

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

Sample Date	Microcystin				Cylindrospermopsin				Is there an advisory?
	Lab Reported Concentration ¹ ($\mu\text{g/L}$)	Minimum Reporting Level ² ($\mu\text{g/L}$)	Health Advisory Level Vulnerable Population ($\mu\text{g/L}$)	Health Advisory Level All Population ($\mu\text{g/L}$)	Lab Reported Concentration ¹ ($\mu\text{g/L}$)	Minimum Reporting Level ² ($\mu\text{g/L}$)	Health Advisory Level Vulnerable Population ($\mu\text{g/L}$)	Health Advisory Level All Population ($\mu\text{g/L}$)	
6/3/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/4/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/5/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/6/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/7/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/10/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/11/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/12/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/13/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/14/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
6/15/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No

¹The Lab Reported Concentration is a non-detect when the data concentration is less than the minimum reporting level. The unit $\mu\text{g/L}$ is the same as micrograms per liter of water.

²The 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.



