



# Biomarine

16 EAST MAIN STREET, GLOUCESTER, MA 01930  
TELEPHONE: (978) 281-0222 FAX: (978) 283-6296  
biomarine@biomarinelab.com • www.biomarinelab.com

## 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 B	Clammer's Beach	1315	10
62212 C	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

102212

Time Delivered to Lab: 1346  
Delivered By: EK  
Relinquished To: 421

below water surface. Do not collect samples within 6 inches of bottom.

[illegible]

Observations:	T=Trash	WS=Waste Solids	SD=Sludge Deposit	O=Oils	A=Algae	F=Fish die-offs	J=Jellyfish	B=Birds	D=Dogs	N=None
Current Weather Condition:	Cloudy/Overcast	Sunny	Rainy	Foggy	Windy	Air Temp: 82 °F	Wind Direction: NW			

Exceedance Notification: By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Contacted: \_\_\_\_\_ Via: \_\_\_\_\_