



# Biomarine

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## CERTIFICATE OF ANALYSIS

Mr. Jack Morris  
Amesbury Board of Health  
11 School Street  
Amesbury, MA 01913

Biomarine Report No.: 53059  
August 17, 2012

### RE: BACTERIOLOGICAL ANALYSES OF BATHING WATERS

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#### SAMPLE INFORMATION:

|  |  |
|--|--|
| <b>Sample Description:</b>             | Non-marine bathing water sample as described below |
| <b>Samples Collected By:</b>           | LGIA   |
| <b>Date and Time Sample Collected:</b> | 8/15/12, See time below                            |
| <b>Sample Collection Sites:</b>        | See sites below                                    |
| <b>Date and Time Analyzed:</b>         | 8/15/12, 12:30 PM                                  |

#### FINDINGS:

| Biomarine Sample ID | Sample Location            | Time Sampled | E. coli/100mL |
|---------------------|----------------------------|--------------|---------------|
| 53059A              | Lake Gardner Beach         | 6:52         | 1             |
| 53059B              | Glen Devin                 | 6:44         | 10            |
| 53059C              | Camp Bauercrest            | 7:05         | 4             |
| 53059D              | Lake Attitash – A.L.S.I.A. | 6:10         | 12            |

REFERENCE: IDEXX Coli-ert (MPN)10

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

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## Amesbury Board of Health Beach Sampling - Field Data Form

|  |                                |
|--|--------------------------------|
| Town/City of Collection: <b>AMESBURY, MA</b> | Delivered to Lab By: <u>BS</u> |
| Date Collected: <u>8/15/12</u>               | Time of Delivery: <u>12:00</u> |
| Collected By: <u>LGIA 35900</u>              | Received by: <u>DAF 35900</u>  |

**NOTE:** Collect samples 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.

| Sample ID | Location<br>(Note body of water, beach and collection area) | Time Collected | Type of Water<br>salt/fresh | Water Temp<br>°F | Water Clarity*<br>clear/not clear | Swimmer Density | Observations**<br>(of bathing water) | Result    |
|-----------|---|----------------|-----------------------------|------------------|-----------------------------------|-----------------|--------------------------------------|-----------|
| <u>A</u>  | <u>Lake Gardner</u>   | <u>6:52</u>    | <u>F</u>                    | <u>79°</u>       | <u>Clear</u>                      | <u>0</u>        | <u>0</u>                             | <u>1</u>  |
| <u>B</u>  | <u>Glen Devin</u>   | <u>6:44</u>    | <u>F</u>                    | <u>79°</u>       | <u>Clear</u>                      | <u>0</u>        | <u>1 duck</u>                        | <u>10</u> |
| <u>C</u>  | <u>Camp Bauercrest</u>                                      | <u>7:05</u>    | <u>F</u>                    | <u>80</u>        | <u>Clear</u>                      | <u>0</u>        | <u>Seagulls</u>                      | <u>0</u>  |
| <u>D</u>  | <u>Lake Attitash-A.L.S.I.A.</u>                             | <u>6:10</u>    | <u>F</u>                    | <u>80</u>        | <u>clear</u>                      | <u>0</u>        | <u>0</u>                             | <u>10</u> |
|           |   |                |                             |                  |                                   |                 |                                      |           |

\*Water Clarity: State reason not clear, i.e., turbidity, color of water.

\*\*Observations: T= Trash WS= Waste Solids SD= Sludge Deposits  
O= Oils A= Algae F= Fish die-offs J= Jellyfish B= Birds

|  |
|--|
| Current Weather Conditions (circle one): <u>Sunny</u> Cloudy/Overcast    Rainy    Foggy    Windy                       |
| Air Temp: <u>70°</u> F    Wind Direction: <u>0</u> Time of Last High Tide (if applicable): _____                       |
| Amount of Last Rainfall: <u>1/2</u> Number of days from end of last rainfall to collection day: <u>1 week? Sunday?</u> |

Comments: \_\_\_\_\_  
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