

**Environmental Chemists, Inc.** 

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info@environmentalchemists.com

City of Boiling Spring Lakes

**ANALYTICAL & CONSULTING CHEMISTS** 

9 East Boiling Spring Road

Boiling Spring Lakes NC 28461

Attention:

Date of Report: Jul 11, 2025

Manteo Report #:

Report #:

2025-14171

**Customer ID:** 

08100287

Project ID: Lake Sample

			Р	roject ID: La	ake Sample	
Lab ID	Sample ID:	Collect	Date/Time	Matrix	Sampled by	/
25-37420	Site: Spring Lake	7/7/2025	9:55 AM	Water	Mike Miracle	€
Test		Method		Res	ults	Date Analyzed
Enteroco	cci	Enterolert IDEXX		4	I1 MPN/100ml	07/07/2025
Fecal Col	iform	SM 9222 D-2015 MF		20	0 Colonies/100mL	. 07/07/2025
E. Coli		SM 9223B-MW		14	14 MPN/100ml	07/07/2025
Total Coli	form	SM 9223B-MW		242	20 MPN/100ml	07/07/2025
Lab ID	Sample ID:	Collect	Date/Time	Matrix	Sampled by	/
25-37421	Site: Tate Lake	7/7/2025	10:11 AM	Water	Mike Miracle	е
Test		Method		Res	ults	Date Analyzed
Enteroco	cci	Enterolert IDEXX			1 MPN/100ml	07/07/2025
Fecal Col	iform	SM 9222 D-2015 MF		(	37 Colonies/100mL	07/07/2025
E. Coli		SM 9223B-MW			88 MPN/100ml	07/07/2025
Total Coli	form	SM 9223B-MW		>242	20 MPN/100ml	07/07/2025
Lab ID	Sample ID:	Collect	Date/Time	Matrix	Sampled by	<b>y</b>
25-37422	Site: Seminole Lake	7/7/2025	10:19 AM	Water	Mike Mirack	€
Test		Method		Res	ults	Date Analyzed
Enteroco	cci	Enterolert IDEXX			18 MPN/100ml	07/07/2025
Fecal Col	iform	SM 9222 D-2015 MF		24	10 Colonies/100mL	07/07/2025
E. Coli		SM 9223B-MW		12	22 MPN/100ml	07/07/2025
Total Coli	form	SM 9223B-MW		>242	20 MPN/100ml	07/07/2025
Lab ID	Sample ID:	Collect	Date/Time	Matrix	Sampled by	У
25-37423	Site: Mirror Lake	7/7/2025	10:25 AM	Water	Mike Miracle	е
Test		Method		Res	ults	Date Analyzed
Enteroco	poci	Enterolert IDEXX			4 MPN/100ml	07/07/2025
Fecal Col	liform	SM 9222 D-2015 MF		9	31 Colonies/100ml	07/07/2025
E. Coli		SM 9223B-MW		(	89 MPN/100ml	07/07/2025
Total Coli	form	SM 9223B-MW		>242	20 MPN/100ml	07/07/2025

Comment:

Reviewed by:

Mariola Orejans

Report #:: 2025-14171 Page 1 of 1

## Sample Receipt Checklist

Client Ci	tyof	Boiling Springate: 7/7/25 Report Number: 2025 - 14/7/
Receipt of sa	•	EÇHEM Pickup ☐ Client Delivery ☐ UPS ☐ FedEx ☐ Other ☐
☐ YES	NO NO	N/A 1. Were custody seals present on the cooler?
☐ YES	□ NO	<del>- KA</del>
Original tem		
How temper		
		eable 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 YES	□ NO	5. Were sample ID's listed on the COC?
YES YES	□ NO	6. Were samples ID's listed on sample containers?
YES YES	□ NO	7. Were collection date and time listed on the COC?
X YES	□ NO	8. Were tests to be performed listed on the COC?
YES	□ NO	Did samples arrive in proper containers for each test?
X YES	□ NO	10. Did samples arrive in good condition for each test?
☑. YES	П ио	11. Was adequate sample volume available?'
<b>™</b> 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/Volatile	es are nH ch	ecked at time of analysis and recorded on the benchsheet.
ł.		necked for Chlorine at time of analysis and recorded on the benchsheet.
	,,,pres (i. e ei	readed for emotine at time of analysis and recorded on the benefitinees.
Sample Pres	ervation:	(Must be completed for any sample(s) incorrectly preserved or with headspace)
Sample(s)		were received incorrectly preserved and were adjusted accordingly
by adding (cit	rcle one):	H <sub>2</sub> SO <sub>4</sub> HNO <sub>3</sub> HCI NaOH
'	•	
Time of prese	· · · · · · · · · · · · · · · · · · ·	If more than one preservative is needed, notate in comments below
		immediately for incorrectly preserved samples. Obtain a new sample or
		to analyzed by the customer. Who was notified, date and time:
Volatiles San	iple(s)	were received with headspace
COMMENTS:		
		DOC. QA.002 Rev 1



