

ANALYTICAL & CONSULTING CHEMISTS

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

info@environmentalchemists.com

City of Boiling Spring Lakes

9 East Boiling Spring Road

Boiling Spring Lake NC 28461

Attention:

Date of Report: Sep 10, 2025

Customer PO #:

Customer ID: 08100287

Report #:

2025-19705

Project ID: Lake Sample

Lab ID	Sample ID:		Collect I	Date/Time	Matrix	Sampled by	
25-51455	Site: Spring Lake		9/8/2025	1:57 PM	Water	Mike Miracle	
Test		Method	l <u> </u>		Re	esults Da	ate Analyzed
Enterococci	i	Enterolert IDEX	x			8 MPN/100ml	09/08/2025
Fecal Colifo	orm	SM 9222 D-201	5 MF			19 Colonies/100mL	09/08/2025
E. Coli		SM 9223B-MW				17 MPN/100ml	09/08/2025
Total Colifor	rm	SM 9223B-MW				4153 MPN/100ml	09/08/2025
Lab ID	Sample ID:		Collect I	Date/Time	Matrix	Sampled by	
25-51456	Site: Tate Lake		9/8/2025	1:44 PM	Water	Mike Miracle	
Test		Method	<u> </u>		Re	esults Da	ate Analyzed
Enterococci		Enterolert IDEX	×			3 MPN/100ml	09/08/2025
Fecal Colifo	orm	SM 9222 D-201	5 MF			<10 Colonies/100mL	09/08/2025
E. Coli		SM 9223B-MW				6 MPN/100ml	09/08/2025
Total Colifor	rm	SM 9223B-MW			:	>2420 MPN/100ml	09/08/2025
Lab ID	Sample ID:		Collect I	Date/Time	Matrix	Sampled by	
25-51457	Site: Seminole Lake		9/8/2025	1:38 PM	Water	Mike Miracle	
Test		Method	1		Re	esults Da	ate Analyzed
Enterococci		Enterolert IDEX	×			7 MPN/100ml	09/08/2025
Fecal Colifo	rm	SM 9222 D-201	5 MF			280 Colonies/100mL	09/08/2025
E. Coli		SM 9223B-MW				152 MPN/100ml	09/08/2025
Total Colifor	rm	SM 9223B-MW			:	>2420 MPN/100ml	09/08/2025

Report #:: 2025-19705 Page 1 of 2



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Boiling Spring Lake NC 28461

Attention:

Date of Report: Sep 10, 2025

Customer PO #:

Customer ID: 08100287

Report #: 2025-19705

Project ID: Lake Sample

Lab ID

Sample ID:

Collect Date/Time

Matrix

Sampled by

25-51458

Jampie ID.

Site: Mirror Lake

9/8/2025

1:35 PM

Water

Mike Miracle

Method Results **Date Analyzed Test** Enterolert IDEXX 3 MPN/100ml 09/08/2025 Enterococci SM 9222 D-2015 MF 19 Colonies/100mL 09/08/2025 Fecal Coliform SM 9223B-MW E. Coli 6 MPN/100ml 09/08/2025 **Total Coliform** SM 9223B-MW >2420 MPN/100ml 09/08/2025

Comment:

Reviewed by:

Page 2 of 2

Sample Receipt Checklist

Client: Cityo	f Bailings	pringlakes Date:	918/25 R	eport Number:	2025 - 10	7705
Receipt of sample:	ĒСНЕ	M Pickup 📢	Client Delivery □	UPS 🗆	FedEx □	Other 🗆
☐ YES ☐ (NO 🗖 N	/A 1. Were c	ustody seals preser	nt on the cooler?		
☐ YES ☐ (NO D N		dy seals were prese	ent, were they int	act/unbroke	n?
Original temperatu	ire upon receip	ot <u>4,0 °</u> ℃	Correct	ed temperature u	pon receipt	°C
How temperature	taken:	Temperature Bla	ınk 灯 Ag	gainst Bottles		
IR Gun ID: Thomas	Traceable S/N	: 250289912	IR Gun Correction	Factor °C: 0.0		
☐ YES ☐ I	NO 3. If	temperature of coo	ler exceeded 6°C, v	was Project Mgr./	QA notified?	. <u>-</u>
¥ YES □ I	NO 4. W	ere proper custody	procedures (reling	uished/received)	followed?	
YES 🗆 I	NO 5. W	ere sample ID's list	ed on the COC?			
YD YES 🗆 I	NO 6. W	ere samples ID's lis	ted on sample cont	tainers?		
t <mark>X</mark> YES □ □	NO 7. W	ere collection date	and time listed on	the COC?		
YES	NO 8. W	ere tests to be perf	ormed listed on the	e COC?		
YES 🗆 I	NO 9. Di	id samples arrive in	proper containers	for each test?		
YES 🗆 I	NO 10. D	id samples arrive in	good condition for	each test?		
X YES 🗆 I	NO 11. W	as adequate sampl	e volume available	?'		
X YES 🗆 I	NO 12. W	ere samples receiv	ed within proper ho	olding time for red	quested tests	;?
YES 🔲 I	NO 13. W	ere acid preserved	samples received a	nt a pH of <2? *		
☐ YES ☐ I	NO 14. W	ere cyanide sample	es received at a pH	>12?		
☐ YES ☐ I	NO 15. W	ere sulfide samples	received at a pH >	9?		
☐ YES ☐ I	NO 16. W	ere NH3/TKN/Pher	ol received at a chl	orine residual of	<0.5 m/L? **	
☐ YES ☐ I	NO 17. W	ere Sulfide/Cyanide	e received at a chlo	rine residual of <().5 m/L?	
☐ YES ☐ I	NO 18. W	ere orthophosphat	e samples filtered i	n the field within	15 minutes?	
* TOC/Volatiles are ** Bacteria samples	are checked for	Chlorine at time of a	nalysis and recorded	on the benchsheet.		
Sample Preservation	on: (Must	be completed for a	* * * * *	• •		•
Sample(s)	\		ived incorrectly pre	served and were	adjusted acc	ordingly
by adding (circle or	•	₂ SO ₄ HNO ₃	HCI NaOH			
Time of preservation			an one preservative		<u>e in commer</u>	ts below_
		ely for incorrectly preser	•	*		
		d by the customer. Who			_	
Volatiles Sample(s)			were received	d with headspace		
COMMENTS:		. <u></u>				
				4444,7600,019 —		

