



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	12/18/24 12:30
Project:	Pre Treatment Plant	Date Received:	12/18/24
Client Sample ID:	EFFLUENT	SDG No.:	P5340
Lab Sample ID:	P5340-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	388	OR	1	2.30	5.00	mg/L	12/26/24 09:50	12/26/24 12:08	SM 4500-NH3 B plus G-11
BOD5	19000		1	0.17	2.00	mg/L		12/18/24 16:30	SM 5210 B-16
Oil and Grease	17.1		1	0.40	5.00	mg/L		12/20/24 09:00	1664A
Orthophosphate as P	0.040	J	1	0.0040	0.050	mg/L		12/19/24 16:06	SM 4500-P E-11
Phosphorus, Total	0.053		1	0.0050	0.050	mg/L	12/19/24 12:00	12/19/24 14:06	365.3
TSS	1040		1	1.00	4.00	mg/L		12/19/24 09:15	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:	12/18/24 12:30
Project:	Pre Treatment Plant	Date Received:	12/18/24
Client Sample ID:	EFFLUENTDL	SDG No.:	P5340
Lab Sample ID:	P5340-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	381	D	10	22.5	50.0	mg/L	12/26/24 09:50	12/26/24 12:38	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:	12/18/24 12:30
Project:	Pre Treatment Plant	Date Received:	12/18/24
Client Sample ID:	AERATION TK 1	SDG No.:	P5340
Lab Sample ID:	P5340-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	920		1	1.00	4.00	mg/L		12/19/24 09:15	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:	12/18/24 12:30
Project:	Pre Treatment Plant	Date Received:	12/18/24
Client Sample ID:	INFLUENT	SDG No.:	P5340
Lab Sample ID:	P5340-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	179	OR	1	2.30	5.00	mg/L	12/26/24 09:50	12/26/24 12:08	SM 4500-NH3 B plus G-11
BOD5	16300		1	0.17	2.00	mg/L		12/18/24 16:30	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:	12/18/24 12:30
Project:	Pre Treatment Plant	Date Received:	12/18/24
Client Sample ID:	INFLUENTDL	SDG No.:	P5340
Lab Sample ID:	P5340-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	173	D	2	4.50	10.0	mg/L	12/26/24 09:50	12/26/24 12:38	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:	P5340	OrderDate:	12/18/2024 2:36:00 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
P5340-01	EFFLUENT	WATER			12/18/24 12:30			12/18/24
			Ammonia	SM4500-NH3		12/26/24	12/26/24 12:08	
			BOD5	SM5210 B			12/18/24 16:30	
			Oil and Grease	1664A			12/20/24 09:00	
			Phosphorus-Ortho	SM4500-P E			12/19/24 16:06	
			Phosphorus-Total	365.3		12/19/24	12/19/24 14:06	
			TSS	SM2540 D			12/19/24 09:15	
P5340-01DL	EFFLUENTDL	WATER			12/18/24 12:30			12/18/24
			Ammonia	SM4500-NH3		12/26/24	12/26/24 12:38	
P5340-04	AERATION TK 1	WATER			12/18/24 12:30			12/18/24
			TSS	SM2540 D			12/19/24 09:15	
P5340-05	INFLUENT	WATER			12/18/24 12:30			12/18/24
			Ammonia	SM4500-NH3		12/26/24	12/26/24 12:08	
			BOD5	SM5210 B			12/18/24 16:30	

LAB CHRONICLE

P5340-05DL	INFLUENTDL	WATER			12/18/24 12:30		12/18/24
			Ammonia	SM4500-NH3		12/26/24	12/26/24 12:38