

Saco River Basin Water Quality Monitoring Program - 2011 Testing Season
Sampling Site Code O8 - Below Kezar Falls Village off Powerhouse Road in Parsonsfield, ME

	<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)	6.68	6.92	6.98	7.16	7.31	7.53	7.12	6.96	7.04	7.09		7.08
Temperature (°C)	14.55	20.00	22.15	23.60	24.70	24.55	22.05	20.75	21.20	19.90		21.35
Turbidity (NTU)	0.63	0.58	0.74	0.55	0.85	0.49	0.83	1.37	0.89	0.55		0.75
Conductivity	17.77	20.59	22.40	23.45	22.20	25.25	23.10	21.25	21.53	20.61		8.45
Dissolved Oxygen (mg/L)	9.88	8.65	8.41	8.17	8.11	7.75	8.41	8.49	8.32	8.32		8.45
Dissolved Oxygen (% saturation)	98.05	96.90	97.05	98.00	99.60	93.60	97.05	95.00	94.90	91.65		96.18
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)	6.30	80.90	127.40	70.50	21.10	26.90	95.90	69.70	31.50	5.20	***	53.54
Alkalinity (mg/L CaCO3)	5.00											5.00

NOTES:

*Water low and slow

**Hurricane Irene - Water extremely high.

***Water lowered, no sampling this week.