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: Boiling Spring Lakes			_	ROJ	PROJECT NAME:	ME:										Z	皿	ŏ	Ž	REPORT NO:	Ö		0 1	S	-	_	20101	V.	
ADDRESS:			_	TNO	CONTACT NAME	AME:										₹	PO NO:	χ											
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			_	COPY TO:	.o											œ.	email:	<u> </u>											
Sampled By: 1/1/1/	MILAI	N				G	SAMPLE	E TYPE: I	1)	Influent,	Ţ.	11	밃	<u> </u>	žΙ	٠ ا		5	€	S	Effluent, W = Well, ST = Stream, SO = Soil, SL = Sludge, Other:	SO =	Soil, S	= SI	idge,	외	her:		
	C	Collection		\dashv		_	\dashv		·		v	낆	S	Ä	SI.	\exists	Q	~		ᅱ									
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	HIVOS	NAOH	THIO		FILTERED	OTHER				ANA	ANALYSIS REQUESTED	ÉQUE	TS	ËD		
				_	ဂ	ַס							\dashv	_		\neg	-			\neg									
Spring Lake	9-8-25	1357		Ļ	ഒ	ଜ			2152											Ш	E.Coli, Entero, Fecal, Total Coliform	o, Fed	al, To	tal Col	iform	_			
					ဂ	ס							\neg			\neg	-												
Tate Lake		1344			G	ଜ			SIHSL								_			ш	E.Coli, Entero, Fecal, Total Coliform	o, Fed	al, To	tal Col	iform				
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Seminole Lake		1338		L	മ	ഗ			10419	1	Г		Н	<u> </u>		-	⊢		Г	Ē	E.Coli, Entero, Fecal, Total Coliform	o, Fed	al, To	tal Col	iform				
	1//	,			ဂ	ס											_												
Mirror Lake	<	1335			G	ြ		-C	8C H 19				\vdash	<u> </u>			\vdash		Г	ш	E.Coli, Entero, Fecal, Total Coliform	o, Fed	iai, To	tal Col	iform				
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NOTICE - DECHLORINATION: Samples for Ammonia, TKN, Cyanide, Phenol and Bacteria must be dechlorinated (0.5 ppm or less) in the field at the tim	for Ammonia, 1	KN, Cyanide,	Phenot and E	lacteria	must be o	dechlorin	ated (0.5	5 ppm or	less) in the	field	d at 1	he) j	ů,	8	퓻	tio	-	500	Tev4	e of collection. See reverse for instructions	tions							
Transfer		Relinquished By:	shed By:				Date	Date/Time					Ш	امرا	Received By:	<u> </u>	<u> </u>	lii l	Ϋ́	Ш					Date/Time	اڐۣٳ	me		
1.																													
2.																													
Temperature when Received °C:	.C:	40	Acc	Accepted:				Rejected:	ed:			Ш	Ш	П	П	낐	ğΊ	ΞI	힐	اھ	Resample Requested:					Ц			
Delivered By:				Rec	Received By:	Ψ. 	<u>ر</u>	Z	3	7			6	١.	Date:	Ö	萧	:-	2		8 25 Time:	Ħ e:	でい	Ö					
Comments:											П	Ш	ш	ш	ш	Ι΄	Į.	- 1	7	눤	TURNAROUND:	Ϊ,							