

CERTIFICATE OF ANALYSIS

Ms. Erin Kirchner **Essex Board of Health** Town Hall Essex, MA 01929

Biomarine Report No:

62619

August 4, 2016

RE: BACTERIOLOGICAL ANALYSES OF BATHING WATERS

SAMPLE INFORMATION:

Sample Description:	Bathing water samples as described below
Samples Collected By:	Erin Kirchner
Date Sample Collected:	8/2/16
Sample Location:	See sites below
Date and Time Analyzed:	8/2/16, 1545

FINDINGS:

Biomarine Sample ID	Sample Location	Time Sampled	Enterococci/100 mL
-	Clammer's Beach	-	-
-	Front Beach	-	-

METHODS: IDEXX Enterolert (MPN)

REMARKS:

The Mass. Department of Public Health currently accepts an enterococci count of <104/100ml in marine bathing waters.

Biomarine Sample ID	Sample Location	Time Sampled	E. coli/100 mL
62619	Chebacco Lake at Centennial Grove	1430	10
-	Camp Menorah	-	-

METHODS: IDEXX Colilert (MPN)

REMARKS:

Mass. Department of Public Health currently accepts an E. coli count of <235/100 mL in fresh water bathing areas.

Jim Groleau, Laboratory Director

Beach Sampling Field Data Form

62614

Date Col Collected	Date Collected: 08/02/2016 Collected By: ERIN KIRCHNER	MA				Time Delivere Delivered By: Relinquished	Time Delivered to Lab: Delivered By: Relinquished To:	ab:	89			
Instructions:	ons: Collect sample(s) in areas of greatest bather load and at locations subject to contamination at a uniform depth of 3 feet. Collect samples 12 inches below water surface. Do not collect samples within 6 inches of bottom.	in areas of ce. Do not o	greatest ba	ther load bles withi	and at location 6 inches of b	ns subject to	o contaminat	on at a ur	niform depth	of 3 feet.	Collect s	amples 12 inches
Sample ID	Sample Location (Note beach and sampling location)	Marine or Fresh	Sample Time	Wa	Water Clarity	Water Temp	Days Since Rain ('0' if w/in 24 hrs.)	V	Bather Density (in water) (Circle appropriate # range)	ity (in wat	er)	Observations of bathing water
A	Chebacco Lake Beach	Fresh	0641	Clear	Cloudy/Murky	18	4	0-10	11-20	20-50	>50	
В	Camp Menorah	Fresh		Clear	Cloudy/Murky			0-10	11-20	20-50	>50	ž
C	Clammer's Beach	Marine		Clear	Cloudy/Murky		,	0-10	11-20	20-50	>50	X
D	Front Beach	Marine		Clear	Cloudy/Murky			0-10	11-20	20-50	>50	
										51		
			-							35		
			T _e				11					= 15
i i												
Observations: Current Weath	T=Trash er Condition: (WS=Waste Solids Cloudy/Overcast	_	Sunny Rair)=O	A =Alg	F =Fish	F=Fish die-offs J: y Air Temp:	Jellyfi	sh B =Birds	ds D=	D=Dogs N=None Wind Direction:
							100 H					
Exceedance	Exceedance Notification: By:		П	Date/Time:	e:	_	Contacted:		_	Via:		