



A

B

C

SAMPLE DATA

Report of Analysis

Client: Holland Manufacturing Co.
Project: Pre Treatment Plant 2025
Client Sample ID: EFFLUENT
Lab Sample ID: Q3554-01

Date Collected: 11/05/25 12:00
Date Received: 11/05/25
SDG No.: Q3554
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	414	OR	1	1.50	5.00	mg/L	11/10/25 11:40	11/11/25 11:46	SM 4500-NH3 B plus G-21
BOD5	6740		1	0.20	2.00	mg/L		11/05/25 16:40	SM 5210 B-16
Oil and Grease	18.4		1	0.29	5.00	mg/L		11/07/25 10:30	1664A
Orthophosphate as P	0.053		1	0.0040	0.050	mg/L		11/07/25 11:37	SM 4500-P E-21
Phosphorus, Total	0.079		1	0.0050	0.050	mg/L	11/07/25 09:40	11/07/25 12:17	365.3
TSS	1150		1	1.00	4.00	mg/L		11/07/25 10:00	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.
Project: Pre Treatment Plant 2025
Client Sample ID: EFFLUENTDL
Lab Sample ID: Q3554-01DL

Date Collected: 11/05/25 12:00
Date Received: 11/05/25
SDG No.: Q3554
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	383	D	10	15.0	50.0	mg/L	11/10/25 11:40	11/11/25 13:06	SM 4500-NH3 B plus G-21

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.
Project: Pre Treatment Plant 2025
Client Sample ID: AERATION
Lab Sample ID: Q3554-04

Date Collected: 11/05/25 12:00
Date Received: 11/05/25
SDG No.: Q3554
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1430		1	1.00	4.00	mg/L		11/07/25 10:00	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.
Project: Pre Treatment Plant 2025
Client Sample ID: INFLUENT
Lab Sample ID: Q3554-05

Date Collected: 11/05/25 12:00
Date Received: 11/05/25
SDG No.: Q3554
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	285	OR	1	1.50	5.00	mg/L	11/06/25 08:40	11/06/25 13:08	SM 4500-NH3 B plus G-21
BOD5	8400		1	0.20	2.00	mg/L		11/05/25 16:40	SM 5210 B-16

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.
Project: Pre Treatment Plant 2025
Client Sample ID: INFLUENTDL
Lab Sample ID: Q3554-05DL

Date Collected: 11/05/25 12:00
Date Received: 11/05/25
SDG No.: Q3554
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	289	D	5	7.50	25.0	mg/L	11/06/25 08:40	11/06/25 13:53	SM 4500-NH3 B plus G-21

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

LAB CHRONICLE

OrderID:	Q3554	OrderDate:	11/5/2025 2:36:00 PM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant 2025
Contact:	Todd Holland	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3554-01	EFFLUENT	WATER			11/05/25 12:00			11/05/25
			Ammonia	SM4500-NH3		11/10/25	11/11/25 11:46	
			BOD5	SM5210 B			11/05/25 16:40	
			Oil and Grease	1664A			11/07/25 10:30	
			Phosphorus-Ortho	SM4500-P E			11/07/25 11:37	
			Phosphorus-Total	365.3		11/07/25	11/07/25 12:17	
			TSS	SM2540 D			11/07/25 10:00	
Q3554-01DL	EFFLUENTDL	WATER			11/05/25 12:00			11/05/25
			Ammonia	SM4500-NH3		11/10/25	11/11/25 13:06	
Q3554-04	AERATION	WATER			11/05/25 12:00			11/05/25
			TSS	SM2540 D			11/07/25 10:00	
Q3554-05	INFLUENT	WATER			11/05/25 12:00			11/05/25
			Ammonia	SM4500-NH3		11/06/25	11/06/25 13:08	
			BOD5	SM5210 B			11/05/25 16:40	

