

Citizen Water Monitoring Test Averages

Week 8

	Water Temp.		pH	Bacteria	Nitrates	Phosphates	D.O.	D.O. %	Turbidity	Salinity
	°F	°C								
Lafayette	56.3	13.5	7	+	4.7	1	4.3	<50%	0	24.6
Eastern Branch	56.7	13.7	6.3	+	5	2.6	6.7	51-70%	27	13
Southern Branch	57.2	14	6	+	5	1.5	2	<50%	20	16
Western Branch	60.8	16	6.8	+	4.5	2.3	4	<50%	10	22
Overall Averages	57.7 °F	14.3 °C	6.5	Positive	4.8 ppm	1.9 ppm	4.3 ppm	<50%	14.3 JTU	18.9 ppt
Rank	N/A	N/A	Excellent	Poor	Good	Good	Good/Fair	Fair/Poor	Good	N/A

Thank you for helping to monitor the health of the Elizabeth River! Overall the results were good, with the consistent exception of bacteria which is always reported as positive. Dissolved oxygen results vary depending on sampling location, temperature and salinity. To learn more about water quality monitoring and to see live data collected from a continuous water quality monitoring system on the Eastern Branch of the Elizabeth River, visit the link included in the Week 8 PDF below!

Follow this link to see continuous live data collected on the Eastern Branch of the Elizabeth River:
<https://storymaps.arcgis.com/stories/ec0ac9e484f3499ab13edb1b4bd28e01>