

**Saco River Basin Water Quality Monitoring Program - 2011 Testing Season**  
**Sampling Site Code TB27 - off Main Street Bridge in Biddeford, ME**

	<u>05/27/11</u>	<u>06/10/11</u>	<u>06/24/11</u>	<u>07/08/11</u>	<u>07/22/11</u>	<u>08/05/11</u>	<u>08/19/11</u>	<u>09/02/11</u>	<u>09/16/11</u>	<u>09/30/11</u>	<u>10/14/11</u>	<u>Average</u>
pH (units)	7.05	7.08	6.80	6.96	6.80	6.79	6.91	6.67	6.95	6.73	6.70	6.86
Temperature (°C)	19.00	19.30	14.20	19.60	26.70	21.00	20.90	20.20	17.00	16.70	13.90	18.95
Turbidity (NTU)	4.50	8.66	25.65	11.80	5.51	3.54	2.34	3.26	9.09	22.60	6.17	9.37
Conductivity	143.80	29.80	81.90	216.10	190.30	150.90	84.20	67.40	136.60	132.20	137.20	124.58
Dissolved Oxygen (mg/L)	7.29 *		8.08	2.27	2.53	5.91	5.06	5.06	2.73	6.89	7.36	5.32
Dissolved Oxygen (% saturation)	79.30 *		78.90	24.75	31.80	65.90	56.30	55.50	28.10	71.40	72.40	56.44
Total Kjeldahl Nitrogen (mg/L)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Phosphorus (ug/L)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Escherichia coli (colonies/100mL)	63.10	1119.90	2419.60	613.10		10.80	365.40	9.70	396.80	2419.60		824.22
Alkalinity (mg/L CaCO3)	28.00						13.00					20.50

**NOTES:**

Thatcher Brook impaired stream segment with high density commercial/industrial development upstream; heavy residential also

\*Meter malfunction

\*\*Heavy rain last 24 hours