



A

B

C

# SAMPLE DATA

## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	11/06/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/06/24
Client Sample ID:	EFFLUENT	SDG No.:	P4735
Lab Sample ID:	P4735-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	642	OR	1	2.30	5.00	mg/L	11/08/24 09:30	11/08/24 13:28	SM 4500-NH3 B plus G-11
BOD5	4560		1	0.17	2.00	mg/L		11/07/24 17:00	SM 5210 B-16
Oil and Grease	89.3		1	0.40	5.00	mg/L		11/07/24 11:30	1664A
Orthophosphate as P	0.21		1	0.0040	0.050	mg/L		11/07/24 10:37	SM 4500-P E-11
Phosphorus, Total	0.23		1	0.0050	0.050	mg/L	11/13/24 08:30	11/13/24 10:37	365.3
TSS	5200		1	1.00	4.00	mg/L		11/07/24 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:	11/06/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/06/24
Client Sample ID:	EFFLUENTDL	SDG No.:	P4735
Lab Sample ID:	P4735-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	752	D	10	22.5	50.0	mg/L	11/08/24 09:30	11/08/24 14:24	SM 4500-NH3 B plus G-11

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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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:	11/06/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/06/24
Client Sample ID:	AERATION TK 1	SDG No.:	P4735
Lab Sample ID:	P4735-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	7090		1	1.00	4.00	mg/L		11/07/24 09:30	SM 2540 D-15

Comments:

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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:	11/06/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/06/24
Client Sample ID:	INFLUENT	SDG No.:	P4735
Lab Sample ID:	P4735-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	226	OR	1	2.30	5.00	mg/L	11/08/24 09:30	11/08/24 13:39	SM 4500-NH3 B plus G-11
BOD5	13600		1	0.17	2.00	mg/L		11/07/24 17:00	SM 5210 B-16

Comments: \_\_\_\_\_

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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:	11/06/24 10:30
Project:	Pre Treatment Plant	Date Received:	11/06/24
Client Sample ID:	INFLUENTDL	SDG No.:	P4735
Lab Sample ID:	P4735-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	241	D	5	11.3	25.0	mg/L	11/08/24 09:30	11/08/24 14:24	SM 4500-NH3 B plus G-11

Comments: \_\_\_\_\_

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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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

<b>OrderID:</b>	P4735	<b>OrderDate:</b>	11/6/2024 2:14:00 PM
<b>Client:</b>	Holland Manufacturing Co.	<b>Project:</b>	Pre Treatment Plant
<b>Contact:</b>	Todd Holland	<b>Location:</b>	L11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>P4735-01</b>	<b>EFFLUENT</b>	<b>WATER</b>			<b>11/06/24 10:30</b>			<b>11/06/24</b>
			Ammonia	SM4500-NH3		11/08/24	11/08/24 13:28	
			BOD5	SM5210 B			11/07/24 17:00	
			Oil and Grease	1664A			11/07/24 11:30	
			Phosphorus-Ortho	SM4500-P E			11/07/24 10:37	
			Phosphorus-Total	365.3		11/13/24	11/13/24 10:37	
			TSS	SM2540 D			11/07/24 09:30	
<b>P4735-01DL</b>	<b>EFFLUENTDL</b>	<b>WATER</b>			<b>11/06/24 10:30</b>			<b>11/06/24</b>
			Ammonia	SM4500-NH3		11/08/24	11/08/24 14:24	
<b>P4735-04</b>	<b>AERATION TK 1</b>	<b>WATER</b>			<b>11/06/24 10:30</b>			<b>11/06/24</b>
			TSS	SM2540 D			11/07/24 09:30	
<b>P4735-05</b>	<b>INFLUENT</b>	<b>WATER</b>			<b>11/06/24 10:30</b>			<b>11/06/24</b>
			Ammonia	SM4500-NH3		11/08/24	11/08/24 13:39	
			BOD5	SM5210 B			11/07/24 17:00	

LAB CHRONICLE

P4735-05DL	INFLUENTDL	WATER			11/06/24 10:30		11/06/24
			Ammonia	SM4500-NH3		11/08/24	11/08/24 14:24