



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

**Hit Summary Sheet**  
**SW-846**

<b>SDG No.:</b>	Q1466	<b>Order ID:</b>	Q1466
<b>Client:</b>	Holland Manufacturing Co.	<b>Project ID:</b>	Pre Treatment Plant 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
<b>Client ID : CITY WATER</b>								
Q1466-05	CITY WATER	Water	Calcium	22000		51.8	1000	ug/L
Q1466-05	CITY WATER	Water	Magnesium	11300		61.2	1000	ug/L
Q1466-05	CITY WATER	Water	Hardness, Total	101000		381	6620	ug/L



# SAMPLE DATA

A

B

C

D

## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/27/25
Project:	Pre Treatment Plant 2025	Date Received:	02/27/25
Client Sample ID:	CITY WATER	SDG No.:	Q1466
Lab Sample ID:	Q1466-05	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-70-2	Calcium	22000	1	51.8		1000	ug/L	03/12/25 10:15	03/12/25 12:49	EPA 200.7	
Hardness	Hardness, Total	101000	1	381		6620	ug/L	03/12/25 10:15	03/12/25 12:49	EPA 200.7	
7439-95-4	Magnesium	11300	1	61.2		1000	ug/L	03/12/25 10:15	03/12/25 12:49	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group 12			

U = Not Detected  
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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

LAB CHRONICLE

OrderID:	Q1466	OrderDate:	2/28/2025 8:17:00 AM
Client:	Holland Manufacturing Co.	Project:	Pre Treatment Plant 2025
Contact:	Todd Holland	Location:	H11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1466-05	CITY WATER	Water	Metals Group 12	200.7	02/27/25	03/12/25	03/12/25	02/27/25



A

B

C

# SAMPLE DATA

## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/27/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	02/27/25
Client Sample ID:	EFFLUENT	SDG No.:	Q1466
Lab Sample ID:	Q1466-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	823	OR	1	2.30	5.00	mg/L	03/05/25 14:15	03/06/25 10:09	SM 4500-NH3 B plus G-11
BOD5	11900		1	0.17	2.00	mg/L		02/28/25 16:00	SM 5210 B-16
Oil and Grease	46.6		1	0.40	5.00	mg/L		02/28/25 10:25	1664A
Orthophosphate as P	0.084		1	0.0040	0.050	mg/L		02/28/25 16:46	SM 4500-P E-11
Phosphorus, Total	0.17		1	0.0050	0.050	mg/L	02/28/25 13:00	02/28/25 15:36	365.3
TSS	500		1	1.00	4.00	mg/L		02/28/25 11:00	SM 2540 D-15

Comments:

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## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/27/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	02/27/25
Client Sample ID:	EFFLUENTDL	SDG No.:	Q1466
Lab Sample ID:	Q1466-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	813	D	10	22.5	50.0	mg/L	03/05/25 14:15	03/06/25 10:48	SM 4500-NH3 B plus G-11

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## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/27/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	02/27/25
Client Sample ID:	AERATION	SDG No.:	Q1466
Lab Sample ID:	Q1466-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1890		1	1.00	4.00	mg/L		02/28/25 11:00	SM 2540 D-15

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## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/27/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	02/27/25
Client Sample ID:	CITY WATER	SDG No.:	Q1466
Lab Sample ID:	Q1466-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	21.1	OR	1	0.011	0.60	mg/L		02/28/25 11:13	9056A
Residual Chlorine	1.05	H	1	0.016	0.10	mg/L		02/28/25 10:11	SM 4500-Cl G-11

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

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## Report of Analysis

Client:	Holland Manufacturing Co.	Date Collected:	02/27/25 09:00
Project:	Pre Treatment Plant 2025	Date Received:	02/27/25
Client Sample ID:	CITY WATERDL	SDG No.:	Q1466
Lab Sample ID:	Q1466-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	19.6	D	5	0.055	3.00	mg/L		02/28/25 12:39	9056A

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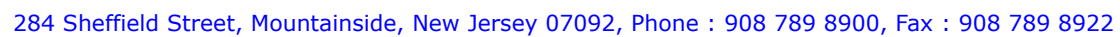
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## LAB CHRONICLE

<b>OrderID:</b>	Q1466	<b>OrderDate:</b>	2/28/2025 8:17:00 AM
<b>Client:</b>	Holland Manufacturing Co.	<b>Project:</b>	Pre Treatment Plant 2025
<b>Contact:</b>	Todd Holland	<b>Location:</b>	H11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1466-01</b>	<b>EFFLUENT</b>	<b>WATER</b>			<b>02/27/25 09:00</b>			<b>02/27/25</b>
			Ammonia	SM4500-NH3		03/05/25	03/06/25 10:09	
			BOD5	SM5210 B			02/28/25 16:00	
			Oil and Grease	1664A			02/28/25 10:25	
			Phosphorus-Ortho	SM4500-P E			02/28/25 16:46	
			Phosphorus-Total	365.3		02/28/25	02/28/25 15:36	
			TSS	SM2540 D			02/28/25 11:00	
<b>Q1466-01DL</b>	<b>EFFLUENTDL</b>	<b>WATER</b>			<b>02/27/25 09:00</b>			<b>02/27/25</b>
			Ammonia	SM4500-NH3		03/05/25	03/06/25 10:48	
<b>Q1466-04</b>	<b>AERATION</b>	<b>WATER</b>			<b>02/27/25 09:00</b>			<b>02/27/25</b>
			TSS	SM2540 D			02/28/25 11:00	
<b>Q1466-05</b>	<b>CITY WATER</b>	<b>WATER</b>			<b>02/27/25 09:00</b>			<b>02/27/25</b>
			Anions Group2	9056A			02/28/25 11:13	
			Residual Chlorine	SM4500 Cl G			02/28/25 10:11	



**Q1466-05DL**

CITY WATERDL

## WATER

## Anions Group2

9056A

**02/27/25**  
**09:00**

02/27/25

02/28/25  
12:39