

Saco River Basin Water Quality Monitoring Program - 2004 Season

Sampling Site Code LO25 - Below Little Ossipee Pond off Chadbourne Ridge Road in Waterboro, ME

	<u>04/15/04</u>	<u>04/29/04</u>	<u>05/13/04</u>	<u>05/27/04</u>	<u>06/10/04</u>	<u>06/24/04</u>	<u>07/08/04</u>	<u>07/22/04</u>	<u>08/05/04</u>	<u>08/19/04</u>	<u>09/02/04</u>	<u>09/16/04</u>	<u>09/30/04</u>	<u>10/14/04</u>	<u>10/28/04</u>	<u>Average</u>
pH (units)	7.03	7.05	6.91	6.89	6.98	6.64	6.59	6.98	7.01	6.88	6.80	6.92	6.64	6.85	7.21	6.89
Temperature (°C)	7.00	11.00	18.00	14.00	19.00	20.50	21.00	24.00	24.50	22.50	21.50	19.50	15.00	13.00	9.50	17.33
Turbidity (NTU)	0.87	0.75	0.77	0.65	0.85	1.53	0.60	1.13	0.95	0.73	0.61	0.86	2.13	0.66	0.40	0.90
Dissolved Oxygen (mg/L)	11.47	10.03	9.21	8.97	8.38	7.78	7.38	7.45	6.77	7.79	7.98	8.90	6.20	9.87	10.15	8.56
Dissolved Oxygen (% saturation)	94.00	90.70	96.80	88.30	93.30	87.90	87.00	89.80	81.20	91.10	89.50	97.10	61.00	92.50	88.80	88.60
Total Kjeldahl Nitrogen (mg/L)		0.20	0.58	1.70	0.20	0.21	0.89	0.62	0.35	0.42	<0.25	<0.25	<0.25	<0.25	<0.25	0.57
Total Phosphorus (ug/L)		0.98	0.08					7.60		16.60	7.00	12.00	9.80	5.90	4.60	9.07
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 two Total Phosphorus results are reported in mg/L (ppm).

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