



A

B

C

# SAMPLE DATA

## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	10/22/24 12:00
Project:	Pre Treatment Plant	Date Received:	10/22/24
Client Sample ID:	EFFLUENT	SDG No.:	P4490
Lab Sample ID:	P4490-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	733	OR	1	2.30	5.00	mg/L	10/28/24 08:40	10/28/24 13:42	SM 4500-NH3 B plus G-11
BOD5	1520		1	0.17	2.00	mg/L		10/23/24 17:40	SM 5210 B-16
Oil and Grease	61.1		1	0.40	5.00	mg/L		10/28/24 10:25	1664A
Orthophosphate as P	0.15		1	0.0040	0.050	mg/L		10/23/24 10:07	SM 4500-P E-11
Phosphorus, Total	0.24		1	0.0050	0.050	mg/L	10/23/24 09:00	10/23/24 11:07	365.3
TSS	8010		1	1.00	4.00	mg/L		10/22/24 15:00	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:	10/22/24 12:00
Project:	Pre Treatment Plant	Date Received:	10/22/24
Client Sample ID:	EFFLUENTDL	SDG No.:	P4490
Lab Sample ID:	P4490-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	856	D	10	22.5	50.0	mg/L	10/28/24 08:40	10/28/24 14:41	SM 4500-NH3 B plus G-11

Comments:

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LOD = Limit of Detection

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H = Sample Analysis Out Of Hold Time

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OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	10/22/24 12:00
Project:	Pre Treatment Plant	Date Received:	10/22/24
Client Sample ID:	AERATION-TK-1	SDG No.:	P4490
Lab Sample ID:	P4490-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	5290		1	1.00	4.00	mg/L		10/22/24 15:00	SM 2540 D-15

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:	10/22/24 12:00
Project:	Pre Treatment Plant	Date Received:	10/22/24
Client Sample ID:	INFLUENT	SDG No.:	P4490
Lab Sample ID:	P4490-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	331	OR	1	2.30	5.00	mg/L	10/28/24 08:40	10/28/24 13:42	SM 4500-NH3 B plus G-11
BOD5	10100		1	0.17	2.00	mg/L		10/23/24 17:40	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:	10/22/24 12:00
Project:	Pre Treatment Plant	Date Received:	10/22/24
Client Sample ID:	INFLUENTDL	SDG No.:	P4490
Lab Sample ID:	P4490-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	369	D	5	11.3	25.0	mg/L	10/28/24 08:40	10/28/24 14:41	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

## LAB CHRONICLE

<b>OrderID:</b>	P4490	<b>OrderDate:</b>	10/22/2024 2:18:00 PM
<b>Client:</b>	Holland Manufacturing Co.	<b>Project:</b>	Pre Treatment Plant
<b>Contact:</b>	Todd Holland	<b>Location:</b>	K11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>P4490-01</b>	<b>EFFLUENT</b>	<b>WATER</b>			<b>10/22/24 12:00</b>			<b>10/22/24</b>
			Ammonia	SM4500-NH3		10/28/24	10/28/24 13:42	
			BOD5	SM5210 B			10/23/24 17:40	
			Oil and Grease	1664A			10/28/24 10:25	
			Phosphorus-Ortho	SM4500-P E			10/23/24 10:07	
			Phosphorus-Total	365.3		10/23/24	10/23/24 11:07	
			TSS	SM2540 D			10/22/24 15:00	
<b>P4490-01DL</b>	<b>EFFLUENTDL</b>	<b>WATER</b>			<b>10/22/24 12:00</b>			<b>10/22/24</b>
			Ammonia	SM4500-NH3		10/28/24	10/28/24 14:41	
<b>P4490-04</b>	<b>AERATION-TK-1</b>	<b>WATER</b>			<b>10/22/24 12:00</b>			<b>10/22/24</b>
			TSS	SM2540 D			10/22/24 15:00	
<b>P4490-05</b>	<b>INFLUENT</b>	<b>WATER</b>			<b>10/22/24 12:00</b>			<b>10/22/24</b>
			Ammonia	SM4500-NH3		10/28/24	10/28/24 13:42	
			BOD5	SM5210 B			10/23/24 17:40	

