



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	05/15/25 11:30
Project:	Pre Treatment Plant 2025	Date Received:	05/15/25
Client Sample ID:	EFFLUENT	SDG No.:	Q2058
Lab Sample ID:	Q2058-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	364	OR	1	1.50	5.00	mg/L	05/19/25 09:00	05/19/25 12:39	SM 4500-NH3 B plus G-11
BOD5	4930		1	0.20	2.00	mg/L		05/16/25 16:40	SM 5210 B-16
Oil and Grease	91.1		1	0.29	5.00	mg/L		05/20/25 10:00	1664A
Orthophosphate as P	0.21		1	0.0040	0.050	mg/L		05/16/25 14:06	SM 4500-P E-11
Phosphorus, Total	0.54		1	0.0050	0.050	mg/L	05/16/25 11:05	05/16/25 14:56	365.3
TSS	1980		1	1.00	4.00	mg/L		05/16/25 11:25	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:	05/15/25 11:30
Project:	Pre Treatment Plant 2025	Date Received:	05/15/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q2058
Lab Sample ID:	Q2058-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	361	D	10	15.0	50.0	mg/L	05/19/25 09:00	05/19/25 13:38	SM 4500-NH3 B plus G-11

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:	05/15/25 11:30
Project:	Pre Treatment Plant 2025	Date Received:	05/15/25
Client Sample ID:	AERATION-TK1	SDG No.:	Q2058
Lab Sample ID:	Q2058-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1610		1	1.00	4.00	mg/L		05/16/25 11:25	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:	05/15/25 11:30
Project:	Pre Treatment Plant 2025	Date Received:	05/15/25
Client Sample ID:	INFLUENT	SDG No.:	Q2058
Lab Sample ID:	Q2058-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	209	OR	1	1.50	5.00	mg/L	05/19/25 09:00	05/19/25 12:39	SM 4500-NH3 B plus G-11
BOD5	8570		1	0.20	2.00	mg/L		05/16/25 16:40	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:	05/15/25 11:30
Project:	Pre Treatment Plant 2025	Date Received:	05/15/25
Client Sample ID:	INFLUENTDL	SDG No.:	Q2058
Lab Sample ID:	Q2058-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	203	D	5	7.50	25.0	mg/L	05/19/25 09:00	05/19/25 13:38	SM 4500-NH3 B plus G-11

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:	Q2058	OrderDate:	5/15/2025 3:20:00 PM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant 2025
Contact:	Todd Holland	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2058-01	EFFLUENT	WATER			05/15/25 11:30			05/15/25
			Ammonia	SM4500-NH3		05/19/25	05/19/25 12:39	
			BOD5	SM5210 B			05/16/25 16:40	
			Oil and Grease	1664A			05/20/25 10:00	
			Phosphorus-Ortho	SM4500-P E			05/16/25 14:06	
			Phosphorus-Total	365.3		05/16/25	05/16/25 14:56	
			TSS	SM2540 D			05/16/25 11:25	
Q2058-01DL	EFFLUENTDL	WATER			05/15/25 11:30			05/15/25
			Ammonia	SM4500-NH3		05/19/25	05/19/25 13:38	
Q2058-04	AERATION-TK1	WATER			05/15/25 11:30			05/15/25
			TSS	SM2540 D			05/16/25 11:25	
Q2058-05	INFLUENT	WATER			05/15/25 11:30			05/15/25
			Ammonia	SM4500-NH3		05/19/25	05/19/25 12:39	
			BOD5	SM5210 B			05/16/25 16:40	

LAB CHRONICLE

Q2058-05DL	INFLUENTDL	WATER	05/15/25 11:30				05/15/25
		Ammonia	SM4500-NH3	05/19/25	05/19/25 13:38		