

Saco River Basin Water Quality Monitoring Program - 2011 Testing Season
Sampling Site Code S2 - Westons Beach along Route 113 in Fryeburg, ME

	<u>05/24/11</u>	<u>06/07/11</u>	<u>06/21/11</u>	<u>07/05/11</u>	<u>07/19/11</u>	<u>08/02/11</u>	<u>08/16/11</u>	<u>08/30/11</u>	<u>09/13/11</u>	<u>09/27/11</u>	<u>10/11/11</u>	<u>11/09/11</u>	<u>11/30/11</u>	<u>12/20/11</u>	<u>01/05/12</u>	<u>1/18/2012</u>	Average
pH (units)	6.46	6.67	6.77	7.01	6.99	7.26	7.05	6.24	6.74	6.90	7.01	6.55	6.96	6.65	6.79	6.83	6.81
Temperature (°C)	9.60	16.40	18.30	18.50	20.80	22.40	17.90	15.90	15.60	17.00	12.60	8.00	7.10	1.00	0.00	0.50	12.60
Turbidity (NTU)	1.09	0.98	0.53	0.61	2.11	0.70	0.92	39.80	1.76	1.61	2.21	0.85	158.00	0.91	1.35	1.23	13.42
Conductivity	16.30					39.70			23.90	26.00	21.90	22.30	9.63	21.07	22.30	24.80	
Dissolved Oxygen (mg/L)	10.99	9.21	8.90	8.65	8.09	7.48	8.56	8.93	9.05	8.90	9.88	11.13	11.28	13.44	13.39	12.59	10.03
Dissolved Oxygen (% saturation)	99.30	95.20	95.70	93.80	92.50	88.90	92.10	91.00	93.10	93.70	94.00	95.30	95.80	95.60	94.60	90.00	93.79
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
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
Escherichia coli (colonies/100mL)	7.50	15.80	38.40	92.90	29.40	25.50	152.90	260.30	32.70	41.00	18.70						65.01
Alkalinity (mg/L CaCO3)	5.00						7.20				5.80						6.00

NOTES:
 *Hurricane Irene - Water extremely high.
 red = out of normal range due to heavy rain