

Saco River Basin Water Quality Monitoring Program - 2012 Testing Season
Sampling Site Code S23 - Below Hiram Dam off River Road in Hiram, ME

	<u>05/16/12</u>	<u>05/30/12</u>	<u>06/13/12</u>	<u>06/27/12</u>	<u>07/11/12</u>	<u>07/25/12</u>	<u>08/08/12</u>	<u>08/22/12</u>	<u>09/05/12</u>	<u>09/19/12</u>	<u>10/03/12</u>	<u>Average</u>
pH (units)	6.99	6.54	7.22	6.65	6.81	6.80	7.14	6.84	6.76	6.79	6.86	6.85
Temperature (°C)	15.50	18.70	18.81	19.40	22.80	24.10	24.70	22.80	20.50	17.45	14.70	19.95
Turbidity (NTU)	3.07	3.51	3.42	2.53	2.00	1.34	1.50	3.16	2.35	1.15	2.07	2.37
Conductivity	17.93	17.81	15.32	19.37	20.33	27.50	26.40	20.13	27.00	24.86	19.46	21.46
Dissolved Oxygen (mg/L)	9.62	8.59	9.42	9.60	8.34	8.40	8.46	8.19	7.40	9.45	9.44	8.81
Dissolved Oxygen (% saturation)	98.40	93.60	101.90	106.70	97.15	101.50	102.50	95.00	83.80	100.00	93.30	97.62
Total Kjeldahl Nitrogen (mg/L)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Phosphorus (ug/L)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Escherichia coli (colonies/100mL)	15.80	387.30	20.00	238.20	12.20	17.90	17.00	137.40	21.30	8.60		87.57

NOTES:
aeration may be a factor in elevated DO