

**Aldersgate Data - Finished Water Entering Salem's Drinking Water System**

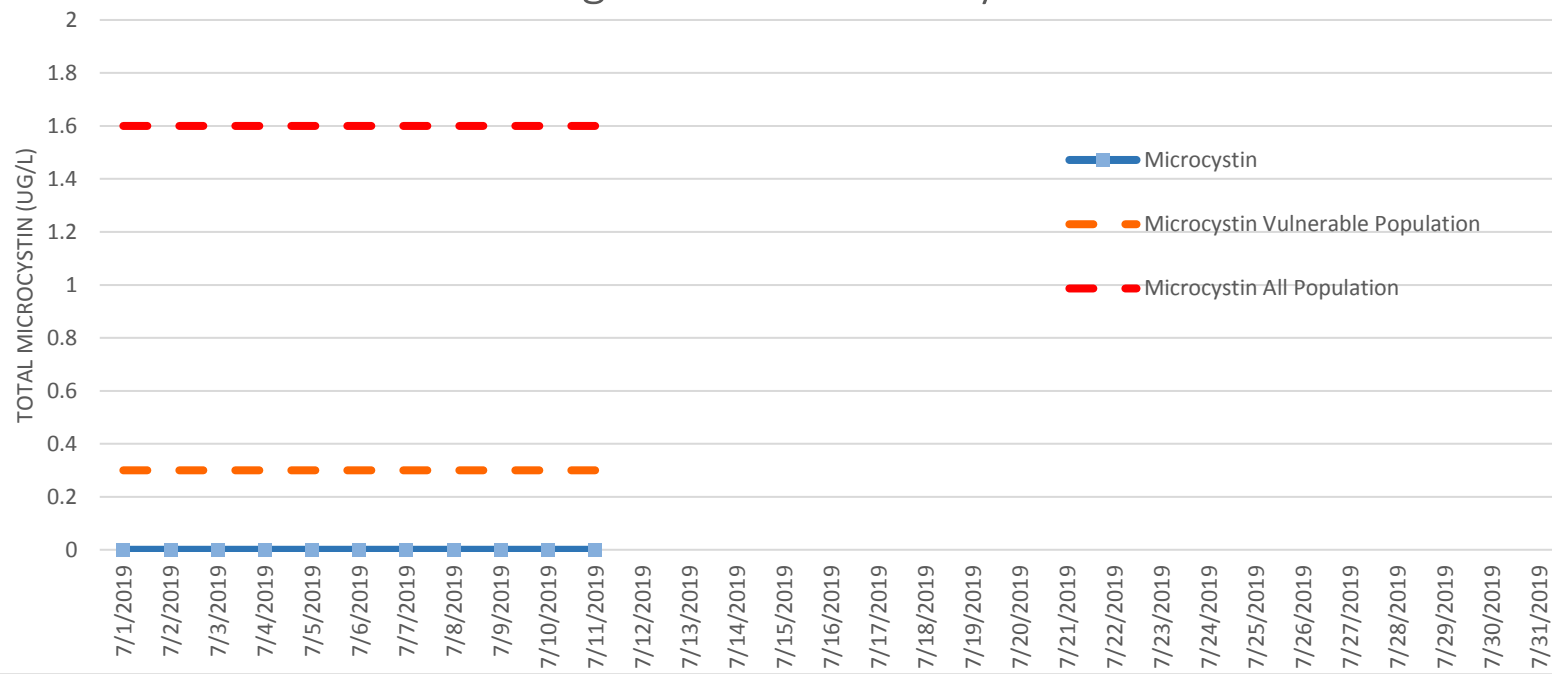
| <u>Sample Date</u> | <b>Microcystin</b>                                       |   |  |  | <b>Cylindrospermopsin</b>                             |  |  |  | <b>Is there an advisory?</b> |
|--------------------|--|---|--|--|---|--|--|--|------------------------------|
|                    | <u>Lab Reported Concentration</u> <sup>1</sup><br>(µg/L) | <u>Minimum Reporting Level</u> <sup>2</sup><br>(µg/L) | <u>Health Advisory Level</u><br><u>Vulnerable Population</u><br>(µg/L) | <u>Health Advisory Level</u><br><u>All Population</u> (µg/L) | <u>Lab Reported Concentration</u> <sup>1</sup> (µg/L) | <u>Minimum Reporting Level</u> <sup>2</sup> (µg/L) | <u>Health Advisory Level</u><br><u>Vulnerable Population</u><br>(µg/L) | <u>Health Advisory Level</u><br><u>All Population</u> (µg/L) |                              |
| 7/1/2019           | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/2/2019           | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/3/2019           | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/4/2019           | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/5/2019           | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/6/2019           | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/7/2019           | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/8/2019           | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/9/2019           | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/10/2019          | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |
| 7/11/2019          | Below Detection Limit                                    | 0.15  | 0.3  | 1.6  | Below Detection Limit                                 | 0.05   | 0.7  | 3  | No                           |

<sup>1</sup>The Lab Reported Concentration is a non-detect when the data concentration is less than the minimum reporting level. The unit µg/L is the same as micrograms per liter of water.

<sup>2</sup>The Minimum Reporting Level (RL)—is the lowest concentration at which an analyte - Microcystin or Cylindrospermopsin - can be detected in a sample and its concentration can be reported with a reasonable degree of accuracy and precision.

For more about cyanotoxins and drinking water advisories in Salem, visit: <https://cityofsalem.net/water-advisory>

### Aldersgate - Total Microcystin



### Aldersgate - Cylindrospermopsin

