



A

B

C

SAMPLE DATA

Report of Analysis

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

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

Comments:

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

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

Report of Analysis

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

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

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

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

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

Comments: _____

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

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

Report of Analysis

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

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	400	D	10	15.0	50.0	mg/L	07/30/25 13:30	07/31/25 11:14	SM 4500-NH3 B plus G-21

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

LAB CHRONICLE

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

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



Q2698-05DL

WATER

Ammonia

SM4500-NH3

07/25/25
10:00

07/30/25

07/31/25
11:14

07/25/25