



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	04/03/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	04/03/25
Client Sample ID:	EFFLUENT	SDG No.:	Q1717
Lab Sample ID:	Q1717-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	868	OR	1	1.50	5.00	mg/L	04/09/25 10:00	04/09/25 11:46	SM 4500-NH3 B plus G-11
BOD5	1740		1	0.20	2.00	mg/L		04/04/25 16:45	SM 5210 B-16
Oil and Grease	11.3		1	0.29	5.00	mg/L		04/09/25 09:15	1664A
Orthophosphate as P	0.047	J	1	0.0040	0.050	mg/L		04/03/25 14:11	SM 4500-P E-11
Phosphorus, Total	0.059		1	0.0050	0.050	mg/L	04/03/25 13:30	04/03/25 15:51	365.3
TSS	2300		1	1.00	4.00	mg/L		04/08/25 11:00	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:	04/03/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	04/03/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q1717
Lab Sample ID:	Q1717-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	821	D	10	15.0	50.0	mg/L	04/09/25 10:00	04/09/25 12:21	SM 4500-NH3 B plus G-11

Comments:

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LOD = Limit of Detection

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	04/03/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	04/03/25
Client Sample ID:	AERATION-1	SDG No.:	Q1717
Lab Sample ID:	Q1717-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1260		1	1.00	4.00	mg/L		04/08/25 11:00	SM 2540 D-15

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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:	04/03/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	04/03/25
Client Sample ID:	INFLUENT	SDG No.:	Q1717
Lab Sample ID:	Q1717-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	158	OR	1	1.50	5.00	mg/L	04/09/25 10:00	04/09/25 11:53	SM 4500-NH3 B plus G-11
BOD5	11300		1	0.20	2.00	mg/L		04/04/25 16:45	SM 5210 B-16

Comments: _____

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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:	04/03/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	04/03/25
Client Sample ID:	INFLUENTDL	SDG No.:	Q1717
Lab Sample ID:	Q1717-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	144	D	2	3.00	10.0	mg/L	04/09/25 10:00	04/09/25 12:21	SM 4500-NH3 B plus G-11

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LOD = Limit of Detection
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H = Sample Analysis Out Of Hold Time

J = Estimated Value
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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

OrderID:	Q1717	OrderDate:	4/3/2025 12:30:00 PM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant 2025
Contact:	Todd Holland	Location:	L21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1717-01	EFFLUENT	WATER			04/03/25 09:00			04/03/25
			Ammonia	SM4500-NH3		04/09/25	04/09/25 11:46	
			BOD5	SM5210 B			04/04/25 16:45	
			Oil and Grease	1664A			04/09/25 09:15	
			Phosphorus-Ortho	SM4500-P E			04/03/25 14:11	
			Phosphorus-Total	365.3		04/03/25	04/03/25 15:51	
			TSS	SM2540 D			04/08/25 11:00	
Q1717-01DL	EFFLUENTDL	WATER			04/03/25 09:00			04/03/25
			Ammonia	SM4500-NH3		04/09/25	04/09/25 12:21	
Q1717-04	AERATION-1	WATER			04/03/25 09:00			04/03/25
			TSS	SM2540 D			04/08/25 11:00	
Q1717-05	INFLUENT	WATER			04/03/25 09:00			04/03/25
			Ammonia	SM4500-NH3		04/09/25	04/09/25 11:53	
			BOD5	SM5210 B			04/04/25 16:45	

