

Saco River Basin Water Quality Monitoring Program - 2004 Season

Sampling Site Code O7 - ME/NH Border off Huntress Bridge Road in Freedom, NH

	<u>04/14/04</u>	<u>04/28/04</u>	<u>05/12/04</u>	<u>05/26/04</u>	<u>06/09/04</u>	<u>06/23/04</u>	<u>07/07/04</u>	<u>07/21/04</u>	<u>08/04/04</u>	<u>08/18/04</u>	<u>09/01/04</u>	<u>09/15/04</u>	<u>09/29/04</u>	<u>10/13/04</u>	<u>10/27/04</u>	<u>Average</u>
pH (units)	6.81	6.49	6.63	6.51	6.77	6.90	6.88	6.94	7.00	6.61	6.88	7.03	6.94	7.14	6.80	6.82
Temperature (°C)	3.50	8.00	15.50	14.50	20.00	20.00	22.50	24.00	25.50	22.00	20.30	19.50	17.50	13.00	8.50	16.95
Turbidity (NTU)	0.71	0.77	0.55	0.78	0.53	0.58	1.01	0.78	0.52	0.56	0.82	0.59	1.04	0.51	0.73	0.70
Dissolved Oxygen (mg/L)	25.26	12.85	9.83	8.33	8.57	7.74	7.17	6.58	6.86	8.34	7.70	7.57	7.92	9.64	11.22	9.71
Dissolved Oxygen (% saturation)	192.60	109.70	97.60	82.00	94.40	86.10	84.20	77.90	83.40	94.70	88.40	82.30	82.60	90.30	97.00	96.21
Total Kjeldahl Nitrogen (mg/L)	0.32	0.20	0.93	2.20	0.73	0.48	0.67	0.89	0.52	0.58	<0.25	<0.25	0.26	<0.25	<0.25	0.71
Total Phosphorus (ug/L)	<0.01	0.17	0.07					5.00	4.50	4.40	4.90	3.90	3.70	2.40	3.40	4.03
Orthophosphate (ug/L)										2.20	1.50	2.20	1.60	1.60	<2.0	1.82
Escherichia coli (colonies/100mL)	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	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).