

Saco River Basin Water Quality Monitoring Program - 2007 Testing Season
Sampling Site Code LO11 - ME/NH Border off Whitehouse Road in Wakefield, NH

	<u>04/12/07</u>	<u>04/26/07</u>	<u>05/10/07</u>	<u>05/24/07</u>	<u>06/07/07</u>	<u>06/21/07</u>	<u>07/05/07</u>	<u>07/19/07</u>	<u>08/02/07</u>	<u>08/16/07</u>	<u>08/30/07</u>	<u>09/13/07</u>	<u>09/27/07</u>	<u>10/11/07</u>	<u>10/25/07</u>	<u>Average</u>
pH (units)			6.72	8.05	7.05	7.05	6.71	6.80	6.54	6.84	7.10	7.18	7.52	6.77		7.03
Temperature (°C)			17.60	15.70	18.50	22.00	21.90	23.40	27.00	23.50	25.40	19.50	20.90	17.40		21.07
Turbidity (NTU)			0.79	0.65	1.97	0.85	0.76	0.66	1.12	2.14	0.81	1.12	0.67	0.73		1.02
Dissolved Oxygen (mg/L)			8.38	6.86	10.01		9.00	7.55	6.37		8.95	9.55	7.98	8.01		8.27
Dissolved Oxygen (% saturation)			90.40	68.95	106.65		101.90	88.60	79.50		109.00	104.20	92.30	83.80		92.53
Total Kjeldahl Nitrogen (mg/L)			0.25	0.25	0.37	0.25	0.25	0.25		0.25	0.33	0.28	0.25	0.25		0.27
Total Phosphorus (ug/L)				6.00		8.80	9.70	10.40	6.10	5.20	12.70	6.90	4.60	7.00		7.74
Orthophosphate (ug/L)			5.2	2.2	25.2		9.70	3.30	5.40	5.60	34.30	4.80	9.80	12.10		
Escherichia coli (colonies/100mL)			1.00	1.00	10.00	62.26	2.06	3.52	2.42	1.20	1.50	9.60	1.00	1.00		8.05

NOTES: DO results invalid due to meter or volunteer error

10.60
121.30