



SAMPLE DATA

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/12/25 11:00
Project:	Pre Treatment Plant	Date Received:	02/12/25
Client Sample ID:	EFFLUENT	SDG No.:	Q1359
Lab Sample ID:	Q1359-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	651	OR	1	2.30	5.00	mg/L	02/14/25 10:30	02/14/25 13:42	SM 4500-NH3 B plus G-11
BOD5	107000		1	0.17	2.00	mg/L		02/13/25 16:20	SM 5210 B-16
Oil and Grease	9.80		1	0.40	5.00	mg/L		02/13/25 11:00	1664A
Orthophosphate as P	0.085		1	0.0040	0.050	mg/L		02/12/25 16:51	SM 4500-P E-11
Phosphorus, Total	0.15		1	0.0050	0.050	mg/L	02/12/25 13:30	02/12/25 15:21	365.3
TSS	395		1	1.00	4.00	mg/L		02/13/25 09:30	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:	02/12/25 11:00
Project:	Pre Treatment Plant	Date Received:	02/12/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q1359
Lab Sample ID:	Q1359-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	580	D	10	22.5	50.0	mg/L	02/14/25 10:30	02/14/25 14:23	SM 4500-NH3 B plus G-11

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Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/12/25 11:00
Project:	Pre Treatment Plant	Date Received:	02/12/25
Client Sample ID:	AERATION 1	SDG No.:	Q1359
Lab Sample ID:	Q1359-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1070		1	1.00	4.00	mg/L		02/13/25 09:30	SM 2540 D-15

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Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/12/25 11:00
Project:	Pre Treatment Plant	Date Received:	02/12/25
Client Sample ID:	INFLUENT	SDG No.:	Q1359
Lab Sample ID:	Q1359-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	848	OR	1	2.30	5.00	mg/L	02/14/25 10:30	02/14/25 13:53	SM 4500-NH3 B plus G-11
BOD5	16800		1	0.17	2.00	mg/L		02/13/25 16:20	SM 5210 B-16

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Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/12/25 11:00
Project:	Pre Treatment Plant	Date Received:	02/12/25
Client Sample ID:	INFLUENTDL	SDG No.:	Q1359
Lab Sample ID:	Q1359-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	843	D	10	22.5	50.0	mg/L	02/14/25 10:30	02/14/25 14:23	SM 4500-NH3 B plus G-11

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LAB CHRONICLE

OrderID:	Q1359	OrderDate:	2/12/2025 12:50:00 PM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant
Contact:	Todd Holland	Location:	N41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1359-01	EFFLUENT	WATER			02/12/25 11:00			02/12/25
			Ammonia	SM4500-NH3		02/14/25	02/14/25 13:42	
			BOD5	SM5210 B			02/13/25 16:20	
			Oil and Grease	1664A			02/13/25 11:00	
			Phosphorus-Ortho	SM4500-P E			02/12/25 16:51	
			Phosphorus-Total	365.3		02/12/25	02/12/25 15:21	
			TSS	SM2540 D			02/13/25 09:30	
Q1359-01DL	EFFLUENTDL	WATER			02/12/25 11:00			02/12/25
			Ammonia	SM4500-NH3		02/14/25	02/14/25 14:23	
Q1359-04	AERATION 1	WATER			02/12/25 11:00			02/12/25
			TSS	SM2540 D			02/13/25 09:30	
Q1359-05	INFLUENT	WATER			02/12/25 11:00			02/12/25
			Ammonia	SM4500-NH3		02/14/25	02/14/25 13:53	
			BOD5	SM5210 B			02/13/25 16:20	

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