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Environmental Chemists, Inc.

6602 Windmill Way, Wilmington, NC 28405 • 910.392.0223 Lab • 910.392.4424 Fax
710 Bowsertown Road, Manteo, NC 27954 • 252.473.5702 Lab/Fax
255-A Wilmington Highway, Jacksonville, NC 28540 • 910.347.5843 Lab/Fax

ANALYTICAL & CONSULTING CHEMISTS

info@environmentalchemists.com

City of Boiling Spring Lakes
9 East Boiling Spring Road
Boiling Spring Lake NC 28461
Attention:

Date of Report: Aug 05, 2026
Customer PO #:
Customer ID: 08100287
Report #: 2026-17254
Project ID: Lake Sample

Lab ID	Sample ID:	Collect Date/Time	Matrix	Sampled by
26-42343	**Site:** Spring Lake	8/3/2026 11:48 AM	Water	Mike Miracle

Test	Method	Results	Date Analyzed
Enterococci	Enterolert IDEXX	10 MPN/100ml	08/03/2026
Fecal Coliform	SM 9222 D-2015 MF	35 Colonies/100mL	08/03/2026
E. Coli	SM 9223B-MW	101 MPN/100ml	08/03/2026
Total Coliform	SM 9223B-MW	>4840 MPN/100ml	08/03/2026

Lab ID	Sample ID:	Collect Date/Time	Matrix	Sampled by
26-42344	**Site:** Tate Lake	8/3/2026 12:16 PM	Water	Mike Miracle

Test	Method	Results	Date Analyzed
Enterococci	Enterolert IDEXX	2 MPN/100ml	08/03/2026
Fecal Coliform	SM 9222 D-2015 MF	17 Colonies/100mL	08/03/2026
E. Coli	SM 9223B-MW	4 MPN/100ml	08/03/2026
Total Coliform	SM 9223B-MW	>2420 MPN/100ml	08/03/2026

Lab ID	Sample ID:	Collect Date/Time	Matrix	Sampled by
26-42345	**Site:** Seminole Lake	8/3/2026 12:25 PM	Water	Mike Miracle

Test	Method	Results	Date Analyzed
Enterococci	Enterolert IDEXX	3 MPN/100ml	08/03/2026
Fecal Coliform	SM 9222 D-2015 MF	120 Colonies/100mL	08/03/2026
E. Coli	SM 9223B-MW	143 MPN/100ml	08/03/2026
Total Coliform	SM 9223B-MW	>2420 MPN/100ml	08/03/2026

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Attention:

Date of Report: Aug 05, 2026
Customer PO #:
Customer ID: 08100287
Report #: 2026-17254
Project ID: Lake Sample

Lab ID	Sample ID:	Collect Date/Time	Matrix	Sampled by
26-42346	**Site:** Mirror Lake	8/3/2026 12:30 PM	Water	Mike Miracle

Test	Method	Results	Date Analyzed
Enterococci	Enterolert IDEXX	5 MPN/100ml	08/03/2026
Fecal Coliform	SM 9222 D-2015 MF	>600 Colonies/100mL	08/03/2026
E. Coli	SM 9223B-MW	105 MPN/100ml	08/03/2026
Total Coliform	SM 9223B-MW	>2420 MPN/100ml	08/03/2026

Comment:
Reviewed by: Danielle Alejan

Environmental Chemist, Inc., Wilmington, NC Lab #94

6602 Windmill Way
Wilmington, NC 28405
910.392.0223

Sample Receipt Checklist

Client: City of Boiling Spring Lakes Date: 8/3/24 Report Number: 2026 - 17252

Receipt of sample:	ECHEM Pickup ☐	Client Delivery ☐	UPS ☐ FedEx ☐ Other ☐

☐ YES	☐ NO	☒ N/A	1. Were custody seals present on the cooler?
☐ YES	☐ NO	☒ N/A	2. If custody seals were present, were they intact/unbroken?

