



A

B

C

# SAMPLE DATA

## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	01/31/25 09:30
Project:	Pre Treatment Plant	Date Received:	01/31/25
Client Sample ID:	EFFLUENT	SDG No.:	Q1252
Lab Sample ID:	Q1252-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	542	OR	1	2.30	5.00	mg/L	02/03/25 08:50	02/03/25 13:50	SM 4500-NH3 B plus G-11
BOD5	4600		1	0.17	2.00	mg/L		01/31/25 17:10	SM 5210 B-16
Oil and Grease	12.0		1	0.40	5.00	mg/L		02/01/25 11:30	1664A
Orthophosphate as P	0.11		1	0.0040	0.050	mg/L		01/31/25 15:07	SM 4500-P E-11
Phosphorus, Total	0.14		1	0.0050	0.050	mg/L	01/31/25 12:45	01/31/25 15:42	365.3
TSS	1630		1	1.00	4.00	mg/L		02/05/25 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:	01/31/25 09:30
Project:	Pre Treatment Plant	Date Received:	01/31/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q1252
Lab Sample ID:	Q1252-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	537	D	10	22.5	50.0	mg/L	02/03/25 08:50	02/03/25 14:31	SM 4500-NH3 B plus G-11

Comments:

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N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	01/31/25 09:30
Project:	Pre Treatment Plant	Date Received:	01/31/25
Client Sample ID:	AERATION 1	SDG No.:	Q1252
Lab Sample ID:	Q1252-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	633		1	1.00	4.00	mg/L		02/05/25 09:30	SM 2540 D-15

Comments:

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LOD = Limit of Detection

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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:	01/31/25 09:30
Project:	Pre Treatment Plant	Date Received:	01/31/25
Client Sample ID:	INFLUENT	SDG No.:	Q1252
Lab Sample ID:	Q1252-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	102	OR	1	2.30	5.00	mg/L	02/03/25 08:50	02/03/25 13:50	SM 4500-NH3 B plus G-11
BOD5	5250		1	0.17	2.00	mg/L		01/31/25 17:10	SM 5210 B-16

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

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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:	01/31/25 09:30
Project:	Pre Treatment Plant	Date Received:	01/31/25
Client Sample ID:	INFLUENTDL	SDG No.:	Q1252
Lab Sample ID:	Q1252-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	96.6	D	2	4.50	10.0	mg/L	02/03/25 08:50	02/03/25 14:31	SM 4500-NH3 B plus G-11

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

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

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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>	Q1252	<b>OrderDate:</b>	1/31/2025 11:41:00 AM
<b>Client:</b>	Holland Manufacturing Co.	<b>Project:</b>	Pre Treatment Plant
<b>Contact:</b>	Todd Holland	<b>Location:</b>	E11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1252-01</b>	<b>EFFLUENT</b>	<b>WATER</b>			<b>01/31/25 09:30</b>			<b>01/31/25</b>
			Ammonia	SM4500-NH3		02/03/25	02/03/25 13:50	
			BOD5	SM5210 B			01/31/25 17:10	
			Oil and Grease	1664A			02/01/25 11:30	
			Phosphorus-Ortho	SM4500-P E			01/31/25 15:07	
			Phosphorus-Total	365.3		01/31/25	01/31/25 15:42	
			TSS	SM2540 D			02/05/25 09:30	
<b>Q1252-01DL</b>	<b>EFFLUENTDL</b>	<b>WATER</b>			<b>01/31/25 09:30</b>			<b>01/31/25</b>
			Ammonia	SM4500-NH3		02/03/25	02/03/25 14:31	
<b>Q1252-04</b>	<b>AERATION 1</b>	<b>WATER</b>			<b>01/31/25 09:30</b>			<b>01/31/25</b>
			TSS	SM2540 D			02/05/25 09:30	
<b>Q1252-05</b>	<b>INFLUENT</b>	<b>WATER</b>			<b>01/31/25 09:30</b>			<b>01/31/25</b>
			Ammonia	SM4500-NH3		02/03/25	02/03/25 13:50	
			BOD5	SM5210 B			01/31/25 17:10	

