

Saco River Basin Water Quality Monitoring Program - 2004 Season

Sampling Site Code LO14 - off Silver Lane in Limerick, 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)	6.33	7.02	6.75	6.69	6.87	6.27	6.66	6.98	6.87	6.78	6.89	6.87	6.99	6.78	6.75	6.77
Temperature (°C)	5.00	9.50	17.00	11.50	21.00	20.00	23.00	24.00	24.50	20.50	21.00	18.00	14.00	11.00	7.00	16.47
Turbidity (NTU)	5.23	1.10	1.22	0.92	1.13	2.75	1.93	5.30	1.69	1.53	1.31	3.11	4.53	2.18	2.10	2.40
Dissolved Oxygen (mg/L)	12.36	10.83	10.70	9.54	8.00	8.40	7.18	7.20		6.92	6.93	7.85	8.40	8.62	10.00	8.78
Dissolved Oxygen (% saturation)	97.70	96.60	113.70	87.30	90.70	93.50	83.30	85.60		77.60	77.90	83.20	81.00	77.60	85.80	87.96
Total Kjeldahl Nitrogen (mg/L)	0.84	0.87	0.87	2.10	0.62	0.41	1.07	0.80	0.82	0.39	0.28	0.44	0.34	<0.25	<0.25	0.76
Total Phosphorus (ug/L)	0.09	0.08	0.04					29.70	11.30	13.40	14.60	18.70	16.20	9.00	17.70	11.89
Escherichia coli (colonies/100mL)	17.90	13.00	0.00	28.00	15.40	16.00	22.00	27.00	0.00	38.40	177.40	0.00	2.00	2.00	0.00	23.94

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).