



SAMPLE DATA

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	11/20/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/20/24
Client Sample ID:	EFFLUENT	SDG No.:	P4937
Lab Sample ID:	P4937-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	694	OR	1	2.30	5.00	mg/L	11/22/24 09:10	11/22/24 13:14	SM 4500-NH3 B plus G-11
BOD5	557		1	0.17	2.00	mg/L		11/21/24 17:20	SM 5210 B-16
Oil and Grease	52.6		1	0.40	5.00	mg/L		11/21/24 09:37	1664A
Orthophosphate as P	0.057		1	0.0040	0.050	mg/L		11/21/24 16:06	SM 4500-P E-11
Phosphorus, Total	0.069		1	0.0050	0.050	mg/L	11/21/24 13:00	11/21/24 15:07	365.3
TSS	6340		1	1.00	4.00	mg/L		11/25/24 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:	11/20/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/20/24
Client Sample ID:	EFFLUENTDL	SDG No.:	P4937
Lab Sample ID:	P4937-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	699	D	10	22.5	50.0	mg/L	11/22/24 09:10	11/22/24 13:44	SM 4500-NH3 B plus G-11

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Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	11/20/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/20/24
Client Sample ID:	AERATION TK 1	SDG No.:	P4937
Lab Sample ID:	P4937-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	5350		1	1.00	4.00	mg/L		11/25/24 10:00	SM 2540 D-15

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Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	11/20/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/20/24
Client Sample ID:	INFLUENT	SDG No.:	P4937
Lab Sample ID:	P4937-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	203	OR	1	2.30	5.00	mg/L	11/22/24 09:10	11/22/24 13:14	SM 4500-NH3 B plus G-11
BOD5	30200		1	0.17	2.00	mg/L		11/21/24 17:20	SM 5210 B-16

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	11/20/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/20/24
Client Sample ID:	INFLUENTDL	SDG No.:	P4937
Lab Sample ID:	P4937-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	204	D	5	11.3	25.0	mg/L	11/22/24 09:10	11/22/24 13:44	SM 4500-NH3 B plus G-11

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LAB CHRONICLE

OrderID:	P4937	OrderDate:	11/20/2024 1:55:00 PM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant
Contact:	Todd Holland	Location:	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4937-01	EFFLUENT	WATER			11/20/24 10:30			11/20/24
			Ammonia	SM4500-NH3		11/22/24	11/22/24 13:14	
			BOD5	SM5210 B			11/21/24 17:20	
			Oil and Grease	1664A			11/21/24 09:37	
			Phosphorus-Ortho	SM4500-P E			11/21/24 16:06	
			Phosphorus-Total	365.3		11/21/24	11/21/24 15:07	
			TSS	SM2540 D			11/25/24 10:00	
P4937-01DL	EFFLUENTDL	WATER			11/20/24 10:30			11/20/24
			Ammonia	SM4500-NH3		11/22/24	11/22/24 13:44	
P4937-04	AERATION TK 1	WATER			11/20/24 10:30			11/20/24
			TSS	SM2540 D			11/25/24 10:00	
P4937-05	INFLUENT	WATER			11/20/24 10:30			11/20/24
			Ammonia	SM4500-NH3		11/22/24	11/22/24 13:14	
			BOD5	SM5210 B			11/21/24 17:20	

LAB CHRONICLE

P4937-05DL	INFLUENTDL	WATER			11/20/24 10:30		11/20/24
			Ammonia	SM4500-NH3		11/22/24	11/22/24 13:44