

**Saco River Basin Water Quality Monitoring Program - 2011 Testing Season**  
**Sampling Site Code S21 - Public Boat Launch off Front Street in Saco, 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)	6.77	6.82	6.81	6.79	7.02	7.04	6.97	6.76	7.21	6.85	6.83	6.90
Temperature (°C)	15.00	20.40	19.40	23.10	26.20	24.60	23.60	19.90	19.30	18.70	14.50	20.43
Turbidity (NTU)	1.72	1.61	1.70	1.98	1.35	1.30	1.40	52.60	5.33	8.06	6.07	7.56
Conductivity	17.17	21.70	26.50		2.82	32.20	33.30	16.80	21.23	29.90	20.91	22.25
Dissolved Oxygen (mg/L)	10.43	9.00	8.70	8.03	8.41	8.68	7.82	9.71	10.14	8.55	10.00	9.04
Dissolved Oxygen (% saturation)	104.20	100.80	94.40	93.60	104.90	103.80	92.20	105.80	109.40	92.30	99.50	100.08
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
Orthophosphate (ug/L)	0.4						1.60				0.60	1.00
Escherichia coli (colonies/100mL)	275.50	26.20	249.50	43.50		58.80	68.20	137.60	22.80	920.80	167.00	196.99

NOTES:

Both Biddeford and Saco have wastewater treatment plants at or across from this site. Also, the marina with heavy boat traffic and moorings could contribute to high bacteria.