## ENVIRONMENTAL CHEMISTS, INC NCDENR: DWG CERTIFICATION # 94 NCDHHS: DLS CERTIFICATION # 37729

6602 Windmill Way Wilmington, NC 28405 OFFICE: 910-392-0223 FAX 910-392-4424 info@environmentalchemists.com

## **COLLECTION AND CHAIN OF CUSTODY**

Client: City of Boiling Spring Lakes	g Lakes			PRO	PROJECT NAME:	AME								$\blacksquare$	Ϋ́ I	후ㅣ	<u> </u>	REPORT NO:	2	1	2	17					
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Sampled By: Mile A	Mack				SAN	SAMPLE	TYPE: I	= influent,	B=E	fflue	뭐.	2	¥e	,=  S	풺	Str	ea	ffluent, W = Well, ST = Stream, SO =	Soil, SL = Sludge, Other:	2	-S	딦	je	호			
	0	Collection		ре	e			le			쾱	PRESERVATION	밁	$\geq$	ᅙ		_						-				
Sample Identification	Date	Time	Temp	Sample Ty	Composit or Grab	Containe (P or G)	Chlorine mg/L	pH of bott	LAB ID NUMBER	NONE	HCL	H2SO4	HNO3	NAOH	THIO		OTHER		≱	Ā	SIS	R	ANALYSIS REQUESTED	STE	0		
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Spring Lake	7-7-25	955			G	ଜ			379.									E.Coli, Entero, Fecal, Total Coliform	Ente	ō	Fec	_' ਨੂੰ	Tota	S E	olifor	3	
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Tate Lake		10//			G	G			1/1									E.Coli, Entero, Fecal, Total Coliform	Ente	ō	Fec	<u>ời</u>	Tota	S E	olifor	3	
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Seminole Lake		1019			G	G			1.									E.Coli, Entero, Fecal, Total Coliform	Ente	5	Fec	<u>ģi</u>	Tota	S Z	olifor	ਤੌ	
		-			င	Р			4			_	_		_	_											
Mirror Lake		1025			G	G			C.									E.Coli, Entero, Fecal, Total Coliform	Ente	5	Fec	<u>હાં</u>	Tota	0	olifor	ΞÌ	
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NOTICE - DECHLORINATION: Samples for Ammonia, TKN, Cyanide, Phenol and Bacteria must be dechlorinated (0.5 ppm or less) in the	for Ammonia, 1	KN, Cyanide,	Phenol and E	acteria	must be	dechlos	rinated (0.	5 ppm or	less) in the	field a	t the	time	of c	lec	ion.	Seg	rev	field at the time of collection. See reverse for instructions	struc	tions							
Fransfer		Relinquished By:	shed By:				Dat	Date/Time			L	l	ַק	ce	Received By:	0	1.3		L			٥	Date/Time	<del> </del>	e		L
																	1 8										
2.	200 ON 1	36 69				1																	23	- 3			
Temperature when Received °C;	1°C: 4	6	Acc	Accepted:	7			Rejected:	ted:	Ш		П	Ш	닒	esa	킑	<u></u>	Resample Requested:	sted	Π							
Delivered By:	5			Re	Received By:	By:		K						L.	Date:	K.	17	7-25		Time:	<u>е</u>	1400	00	1			
Comments:								11/1										THRNAROHNO.		ب							