



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	06/12/25 11:00
Project:	Pre Treatment Plant 2025	Date Received:	06/12/25
Client Sample ID:	EFFLUENT	SDG No.:	Q2309
Lab Sample ID:	Q2309-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	424	OR	1	1.50	5.00	mg/L	06/13/25 10:10	06/13/25 15:03	SM 4500-NH3 B plus G-11
BOD5	4590		1	0.20	2.00	mg/L		06/12/25 16:30	SM 5210 B-16
Oil and Grease	22.1		1	0.29	5.00	mg/L		06/13/25 09:30	1664A
Orthophosphate as P	0.10		1	0.0040	0.050	mg/L		06/13/25 12:37	SM 4500-P E-11
Phosphorus, Total	0.14		1	0.0050	0.050	mg/L	06/13/25 09:45	06/13/25 13:29	365.3
TSS	2490		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

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:	06/12/25 11:00
Project:	Pre Treatment Plant 2025	Date Received:	06/12/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q2309
Lab Sample ID:	Q2309-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	419	D	10	15.0	50.0	mg/L	06/13/25 10:10	06/13/25 15:47	SM 4500-NH3 B plus G-11

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N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	06/12/25 11:00
Project:	Pre Treatment Plant 2025	Date Received:	06/12/25
Client Sample ID:	AERATION	SDG No.:	Q2309
Lab Sample ID:	Q2309-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	6360		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	06/12/25 11:00
Project:	Pre Treatment Plant 2025	Date Received:	06/12/25
Client Sample ID:	INFLUENT	SDG No.:	Q2309
Lab Sample ID:	Q2309-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	309	OR	1	1.50	5.00	mg/L	06/13/25 10:10	06/13/25 15:03	SM 4500-NH3 B plus G-11
BOD5	14800		1	0.20	2.00	mg/L		06/12/25 16:30	SM 5210 B-16

Comments: _____

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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:	06/12/25 11:00
Project:	Pre Treatment Plant 2025	Date Received:	06/12/25
Client Sample ID:	INFLUENTDL	SDG No.:	Q2309
Lab Sample ID:	Q2309-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	320	D	5	7.50	25.0	mg/L	06/13/25 10:10	06/13/25 15:47	SM 4500-NH3 B plus G-11

Comments:

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LOD = Limit of Detection

D = Dilution

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

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

OR = Over Range

N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q2309	OrderDate:	6/12/2025 2:34:00 PM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant 2025
Contact:	Todd Holland	Location:	D51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2309-01	EFFLUENT	WATER			06/12/25 11:00			06/12/25
			Ammonia	SM4500-NH3		06/13/25	06/13/25 15:03	
			BOD5	SM5210 B			06/12/25 16:30	
			Oil and Grease	1664A			06/13/25 09:30	
			Phosphorus-Ortho	SM4500-P E			06/13/25 12:37	
			Phosphorus-Total	365.3		06/13/25	06/13/25 13:29	
			TSS	SM2540 D			06/13/25 10:00	
Q2309-01DL	EFFLUENTDL	WATER			06/12/25 11:00			06/12/25
			Ammonia	SM4500-NH3		06/13/25	06/13/25 15:47	
Q2309-04	AERATION	WATER			06/12/25 11:00			06/12/25
			TSS	SM2540 D			06/13/25 10:00	
Q2309-05	INFLUENT	WATER			06/12/25 11:00			06/12/25
			Ammonia	SM4500-NH3		06/13/25	06/13/25 15:03	
			BOD5	SM5210 B			06/12/25 16:30	



Q2309-05DL

INFLUENTDL

WATER

Ammonia

SM4500-NH3

06/12/25
11:00

06/13/25

06/12/25

06/13/25
15:47