

**Saco River Basin Water Quality Monitoring Program - 2011 Testing Season**  
**Sampling Site Code S23 - Below Hiram Dam off River Road in Hiram, ME**

	<u>05/27/11</u>	<u>06/10/11</u>	<u>06/24/11</u>	<u>07/08/11</u>	<u>07/22/11</u>	<u>08/03/11</u>	<u>08/19/11</u>
pH (units)	6.62	6.80	6.93	6.94	7.17	7.60	7.19
Temperature (°C)	13.70	20.20	22.00	23.00	24.40	24.20	20.70
Turbidity (NTU)	2.01	1.64	1.21	1.65	0.93	0.79	0.84
Conductivity	14.35	20.80	23.00	21.47	26.20	29.00	30.40
Dissolved Oxygen (mg/L)	10.99	8.67	8.55	8.05	8.41	8.63	8.99
Dissolved Oxygen (% saturation)	108.00	97.60	99.20	95.60	102.40	105.20	101.50
Total Kjeldahl Nitrogen (mg/L)	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
Escherichia coli (colonies/100mL)	9.80	16.40	27.20	18.30	21.90	25.30	46.92

NOTES:

\*

DO is relatively high for 24.+ degrees but was attributed to extreme aeration of water flowing over the dam

\*\*Hurricane Irene - Water extremely high.  
 4 days ago

<u>09/02/11</u>	<u>09/14/11</u>	<u>09/29/11</u>	<u>10/14/11</u>	<u>Average</u>
6.50	6.91	7.04	6.75	6.95
18.60	19.30	19.00	14.00	19.92
120.50	13.20	5.81	6.20	14.07
11.84	18.91	21.18	16.86	21.27
9.20	9.33	9.35	10.29	9.13
99.20	103.20	101.70	100.40	101.27
n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a
770.10	9.80	35.90	11.00	90.24

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