



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

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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

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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: _____

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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

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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	

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