

Saco River Basin Water Quality Monitoring Program - 2004 Season

Sampling Site Code S19 - Skelton Head Pond off Union Falls Road in Dayton, 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)	6.83	6.20	7.42	7.86	7.19	6.90	6.84	7.08	7.00	6.91	6.90	6.99	6.84	7.03	7.13	7.01
Temperature (°C)	4.50	11.50	16.00	13.00	18.00	21.50	22.00	23.50	23.50	21.50	21.50	19.50	16.50	14.50	9.00	17.07
Turbidity (NTU)	3.21	1.59	1.82	1.55	1.68	1.10	1.87	1.29	1.44	1.07	1.16	1.21	1.11	0.98	0.86	1.46
Dissolved Oxygen (mg/L)	11.55	11.04	9.23	10.65	13.53	8.07	8.32	7.84	7.48	7.84	8.21	8.79	8.90	9.18	10.15	9.39
Dissolved Oxygen (% saturation)	89.30	100.20	92.70	102.10	147.60	91.30	96.20	91.90	89.30	91.00	91.50	97.70	92.40	91.30	87.80	96.82
Total Kjeldahl Nitrogen (mg/L)	0.27	0.41	0.20	0.52	0.47	0.62	0.84	0.30	0.51	0.51	0.26	<0.25	<0.25	<0.25	<0.25	0.45
Total Phosphorus (ug/L)	0.41	0.17	0.07					7.50	7.90	6.60	7.80	12.70	5.40	6.35	7.10	7.67
Escherichia coli (colonies/100mL)		17.00	10.00	21.00	23.00	37.30	23.90	25.40	52.60	23.70	70.38	6.30	4.00	0.00	1.00	24.28

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).