OK
2	LB136925BS	LB136925BS	LCS	08/22/25 10:30		rubina	OK
3	Q2910-02	Comp	SAM	08/22/25 10:30		rubina	OK
4	Q2910-02DUP	CompDUP	DUP	08/22/25 10:30		rubina	OK
5	Q2935-01	EFFLUENT	SAM	08/22/25 10:30	Due to bad matrix difference between highest and lowest results is >30% for	rubina	OK
6	Q2935-05	INFLUENT	SAM	08/22/25 10:30		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136936

Review By	rubina	Review On	8/22/2025 4:43:45 PM
Supervise By		Supervise On	
SubDirectory	LB136936	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114388		
ICV Standard	WP114390		
CCV Standard	WP114389		
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	08/22/25 11:21		rubina	OK
2	0.1PPM	0.1PPM	CAL2	08/22/25 11:21		rubina	OK
3	0.2PPM	0.2PPM	CAL3	08/22/25 11:21		rubina	OK
4	0.4PPM	0.4PPM	CAL4	08/22/25 11:21		rubina	OK
5	1.0PPM	1.0PPM	CAL5	08/22/25 11:21		rubina	OK
6	1.3PPM	1.3PPM	CAL6	08/22/25 11:21		rubina	OK
7	2.0PPM	2.0PPM	CAL7	08/22/25 11:21		rubina	OK
8	ICV1	ICV1	ICV	08/22/25 12:09		rubina	OK
9	ICB1	ICB1	ICB	08/22/25 12:09		rubina	OK
10	CCV1	CCV1	CCV	08/22/25 12:09		rubina	OK
11	CCB1	CCB1	CCB	08/22/25 12:09		rubina	OK
12	RL	RL	LOQ	08/22/25 12:09		rubina	OK
13	PB169350BL	PB169350BL	MB	08/22/25 12:20		rubina	OK
14	PB169350BS	PB169350BS	LCS	08/22/25 12:20		rubina	OK
15	Q2905-01	MRS/NRS	SAM	08/22/25 12:20	NH3-N is high	rubina	Dilution
16	Q2905-02	Delumper Feed	SAM	08/22/25 12:20	NH3-N is high	rubina	Dilution
17	Q2905-03	MIX	SAM	08/22/25 12:20	NH3-N is high	rubina	Dilution
18	Q2905-03DUP	MIXDUP	DUP	08/22/25 12:20	NH3-N is high	rubina	Dilution

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136936

Review By	rubina	Review On	8/22/2025 4:43:45 PM
Supervise By		Supervise On	
SubDirectory	LB136936	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114388		
ICV Standard	WP114390		
CCV Standard	WP114389		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114257		
Chk Standard	WP114258,WP114133,WP113929,WP114132		

19	Q2905-03MS	MIXMS	MS	08/22/25 12:20		rubina	OK
20	Q2905-03MSD	MIXMSD	MSD	08/22/25 12:20		rubina	OK
21	CCV2	CCV2	CCV	08/22/25 12:31		rubina	OK
22	CCB2	CCB2	CCB	08/22/25 12:31		rubina	OK
23	PB169354BL	PB169354BL	MB	08/22/25 12:41		rubina	OK
24	PB169354BS	PB169354BS	LCS	08/22/25 12:41		rubina	OK
25	Q2935-01	EFFLUENT	SAM	08/22/25 12:41	NH3-N is high	rubina	Dilution
26	Q2935-01DUP	EFFLUENTDUP	DUP	08/22/25 12:41	NH3-N is high	rubina	Dilution
27	Q2935-01MS	EFFLUENTMS	MS	08/22/25 12:41		rubina	OK
28	Q2935-01MSD	EFFLUENTMSD	MSD	08/22/25 12:41		rubina	OK
29	Q2935-05	INFLUENT	SAM	08/22/25 12:41	NH3-N is high	rubina	Dilution
30	CCV3	CCV3	CCV	08/22/25 12:51		rubina	OK
31	CCB3	CCB3	CCB	08/22/25 12:51		rubina	OK
32	Q2905-01DL	MRS/NRSDL	SAM	08/22/25 13:31	2X For NH3-N	rubina	Confirms
33	Q2905-02DL	Delumper FeedDL	SAM	08/22/25 13:32	50X for NH3-N	rubina	Confirms
34	Q2905-03DL	MIXDL	SAM	08/22/25 13:32	5X for NH3-N	rubina	Confirms
35	Q2905-03DUPDL	MIXDUPDL	DUP	08/22/25 13:32	5X for NH3-N	rubina	Confirms
36	Q2935-01DL	EFFLUENTDL	SAM	08/22/25 13:32	10X For NH3-N	rubina	Confirms
37	Q2935-01DUPDL	EFFLUENTDUPDL	DUP	08/22/25 13:40	10X For NH3-N	rubina	Confirms
38	Q2935-05DL	INFLUENTDL	SAM	08/22/25 13:40	5X For NH3-N	rubina	Confirms

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136936

Review By	rubina	Review On	8/22/2025 4:43:45 PM
Supervise By		Supervise On	
SubDirectory	LB136936	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP114388		
ICV Standard	WP114390		
CCV Standard	WP114389		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114257		
Chk Standard	WP114258,WP114133,WP113929,WP114132		

39	CCV4	CCV4	CCV	08/22/25 13:40		rubina	OK
40	CCB4	CCB4	CCB	08/22/25 13:40		rubina	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136941

