

Saco River Basin Water Quality Monitoring Program - 2004 Season

Sampling Site Code S1 - ME/NH Border along Routes 302 and 113 in Conway, NH

	<u>04/13/04</u>	<u>04/27/04</u>	<u>05/11/04</u>	<u>05/25/04</u>	<u>06/08/04</u>	<u>06/22/04</u>	<u>07/06/04</u>	<u>07/20/04</u>	<u>08/03/04</u>	<u>08/17/04</u>	<u>08/31/04</u>	<u>09/14/04</u>	<u>09/28/04</u>	<u>10/12/04</u>	<u>10/26/04</u>	<u>Average</u>
pH (units)	7.21	6.78	6.81	6.69	6.73	6.96	7.17	6.85	7.13	6.84	7.18	6.94	7.00	7.05	6.91	6.95
Temperature (°C)	5.50	5.50	9.50	10.30	14.00	17.50	18.50	19.00	22.20	16.50	21.00	14.00	15.00	11.00	7.00	13.77
Turbidity (NTU)	2.50	0.85	0.49	1.49	0.53	0.42	0.54	0.65	0.64	0.61	2.50	0.54	0.46	0.43	0.60	0.88
Dissolved Oxygen (mg/L)	12.74	10.89	10.28	11.58	10.59	8.63	9.24	7.90		10.83	8.40	8.56	9.07	14.13	10.59	10.25
Dissolved Oxygen (% saturation)	101.50	87.40	90.30	103.70	103.40	90.70	99.30	84.90		111.90	94.20	83.60	89.20	129.10	87.60	96.91
Total Kjeldahl Nitrogen (mg/L)	0.93	0.49	0.98	1.20	0.42	0.82	0.20	0.71	0.48	0.84	<0.25	<0.25	<0.25	<0.25	<0.25	0.71
Total Phosphorus (ug/L)	1.20	0.40	0.31						4.70	4.90	30.70	4.00	1.50	2.40	2.10	7.19
Orthophosphate (ug/L)									4.90	2.20	2.10	3.50	2.90	1.60	1.80	2.71
Escherichia coli (colonies/100mL)	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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).