

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: JA SM
Raw Sample Relinquished by: ST(QAO)

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

Alliance Technical Group, LLC-Newark

Client Name: Alliance Technical Group

Client Address: 284 Sheffield St.

Client Rep on Site: _____

Sampling Date: 9-18-25

Arrival Time: NA

Departure Time: NA

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

FIELD SAMPLING LOG

Project Name: NJ Waste Water PT

Project Location: MOUNTAINSIDE NJ

Cooler Custody Seal: NA

Temperature Correction Factor (°C): _____

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

Sampler Signature/Date: _____

9/18/25

Supervisor Review/Date: _____

J. Lee Day 9/18/25

Project Name: NJS Waste Water PT

Project Location: Mount Airy, NC

Cooler Custody Seal: 2/2

Temperature Correction Factor ($^{\circ}\text{C}$):

Measurements		Specific Conductance (mS/cm) (99% - 101%)
	Temperature °C	
1	21.0	2.5
2	21.3	1
1	21.3	1
1	21.2	1

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Supervisor Review/Date: Jane Lopez 9/18/25