Review By	jignesh	Review On	8/25/2025 12:54:00 PM
Supervise By	rubina	Supervise On	8/25/2025 1:51:56 PM
SubDirectory	LB136941	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	LB136941BL	LB136941BL	MB	08/25/25 09:45		jignesh	OK
2	LB136941BS	LB136941BS	LCS	08/25/25 09:45		jignesh	OK
3	Q2929-01	DA3-SW2	SAM	08/25/25 09:45		jignesh	OK
4	Q2929-02	DA5-SW3	SAM	08/25/25 09:45		jignesh	OK
5	Q2929-03	DA5-SW4	SAM	08/25/25 09:45		jignesh	OK
6	Q2929-04	DA6-SW5	SAM	08/25/25 09:45		jignesh	OK
7	Q2930-01	DA1-1	SAM	08/25/25 09:45		jignesh	OK
8	Q2930-02	DA1-2	SAM	08/25/25 09:45		jignesh	OK
9	Q2931-01	DA1-1	SAM	08/25/25 09:45		jignesh	OK
10	Q2935-01	EFFLUENT	SAM	08/25/25 09:45		jignesh	OK
11	Q2935-02	Q2935-01MS	MS	08/25/25 09:45		jignesh	OK
12	Q2935-03	Q2935-01MSD	MSD	08/25/25 09:45		jignesh	OK
13	Q2942-01	MH-8-22-25	SAM	08/25/25 09:45		jignesh	OK
14	Q2942-02	Q2942-01MS	MS	08/25/25 09:45		jignesh	OK
15	Q2942-03	Q2942-01MSD	MSD	08/25/25 09:45		jignesh	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136944

Review By	rubina	Review On	8/27/2025 10:15:38 AM
Supervise By	jignesh	Supervise On	8/27/2025 10:34:54 AM
SubDirectory	LB136944	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	WP114371,WP114370,WP114369,WP114368,WP114367,WP114366,WP114372,WP112831,WP114404,WP113378,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/25/25 16:30		rubina	OK
2	CAL2	CAL2	CAL	08/25/25 16:30		rubina	OK
3	CAL3	CAL3	CAL	08/25/25 16:31		rubina	OK
4	CAL4	CAL4	CAL	08/25/25 16:31		rubina	OK
5	CAL5	CAL5	CAL	08/25/25 16:32		rubina	OK
6	CAL6	CAL6	CAL	08/25/25 16:32		rubina	OK
7	ICV	ICV	ICV	08/25/25 16:33		rubina	OK
8	ICB	ICB	ICB	08/25/25 16:33		rubina	OK
9	CCV1	CCV1	CCV	08/25/25 16:34		rubina	OK
10	CCB1	CCB1	CCB	08/25/25 16:34		rubina	OK
11	RL Check	RL Check	RL	08/25/25 16:35		rubina	OK
12	PB169384BL	PB169384BL	MB	08/25/25 16:35		rubina	OK
13	PB169384BS	PB169384BS	LCS	08/25/25 16:36		rubina	OK
14	Q2935-01	EFFLUENT	SAM	08/25/25 16:36		rubina	OK
15	Q2935-01DUP	EFFLUENTDUP	DUP	08/25/25 16:37		rubina	OK
16	Q2935-01MS	EFFLUENTMS	MS	08/25/25 16:37		rubina	OK
17	Q2935-01MSD	EFFLUENTMSD	MSD	08/25/25 16:38		rubina	OK
18	CCV2	CCV2	CCV	08/25/25 16:38		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136944

Review By	rubina	Review On	8/27/2025 10:15:38 AM
Supervise By	jignesh	Supervise On	8/27/2025 10:34:54 AM
SubDirectory	LB136944	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	WP114371,WP114370,WP114369,WP114368,WP114367,WP114366,WP114372,WP112831,WP114404,WP113378,V		

19	CCB2	CCB2	CCB	08/25/25 16:39		rubina	OK
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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136966

Review By	jignesh	Review On	8/26/2025 3:13:56 PM
Supervise By	rubina	Supervise On	8/26/2025 3:37:42 PM
SubDirectory	LB136966	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	LB136966BL	LB136966BL	MB	08/26/25 13:00		jignesh	OK
2	LB136966BS	LB136966BS	LCS	08/26/25 13:00		jignesh	OK
3	Q2935-01	EFFLUENT	SAM	08/26/25 13:00		jignesh	OK
4	Q2935-04	AERATION	SAM	08/26/25 13:00		jignesh	OK
5	Q2937-02	RW8-SP303-2025082	SAM	08/26/25 13:00		jignesh	OK
6	Q2940-01	COMP(1-6)	SAM	08/26/25 13:00		jignesh	OK
7	Q2940-01DUP	COMP(1-6)DUP	DUP	08/26/25 13:00		jignesh	OK
8	Q2954-11	BRIDGE	SAM	08/26/25 13:00		jignesh	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: HOLLAND MFG Co

ADDRESS: 15 Main St

CITY Succasunna STATE: NJ ZIP: 07846

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: 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 _____

1. ROD5 2. TSS 3. DO4 4. PO4 5. TORP 6. NH4 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				
1.	<u>EFFLUENT</u>	<u>W</u>		☒	<u>8/21</u>	<u>1300</u>	<u>6</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>				
2.	<u>AERATION</u>	<u>W</u>		☒	<u>8/21</u>	<u>1300</u>	<u>1</u>		<u>X</u>								
3.	<u>INFLUENT</u>	<u>W</u>		☒	<u>8/21</u>	<u>1300</u>	<u>3</u>	<u>X</u>					<u>X</u>				
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: <u>[Signature]</u>	DATE/TIME: <u>8/21/25</u>	RECEIVED BY: <u>[Signature]</u>	1449 <u>8-21-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>17.3</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.		Comments: <u>LAB TO FILTER</u>
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	TX-C25-00189
Virginia	460312