

CERTIFICATE OF ANALYSIS

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

Biomarine Report No:

62212

June 23, 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:	6/21/16					
Sample Location:	See sites below					
Date and Time Analyzed:	6/21/16, 1600					

FINDINGS:

Biomarine Sample ID		Sample Location	Time Sampled	Enterococci/100 mL				
62212	В	Clammer's Beach	1315	10				
62212	С	Front Beach	1325	<10				

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				
62212 A	Chebacco Lake at Centennial Grove	1245	3				
-	- 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

717.0

Exceedance	Observations: Current Weath				(0	C	æ	Þ	Sample ID	Instructions:	Town/Ci Date Col Collecte
Exceedance Notification: By:	T=Trash er Condition:				Camp Menorah	Front Beach	Clammer's Beach	Chebacco Lake Beach	Sample Location (Note beach and sampling location)	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.	Town/City of Collection: ESSEX MA Date Collected: 06/2∯/2016 Collected By: ERIN KIRCHNER
	WS=Waste Solids Cloudy/Overcast		-		Fresh	Marine	Marine	Fresh	Marine or Fresh	in areas of ce. Do not	MA
						152:1	117	1245	Sample Time	greatest ba	
Date/Time:	Sunny Rain				Clear	Clear	Clear	Clear	Wa	ther load oles withi	
	9 0 0				Cloudy/Murky	Cloudy/Murky	Cloudy/Murky	Cloudy/Murky	Water Clarity	and at location 6 inches of bo	
	A =Alg		314			35	88	4	Water Temp (°F)	is subject tottom.	Time Delivere Delivered By: Relinquished
Contacted:	F =Fish					B	B	B	Days Since Rain ('0' if w/in 24 hrs.)	o contaminatio	Time Delivered to Lab: Delivered By: Relinquished To:
Via:	lie-offs ir Temp:				0-10	0-10	(0-10)	0-10	Ba	n at a uni	5.
	die-offs J=Jellyfish Air Temp: 82 °F				11-20) 11-20	11-20	11-20	Bather Density (in water) (Circle appropriate # range)	form depth	E24
	B =Birds				20-50	20-50	20-50	20-50	ty (in wat iate#range	of 3 feet.	
	Wind D				>50	>50	>50	>50	er))	Collect sa	
	D=Dogs N=None Wind Direction:					1	1	\nearrow	Observations of bathing water	amples 12 inche	
	9				A.	1	0	W	ns of ater	SS	