

Citizen Water Monitoring Test Averages

Week 2 - March 25th-31st

	Water Temp.		pH	Bacteria	Nitrates	Phosphates	D.O.	D.O. %	Turbidity	Salinity
	°F	°C								
Main Stem	60	16	7	+	5	1	4	41	10	17
Lafayette	68	20	6	+	5	0	0		40	32
Eastern Branch	63	17	7	+	4	1.5	7	71-90	67	17
Southern Branch	60	16	6.5	+	5	1	6	61	20	17
Western Branch	63	17	7	+	5	0.5	5	51-70	10	16.5
Overall Averages	62.8	17.2	6.7	Positive	4.8	0.8	4.4	<50	29.4	19.9
Rank	N/A	N/A	Excellent	Poor	Good	Excellent	Poor/Fair	Poor	Good	N/A

Week 2 showed mixed results throughout the branches and parameters. Bacteria continues to be present in all sample locations. Nitrate and Phosphate results were low which is a good sign that these nutrients were not in elevated concentrations in runoff near the sampling locations. Dissolved oxygen measured at Oppm at the Lafayette Branch sampling location. We will continue to monitor this and all locations as low dissolved oxygen can be a sign of excess runoff and algae growth and is detrimental to aquatic life. Please follow your sampling instructions closely and continue to send in all of your weekly sample data and share any interesting photos or findings!