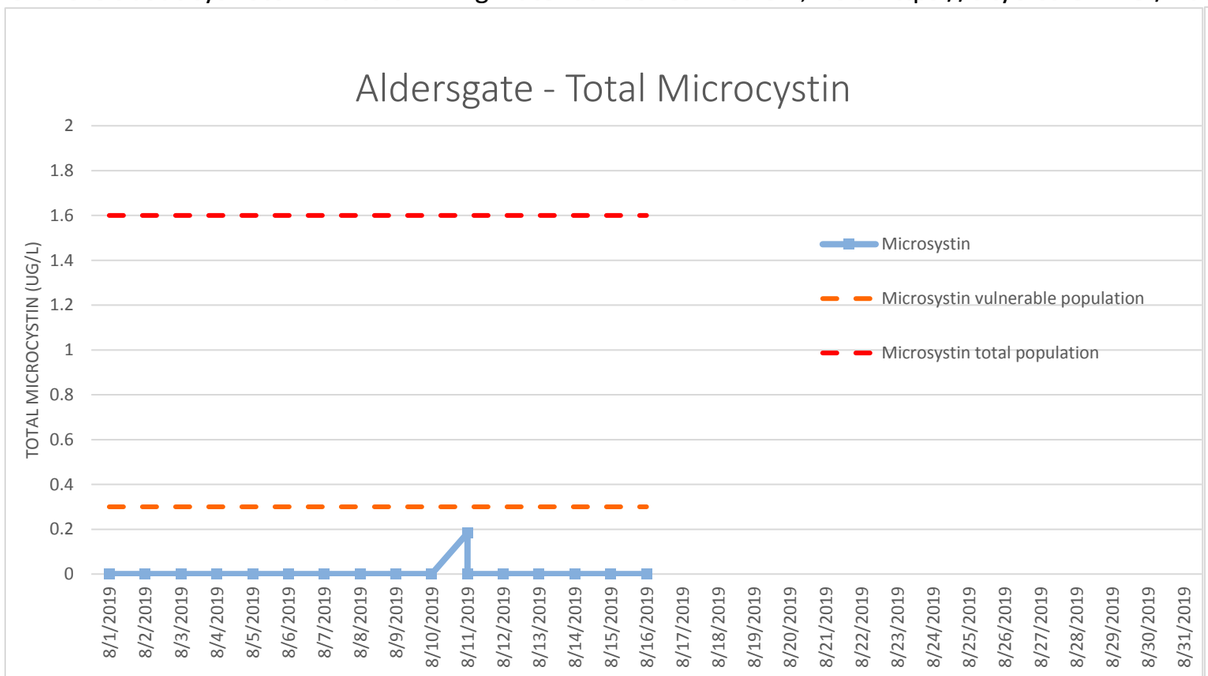
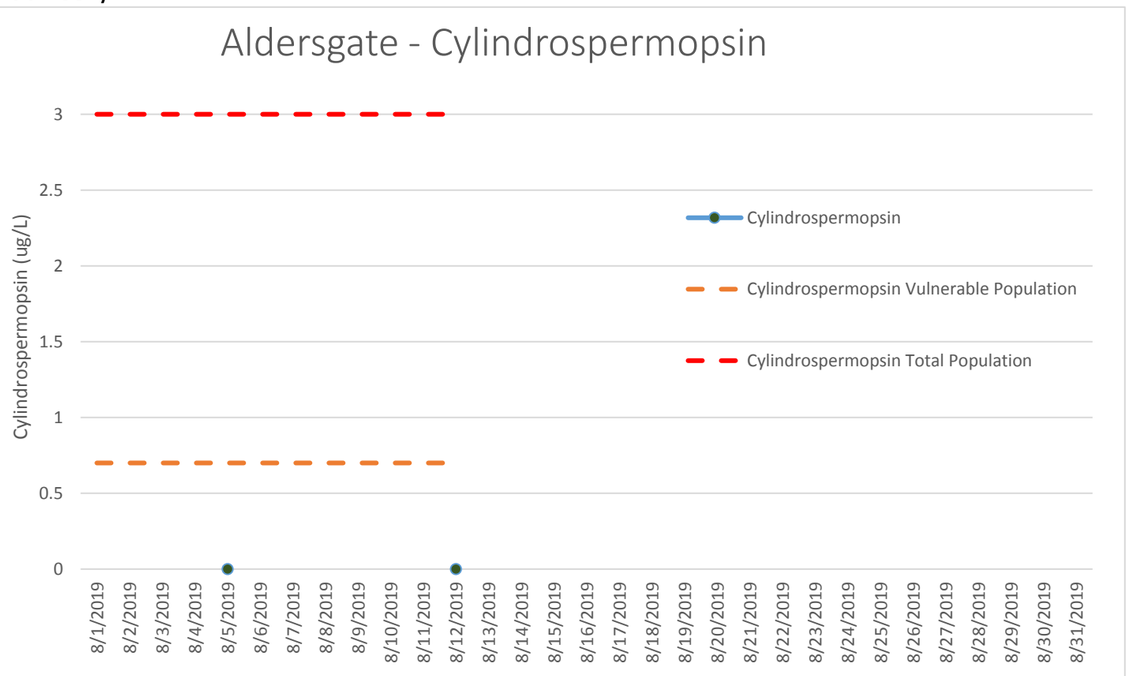
Aldersgate Data - Finished Water Entering Salem's Drinking Water System

Sample Date	Microcystin				Cylindrospermopsin				Is there an advisory?
	Lab Reported Concentration [1] (µg/L)	Minimum Reporting Level [2] (µg/L)	Health Advisory Level Vulnerable Population (µg/L)	Health Advisory Level All Population (µg/L)	Lab Reported Concentration [1] (µg/L)	Minimum Reporting Level [2] (µg/L)	Health Advisory Level Vulnerable Population (µg/L)	Health Advisory Level All Population (µg/L)	
8/1/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/2/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/3/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/4/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/5/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
8/6/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/7/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/8/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/9/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/10/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/11/2019	0.183	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/11/2019	Below Detection Limit[4]	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/12/2019	Below Detection Limit	0.15	0.3	1.6	Below Detection Limit	0.05	0.7	3	No
8/13/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/14/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/15/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No
8/16/2019	Below Detection Limit	0.15	0.3	1.6	Not Analyzed[3]	0.05	0.7	3	No

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

[2]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. NOTE: The Oregon Department of Environmental Quality (DEQ), the laboratory used for regulatory compliance, established an MRL value of 0.3 µg/L for Microcystin. This means that the Oregon DEQ lab will report a "Below Detection Limit" for any result less than 0.3 µg/L.

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

[4] The Willow Lake Laboratory reanalyzed the sample collected on August 11, 2019. The second analysis result was below detection limit.

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