



Inorganic Contaminant Report

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

PWS ID #: 1113000

City / Town: Gt. Barrington

PWS Name: Great Barrington Fire District

PWS Class: COM NTNC TNC

| DEP LOCATION (LOC) ID# | DEP Location Name | Sample Information <small>*Please note all samples are considered representative of finished water if there is no treatment applied.</small> | Date Collected | Collected By |
|--|--|---|----------------|--|
| 10000 | Point of Entry Post Green River PH 01G | <input checked="" type="checkbox"/> (M)ultiple <input checked="" type="checkbox"/> (S)ingle <input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished | 08/11/2020 | Erick Bartlett |
| Routine or Special Sample | | If Resubmitted, list below | | |
| <input checked="" type="checkbox"/> RS <input type="checkbox"/> SS <input type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation | | (1) Reason for Resubmission | | (2) Collection Date of Original Sample |
| | | <input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction | | |
| SAMPLE NOTES - (Such as, if a Manifold/Multiple sample, list the sources that were on-line during sample collection). | | | | |

II. ANALYTICAL LABORATORY INFORMATION

Primary Lab MA Cert. #: M-MA1146 Primary Lab Name: Microbac Laboratories, Inc., Lee Subcontract? (Y/N) Y

| Contaminant | Result (mg/L) | MCL (mg/L) | MDL (mg/L) | Lab Method | Date Analyzed | Analysis Lab MA Cert # | Analysis Lab Name | Lab Sample # |
|-----------------------|---------------|------------|------------|---------------------------------------|---------------|------------------------|--|--------------|
| Antimony | <0.0010 | 0.0060 | 0.0010 | EPA 200.8, Rv. 5.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Arsenic | <0.0040 | 0.0100 | 0.0040 | EPA 200.8, Rv. 5.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Barium | 0.0065 | 2.00 | 0.0051 | EPA 200.8, Rv. 5.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Beryllium | <0.0010 | 0.0040 | 0.0010 | EPA 200.8, Rv. 5.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Cadmium | <0.0010 | 0.0050 | 0.0010 | EPA 200.8, Rv. 5.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Chromium | <0.0010 | 0.100 | 0.0010 | EPA 200.8, Rv. 5.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Cyanide - Total | <0.0100 | 0.200 | 0.0100 | SM 4500-CN ⁻ C plus F-1999 | 08/17/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Fluoride ¹ | <0.200 | 4.00 | 0.200 | SM 4500-F ⁻ C-1997 | 08/13/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Mercury ² | <0.00020 | 0.00200 | 0.00020 | EPA 245.2 | 08/13/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Nickel | <0.0010 | | 0.0010 | EPA 200.8, Rv. 5.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Selenium | <0.0051 | 0.0500 | 0.0051 | EPA 200.8, Rv. 5.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Sodium | 15.5 | | 1.02 | EPA 200.7, Rv. 4.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |
| Thallium | <0.0010 | 0.0020 | 0.0010 | EPA 200.8, Rv. 5.4 (1994) | 08/14/2020 | M-CT008 | Microbac Laboratories, Inc. - Davville | L0H0243-01 |

¹ Fluoride also has a secondary MCL of 2.0 mg/L. Community water systems which exceed this limit must provide public notice pursuant to 310 CMR 22.16.
² Please note that if method 245.1 is used for mercury, only method revision 3.0 will be accepted by MA DEP.
 - No current MCL, however DEP Office of Research and Standards has established a guideline (ORSG) limit for this contaminant.

| | |
|---|---|
| Was this Sample Composited by the Lab? Yes <input type="checkbox"/> | COMPOSITE SAMPLE NOTES List the composited sources by DEP Source Code (XXXXX-XXX), up to five individual sources per sample. |
| LAB SAMPLE NOTES | |

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: *B. Wain*
 Date: 9/8/2020

If not submitting 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 | <input type="checkbox"/> WQTS Data Entered |
| <input type="checkbox"/> Accepted <input type="checkbox"/> Disapproved | | |