

Saco River Basin Water Quality Monitoring Program - 2004 Season

Sampling Site Code SPB26 - off South Street Bridge in Biddeford, ME

	<u>04/16/04</u>	<u>04/30/04</u>	<u>05/14/04</u>	<u>05/28/04</u>	<u>06/11/04</u>	<u>06/25/04</u>	<u>07/09/04</u>	<u>07/23/04</u>	<u>08/06/04</u>	<u>08/20/04</u>	<u>09/03/04</u>	<u>09/17/04</u>	<u>10/01/04</u>	<u>10/15/04</u>	<u>10/29/04</u>	<u>Average</u>
pH (units)	7.22	7.00	7.05	7.10	7.07	7.06	7.00	7.09	6.92	6.67	7.05	7.07	7.32	7.11	6.78	7.03
Temperature (°C)	5.00	11.00	14.00	13.00	17.00	17.00	17.00	21.00	19.00	19.00	17.00	16.50	12.50	11.00	6.00	14.40
Turbidity (NTU)	19.10	12.60	9.10	14.50	8.62	8.88	348.00		11.60	14.20	9.10	9.56	8.30	5.64	5.89	34.65
Dissolved Oxygen (mg/L)	10.86	10.30	8.74	7.85	7.06	6.89	8.05	6.54	5.96	6.68	7.01	8.75	7.21	7.67	9.13	7.91
Dissolved Oxygen (% saturation)	86.70	93.07	85.40	75.00	72.40	71.40	83.90	74.00	65.70	72.80	72.30	89.70	67.90	69.70	74.20	76.94
Total Kjeldahl Nitrogen (mg/L)	0.81	0.69	0.58	0.82	0.20	0.84	0.72	0.48	0.37	0.41	<0.25	0.27	0.26	<0.25	<0.25	0.54
Total Phosphorus (ug/L)	0.08	0.08	0.03										30.80	22.80	23.50	25.70
Escherichia coli (colonies/100mL)		9.00	11.00	17.00	32.00	84.00	360.00	110.00	80.00	300.00	80.00	95.00	68.00	53.00	22.00	94.36

NOTES:

The first three Total Phosphorus results are reported in mg/L (ppm).

The Total Phosphorus average only incorporates those results reported in ug/L (ppb).