

**Saco River Basin Water Quality Monitoring Program - 2011 Testing Season**  
**Sampling Site Code O7 - ME/NH Border off Huntress Bridge Road in Freedom, NH**

	<u>05/25/11</u>	<u>06/08/11</u>	<u>06/22/11</u>	<u>07/06/11</u>	<u>07/20/11</u>	<u>08/03/11</u>	<u>08/17/11</u>	<u>08/31/11</u>	<u>09/14/11</u>	<u>09/28/11</u>	<u>10/12/11</u>	<u>Average</u>
pH (units)	6.79	6.94	6.99	7.18	7.30	7.21	7.49	6.95	7.23	7.33	7.08	7.14
Temperature (°C)	14.30	21.65	23.15	24.85	24.70	25.15	22.15	20.70	22.00	20.60	15.70	21.36
Turbidity (NTU)	0.70	0.61	0.57	0.89	0.66	0.49	0.68	1.46	0.75	0.77	0.90	0.77
Conductivity	17.40	20.28	20.65	22.40	22.30	24.00	22.70	20.99	21.57	19.41	22.40	8.30
Dissolved Oxygen (mg/L)	10.01	8.90	8.06	8.01	7.69	7.53	8.06	8.22	7.97	8.05	8.76	8.30
Dissolved Oxygen (% saturation)	98.90	102.75	94.90	98.20	94.70	93.00	93.15	92.00	92.70	90.05	88.30	94.42
Total Kjeldahl Nitrogen (mg/L)	0.25											0.25
Total Phosphorus (ug/L)	8.70						6.60				9.20	8.17
Orthophosphate (ug/L)	0.9						1.10				3.40	1.00
Escherichia coli (colonies/100mL)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

NOTES:

\*Rained all prior week, water high and fast

\*\*Water level down, some foam

\*\*\*Hurricane Irene - Water extremely high.

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