

Saco River Basin Water Quality Monitoring Program - 2004 Season

Sampling Site Code S24 - Below Watchic Pond Dam off Hi-VU Drive in Standish, ME

	<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>07/08/04</u>	<u>07/22/04</u>	<u>08/03/04</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>10/25/04</u>	<u>Average</u>
pH (units)	7.08	6.53	5.41	6.65	6.83	6.99	6.90	7.09	6.73	6.98	6.91	7.15	6.81	6.79	7.00	6.79
Temperature (°C)	6.00	9.50	15.00	15.00	19.00	20.00	22.50	24.50	25.00	22.00	22.50	20.00	11.50	14.00	11.50	17.20
Turbidity (NTU)	0.72	0.51	0.79	0.95	0.82	0.77	0.95	0.79	0.66	0.52	0.62	0.70	0.66	1.13	0.84	0.76
Dissolved Oxygen (mg/L)	9.85	5.77	10.90	5.56	9.89	8.20	7.49	8.08	6.44	7.75	7.78	6.85	6.41	7.06	9.78	7.85
Dissolved Oxygen (% saturation)	79.90	50.60	109.70	55.90	107.90	91.30	86.10	97.30	78.10	88.60	90.30	75.20	62.90	68.30	90.70	82.19
Total Kjeldahl Nitrogen (mg/L)	1.00	0.41	0.47	0.94	0.28	0.61	0.81	0.67	0.60	0.48	0.26	<0.25	<0.25	<0.25	<0.25	0.59
Total Phosphorus (ug/L)	0.07	0.08	0.16					6.60	7.10	6.20	5.10	7.40	5.90	7.00	7.70	6.63
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).