

Analytical Summary Report

Analysis Method: SM 4500-H B

Analyst By : gorge

Parameter: pH

Supervisor Review By : Iwona

Run Number: LB137223

Slope : NA

pH Meter ID : Field-Meter

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W3178
buffer solution pH 7 yellow	W3217
PH 10.01 BUFFER, COLOR CD 475ML	W3191
BUFFER PH 7.00 GREEN 1PINT PK6	W3093

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 7.00 Control Limits[+/- 0.05].

True Value of CCV2 = 7.00 Control Limits[+/- 0.05].

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Temperature (°C)	Result (pH)	Anal Date	Anal Time
1	CAL1	1	Water	NA	NA	21.1	4.02	09/18/2025	10:05
2	CAL2	1	Water	NA	NA	21.0	7.01	09/18/2025	10:10
3	CAL3	1	Water	NA	NA	21.1	10.02	09/18/2025	10:15
4	ICV	1	Water	NA	NA	21.2	7.02	09/18/2025	10:20
5	CCV1	1	Water	NA	NA	21.0	7.00	09/18/2025	10:25
6	Q3019-21	1	Water	NA	NA	21.3	5.82	09/18/2025	10:35
7	Q3019-21DUP	1	Water	NA	NA	21.3	5.81	09/18/2025	10:40
8	CCV2	1	Water	NA	NA	21.2	7.01	09/18/2025	10:45

LB 137223
LB 137224

WORKLIST(Hardcopy Internal Chain)

WorkList Name : pH-091825 WorkList ID : 191941 Department : Wet-Chemistry Date : 09-18-2025 09:21:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3019-20	WP0925-PT-PH-WP	Water	pH	Cool 4 deg C	ALLI03	QA Of	09/02/2025	9040C
Q3019-21	WP0925-PT-PH-WP	Water	pH	Cool 4 deg C	ALLI03	QA Of	09/02/2025	SM 4500-H B

Date/Time 9-18-25 0950
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: S.J.(QA)

Date/Time N/A
Raw Sample Received by: N/A
Raw Sample Relinquished by: N/A

Alliance Technical Group, LLC-Newark

284 Sheffield Street, Mountainside, NJ 07092 Tel. 908-789-8900 Fax 908-789-8922

FIELD SAMPLING LOG

Client Name: Alliance Technical Group
 Client Address: 284 Sheffield St.
 Client Rep on Site: _____
 Sampling Date: 9-18-25
 Arrival Time: NA

Project Name: NJ Waste Water PT
 Project Location: MOUNTAINSIDE NJ
 Cooler Custody Seal: NA
 Temperature Correction Factor (°C): _____

Departure Time: NA

FIELD EQUIPMENT CALIBRATION

pH Calibration (SM4500-H B/9040C)

Calibration				ICV (±0.1 pH unit)
	7.00 Buffer	4.00 Buffer	10.00 Buffer	7.00 Buffer
	W 3217	W 3138	W 3191	W 3093
Time	1010	1005	1015	1020
Temp °C	21.0°C	21.1°C	21.1°C	21.2°C
pH	7.01	4.02	10.02	7.02

FIELD EQUIPMENT CALIBRATION

Specific Conductance (mS/cm) (99% -101%) (mmho/cm) (SM2510 B/120.1/9050A)

Calibration (± 1%) (99% -101%)

Calibration (± 1%) (99% -101%)		ICV (± 1%) (99% -101%)
WP		WP
Time		
Temp °C		
Reading (mS/cm)		

Sampler Signature/Date: [Signature] 9/18/25

Supervisor Review/Date: [Signature] 9/18/25

FIELD SAMPLING LOG

Client Name: Alliance Technical Group

Project Name: NS Waste Water PT

Client Address: 284 Sheffield St.

Project Location: Mountainside NJ

Client Rep on Site: _____

Cooler Custody Seal: N/A

Sampling Date: 9-18-25

Temperature Correction Factor (°C): _____

Arrival Time: NA Departure Time: NA

FIELD SAMPLING INFORMATION

Sampling Location	Date/Time of sampling	Date/Time of Analysis	Field Measurements		
			pH	Temperature °C	Specific Conductance (mS/cm) (99% -101%)
<u>CCU (W3217)</u>	<u>9-18-25 10:23⁰⁰</u> 10:22	<u>9-18-25 10:25</u>	<u>7.0</u>	<u>21.0</u>	<u>N/A</u>
<u>Q3019-20</u>	<u>10:33</u> 10:38	<u>10:35</u>	<u>5.82</u>	<u>21.3</u>	<u> </u>
<u>Q3019-20 DUP</u>	<u>10:38</u> 10:38	<u>10:40</u>	<u>5.81</u>	<u>21.3</u>	<u> </u>
<u>CCU (W3217)</u>	<u>10:43</u>	<u>10:45</u>	<u>7.01</u>	<u>21.2</u>	<u> </u>

Meter: YSI MPS, Model # 556, Serial # 085A0063

Sampler Signature/Date: [Signature] 9/18/25

Supervisor Review/Date: J. S. Lopez 9/18/25