Original temperature upon receipt 5.5 °C Corrected temperature upon receipt _____ °C

How temperature taken: ☐ Temperature Blank ☑ Against Bottles

IR Gun ID: Thomas Traceable S/N: 250289912 IR Gun Correction Factor °C: 0.0

☐ YES	☐ NO	3. If temperature of cooler exceeded 6°C, was Project Mgr./QA notified?
☒ YES	☐ NO	4. Were proper custody procedures (relinquished/received) followed?
☒ YES	☐ NO	5. Were sample ID's listed on the COC?
☒ YES	☐ NO	6. Were samples ID's listed on sample containers?
☒ YES	☐ NO	7. Were collection date and time listed on the COC?
☒ YES	☐ NO	8. Were tests to be performed listed on the COC?
☒ YES	☐ NO	9. Did samples arrive in proper containers for each test?
☒ YES	☐ NO	10. Did samples arrive in good condition for each test?
☒ YES	☐ NO	11. Was adequate sample volume available?'
☒ YES	☐ NO	12. Were samples received within proper holding time for requested tests?
☐ YES	☐ NO	13. Were acid preserved samples received at a pH of <2? *
☐ YES	☐ NO	14. Were cyanide samples received at a pH >12?
☐ YES	☐ NO	15. Were sulfide samples received at a pH >9?
☐ YES	☐ NO	16. Were NH3/TKN/Phenol received at a chlorine residual of <0.5 m/L? **
☐ YES	☐ NO	17. Were Sulfide/Cyanide received at a chlorine residual of <0.5 m/L?
☐ YES	☐ NO	18. Were orthophosphate samples filtered in the field within 15 minutes?

* TOC/Volatiles are pH checked at time of analysis and recorded on the benchsheet.

** Bacteria samples are checked for Chlorine at time of analysis and recorded on the benchsheet.

Sample Preservation: (Must be completed for any sample(s) incorrectly preserved or with headspace)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly

by adding (circle one): H_2SO_4 HNO_3 HCl NaOH

Time of preservation: _____ If more than one preservative is needed, notate in comments below

Note: Notify customer service immediately for incorrectly preserved samples. Obtain a new sample or notify the state lab if directed to analyzed by the customer. Who was notified, date and time:_____

Volatiles Sample(s) _____ were received with headspace

COMMENTS:

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NCDENR: DWQ CERTIFICATION # 94 NCDHHS: DLS CERTIFICATION # 37729

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COLLECTION AND CHAIN OF CUSTODY

Client: City of Boiling Spring Lakes	PROJECT NAME:	REPORT NO: 26-17254
ADDRESS:	CONTACT NAME:	PO NO:
	REPORT TO:	PHONE/FAX:
	COPY TO:	email:

Sampled By: Mike Miracle

SAMPLE TYPE: I = Influent, E = Effluent, W = Well, ST = Stream, SO = Soil, SL = Sludge, Other:

Sample Identification	Collection Date	Collection Time	Collection Temp	Sample Type	Composite or Grab	Container (P or G)	Chlorine mg/L	pH of bottle	LAB ID NUMBER	PRESERVATION NONE	HCL	H2SO4	HNO3	NAOH	THIO	FILTERED	OTHER	ANALYSIS REQUESTED
Spring Lake	8-3-26	1148			C	P			42343									
					G	G												E.Coli, Entero, Fecal, Total Coliform
Tate Lake		1216			C	P												
					G	G			44									E.Coli, Entero, Fecal, Total Coliform
Seminole Lake		1225			C	P												
					G	G			45									E.Coli, Entero, Fecal, Total Coliform
Mirror Lake		1230			C	P												
					G	G			46									E.Coli, Entero, Fecal, Total Coliform
					C	P												
					G	G												
					C	P												
					G	G												
					C	P												
					G	G												
					C	P												
					G	G												

NOTICE - DECHLORINATION: Samples for Ammonia, TKN, Cyanide, Phenol and Bacteria must be dechlorinated (0.5 ppm or less) in the field at the time of collection. See reverse for instructions

Transfer	Relinquished By:	Date/Time	Received By:	Date/Time
1.				
2.		✓		

Temperature when Received °C: 5.5 Accepted: ✓ Rejected: _____ Resample Requested: _____

Delivered By: _____ Received By: [signature] Date: 8-3-26 Time: 1500

Comments: _____ TURNAROUND: _____