



# SAMPLE DATA

A

B

C

## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	09/24/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	09/24/25
Client Sample ID:	EFFLUENT	SDG No.:	Q3184
Lab Sample ID:	Q3184-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	363	OR	1	1.50	5.00	mg/L	09/24/25 15:40	09/25/25 14:03	SM 4500-NH3 B plus G-21
BOD5	16500		1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
Oil and Grease	25.6		1	0.29	5.00	mg/L		09/26/25 09:00	1664A
Orthophosphate as P	0.069		1	0.0040	0.050	mg/L		09/25/25 12:17	SM 4500-P E-21
Phosphorus, Total	0.12		1	0.0050	0.050	mg/L	09/25/25 10:40	09/25/25 13:37	365.3
TSS	2340		1	1.00	4.00	mg/L		09/26/25 09:30	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:	09/24/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	09/24/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q3184
Lab Sample ID:	Q3184-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	336	D	5	7.50	25.0	mg/L	09/24/25 15:40	09/25/25 14:32	SM 4500-NH3 B plus G-21

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

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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

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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:	09/24/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	09/24/25
Client Sample ID:	AEIRATION	SDG No.:	Q3184
Lab Sample ID:	Q3184-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	3870		1	1.00	4.00	mg/L		09/26/25 09:30	SM 2540 D-20

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:	09/24/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	09/24/25
Client Sample ID:	INFLUENT	SDG No.:	Q3184
Lab Sample ID:	Q3184-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	264	OR	1	1.50	5.00	mg/L	09/24/25 15:40	09/25/25 14:03	SM 4500-NH3 B plus G-21
BOD5	5370		1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16

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

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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

## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	09/24/25 12:00
Project:	Pre Treatment Plant 2025	Date Received:	09/24/25
Client Sample ID:	INFLUENTDL	SDG No.:	Q3184
Lab Sample ID:	Q3184-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	236	D	5	7.50	25.0	mg/L	09/24/25 15:40	09/25/25 14:32	SM 4500-NH3 B plus G-21

Comments:

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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.

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## LAB CHRONICLE

<b>OrderID:</b>	Q3184	<b>OrderDate:</b>	9/24/2025 2:54:00 PM
<b>Client:</b>	Holland Manufacturing Co.	<b>Project:</b>	Pre Treatment Plant 2025
<b>Contact:</b>	Todd Holland	<b>Location:</b>	J52

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q3184-01</b>	<b>EFFLUENT</b>	<b>WATER</b>			<b>09/24/25 12:00</b>			<b>09/24/25</b>
			Ammonia	SM4500-NH3		09/24/25	09/25/25 14:03	
			BOD5	SM5210 B			09/25/25 10:00	
			Oil and Grease	1664A			09/26/25 09:00	
			Phosphorus-Ortho	SM4500-P E			09/25/25 12:17	
			Phosphorus-Total	365.3		09/25/25	09/25/25 13:37	
			TSS	SM2540 D			09/26/25 09:30	
<b>Q3184-01DL</b>	<b>EFFLUENTDL</b>	<b>WATER</b>			<b>09/24/25 12:00</b>			<b>09/24/25</b>
			Ammonia	SM4500-NH3		09/24/25	09/25/25 14:32	
<b>Q3184-04</b>	<b>AEIRATION</b>	<b>WATER</b>			<b>09/24/25 12:00</b>			<b>09/24/25</b>
			TSS	SM2540 D			09/26/25 09:30	
<b>Q3184-05</b>	<b>INFLUENT</b>	<b>WATER</b>			<b>09/24/25 12:00</b>			<b>09/24/25</b>
			Ammonia	SM4500-NH3		09/24/25	09/25/25 14:03	
			BOD5	SM5210 B			09/25/25 10:00	

LAB CHRONICLE

Q3184-05DL	INFLUENTDL	WATER			09/24/25 12:00		09/24/25
			Ammonia	SM4500-NH3		09/24/25	09/25/25 14:32