



## Volatile Organic Contaminant Report

## I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: **3116000** City / Town: **GROVELAND**  
 PWS Name: **GROVELAND WATER DEPARTMENT** PWS Class:  COM  NTNC  TNC

| DEP LOCATION (LOC) ID#  | DEP Location Name   | Sample Information   | Sample Acidified?  | Date Collected                          | Collected By |           |
|---|---|--|--|---|--------------|-----------|
| 10001   | GP WELL #1  | <input type="checkbox"/> (M)ultiple<br><input checked="" type="checkbox"/> (S)ingle  | <input type="checkbox"/> (R)aw<br><input checked="" type="checkbox"/> (F)inished | Yes <input checked="" type="checkbox"/> | 4/20/16      | J. KOTULI |
| Routine or Special Sample<br><input type="checkbox"/> RS <input checked="" type="checkbox"/> SS                       | Original, Resubmitted or Confirmation Report<br><input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation | If Resubmitted Report, list below:   |  |   |              |           |
|   |   | (1) Reason for Resubmission<br><input type="checkbox"/> Resample <input type="checkbox"/> Ranalysis <input type="checkbox"/> Report Correction |  | (2) Collection Date of Original Sample  |              |           |
| SAMPLE NOTES – Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection. |   |  |  |   |              |           |

## II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab MA Cert. #: **MA026** Primary Lab Name: **Biomarine Inc.** Subcontracted? (Y/N)  Y   
 Analysis Lab MA Cert. #: **M-CT008** Analysis Lab Name: **MICROBAC LABS INC.**

| Lab Method  | Date Extracted (551.1 only)  | Date Analyzed | Lab Sample ID#   | LAB SAMPLE NOTES - Include information as to whether sample was diluted or additional contaminants detected. |
|---|--|---------------|------------------|--|
| 524.2   | -  | 4/22/16       | E604M92-4-61745E |  |
| Was this Sample composited by the Lab?<br>Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/> | COMPOSITE SAMPLE NOTES - Please list the composited sources by DEP Source Code (XXXXXXX-XXX), up to five individual sources. |               |                  |  |

| CAS#      | REGULATED VOC CONTAMINANT  | Results µg/L | MCL µg/L | MDL µg/L |
|-----------|----------------------------|--------------|----------|----------|
| 71-43-2   | BENZENE                    | ND           | 5        | 0.50     |
| 56-23-5   | CARBON TETRACHLORIDE       | ND           | 5        | 0.50     |
| 75-35-4   | 1,1-DICHLOROETHYLENE       | ND           | 7        | 0.50     |
| 107-06-02 | 1,2-DICHLOROETHANE         | ND           | 5        | 0.50     |
| 106-46-7  | PARA-DICHLOROBENZENE       | ND           | 5        | 0.50     |
| 79-01-6   | TRICHLOROETHYLENE (TCE)    | ND           | 5        | 0.50     |
| 71-55-6   | 1,1,1-TRICHLOROETHANE      | ND           | 200      | 0.50     |
| 75-01-4   | VINYL CHLORIDE             | ND           | 2        | 0.50     |
| 108-90-7  | MONOCHLOROBENZENE          | ND           | 100      | 0.50     |
| 95-50-1   | O-DICHLOROBENZENE          | ND           | 600      | 0.50     |
| 156-60-5  | TRANS-1,2-DICHLOROETHYLENE | ND           | 100      | 0.50     |
| 156-59-2  | CIS-1,2-DICHLOROETHYLENE   | ND           | 70       | 0.50     |
| 78-87-5   | 1,2-DICHLOROPROPANE        | ND           | 5        | 0.50     |
| 100-41-4  | ETHYLBENZENE               | ND           | 700      | 0.50     |
| 100-42-5  | STYRENE                    | ND           | 100      | 0.50     |
| 127-18-4  | TETRACHLOROETHYLENE (PCE)  | ND           | 5        | 0.50     |
| 108-88-3  | TOLUENE                    | ND           | 1000     | 0.50     |
| 1330-20-7 | XYLENES (TOTAL)            | ND           | 10000    | 0.50     |
| 75-09-2   | DICHLOROMETHANE            | ND           | 5        | 0.50     |
| 120-82-1  | 1,2,4-TRICHLOROBENZENE     | ND           | 70       | 0.50     |
| 79-00-5   | 1,1,2-TRICHLOROETHANE      | ND           | 5        | 0.50     |



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PWS ID#: 3116000

Lab Sample ID#: E604M92-4-61745E

Table with 4 columns: CAS#, UNREGULATED VOC CONTAMINANTS, Results µg/L, MDL µg/L. Lists various VOCs like CHLOROFORM, BROMODICHLOROMETHANE, etc., with results mostly ND and MDL 0.50.

