

| Aldersgate Data - Finished Water Entering Salem's Drinking Water System |                                                   |                                      |                               |                       |                                                |                                      |                              |                       |                       |
|-------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------|-------------------------------|-----------------------|------------------------------------------------|--------------------------------------|------------------------------|-----------------------|-----------------------|
| Sample Date                                                             | Microcystin                                       |                                      |                               |                       | Cylindrospermopsin                             |                                      |                              |                       | Is there an advisory? |
|                                                                         | Lab Reported Concentration <sup>1</sup><br>(µg/L) | Minimum Reporting Level <sup>2</sup> | Health Advisory Level         | Health Advisory Level | Lab Reported Concentration <sup>1</sup> (µg/L) | Minimum Reporting Level <sup>2</sup> | Health Advisory Level        | Health Advisory Level |                       |
|                                                                         |                                                   | (µg/L)                               | Vulnerable Population ( µg/L) | All Population (µg/L) |                                                | (µg/L)                               | Vulnerable Population (µg/L) | All Population (µg/L) |                       |
| 8/1/2019                                                                | Below Detection Limit                             | 0.15                                 | 0.3                           | 1.6                   | Not Analyzed <sup>3</sup>                      | 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.

<sup>3</sup>Cylindrospermopsin has not been detected this algal season. Beginning July 15, 2019, cylindrospermosin analyses will be done weekly rather than daily.

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