Table with 4 columns: CAS#, ADDITIONAL UNREGULATED and/or NON-TARGET VOC CONTAMINANTS, Results µg/L, MDL µg/L. Lists additional VOCs like TETRAHYDROFURAN, TERT-BUTYL ALCOHOL, etc.

Check this box if attaching lab report to show additional VOC results/contaminants tested.

# Required
\* DEP ORSG limit established.

Table with 2 columns: Surrogate Name, % Recovery (70 - 130%). Rows: 1,2-Dichlorobenzene-d4 (101), Bromofluorobenzene (109).

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Primary Lab Director Signature: [Signature]

Date: 4/29/16

If not submitting these results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & Date)
Review Comments
WQTS Data Entered



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**I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form**

PWS ID #:  City / Town:

PWS Name:  PWS Class: COM  NTNC  TNC

| DEP LOCATION (LOC) ID#   | DEP Location Name   | Sample Information   |  | Sample Acidified?                       | Date Collected                         | Collected By |
|--|---|--|--|---|--|--------------|
| 61745E   |   | <input type="checkbox"/> (M)ultiple<br><input checked="" type="checkbox"/> (S)ingle                              | <input type="checkbox"/> (R)aw<br><input checked="" type="checkbox"/> (F)inished | Yes <input checked="" type="checkbox"/> | 4/20/2016                              | Client       |
| Routine or Special Sample  | Original, Resubmitted or Confirmation Report  | If Resubmitted, list below   |  |   |  |              |
|  |   | (1) Reason for Resubmission  |  |   | (2) Collection Date of Original Sample |              |
| <input checked="" type="checkbox"/> RS <input type="checkbox"/> SS   | <input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation | <input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction |  |   |  |              |
| <b>SAMPLE NOTES - (Such as, if a Manifold/Multiple sample, list the sources that were on-line during sample collection).</b> |   |  |  |   |  |              |

**II. ANALYTICAL LABORATORY INFORMATION**

Primary Lab MA Cert. #:  Primary Lab Name:  Subcontract? (Y/N)

Analysis Lab MA Cert. #:  Analysis Lab Name:

| Lab Method   | Date Extracted (551.1 Only) | Date Analyzed | Lab Sample ID# | LAB SAMPLE NOTES - Include information as to whether sample was diluted or additional contaminants detected. |
|--|-----------------------------|---------------|----------------|--|
| 524.2  |                             | 04/22/2016    | E604M92-4      |  |
| <b>Was this Sample composited by the Lab?</b>  |                             |               |                |  |
| Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>  |                             |               |                |  |
| <b>COMPOSITE SAMPLE NOTES - Please list the composite sources by DEP Source Code (XXXXXXX-XXX), up to five individual sources.</b> |                             |               |                |  |

| CAS#      | REGULATED VOC CONTAMINANT  | Results µg/L | MCL µg/L | MDL µg/L |
|-----------|----------------------------|--------------|----------|----------|
| 71-43-2   | BENZENE                    | ND           | 5.0      | 0.50     |
| 56-23-5   | CARBON TETRACHLORIDE       | ND           | 5.0      | 0.50     |
| 75-35-4   | 1,1-DICHLOROETHYLENE       | ND           | 7.0      | 0.50     |
| 107-06-02 | 1,2-DICHLOROETHANE         | ND           | 5.0      | 0.50     |
| 106-46-7  | PARA-DICHLOROBENZENE       | ND           | 5.0      | 0.50     |
| 79-01-6   | TRICHLOROETHYLENE (TCE)    | ND           | 5.0      | 0.50     |
| 71-55-6   | 1,1,1-TRICHLOROETHANE      | ND           | 200.0    | 0.50     |
| 75-01-4   | VINYL CHLORIDE             | ND           | 2.0      | 0.50     |
| 108-90-7  | MONOCHLOROBENZENE          | ND           | 100.0    | 0.50     |
| 95-50-1   | O-DICHLOROBENZENE          | ND           | 600.0    | 0.50     |
| 156-60-5  | TRANS-1,2-DICHLOROETHYLENE | ND           | 100.0    | 0.50     |
| 156-59-2  | CIS-1,2-DICHLOROETHYLENE   | ND           | 70.0     | 0.50     |
| 78-87-5   | 1,2-DICHLOROPROPANE        | ND           | 5.0      | 0.50     |
| 100-41-4  | ETHYLBENZENE               | ND           | 700.0    | 0.50     |
| 100-42-5  | STYRENE                    | ND           | 100.0    | 0.50     |
| 127-18-4  | TETRACHLOROETHYLENE (PCE)  | ND           | 5.0      | 0.50     |
| 108-88-3  | TOLUENE                    | ND           | 1000.0   | 0.50     |
| 1330-20-7 | XYLENES (TOTAL)            | ND           | 10000.0  | 0.50     |
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| 79-00-5   | 1,1,2-TRICHLOROETHANE      | ND           | 5.0      | 0.50     |

