

Saco River Basin Water Quality Monitoring Program - 2011 Testing Season
Sampling Site Code OCS4-A - off Route 5 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>10/10/11</u>	<u>11/09/11</u>	<u>11/30/11</u>	<u>12/20/11</u>	<u>Average</u>
pH (units)	6.21	6.39	6.65	6.82	6.61		6.79	5.91	6.43	6.79	6.76	6.50	6.60	6.65	6.55
Temperature (°C)	12.30	19.30	20.50	22.20	24.20	24.20	20.00	18.10	19.10	18.90	13.80	7.20	5.50	1.00	16.16
Turbidity (NTU)	1.71	17.15	5.58	1.38	1.25	1.04	1.82	11.20	2.14	1.26	1.77	1.29	1.64	1.90	3.65
Conductivity	10.96							8.17	14.41	14.83	17.32	16.21	14.28	16.50	
Dissolved Oxygen (mg/L)	8.47	7.74	7.71	7.37	6.14	6.00	6.43	6.16	6.43	6.93	7.92	10.10	10.93	12.37	7.91
Dissolved Oxygen (% saturation)	81.35	84.70	85.80	86.10	74.20	77.10	72.00	66.10	70.30	75.40	76.70	84.20	88.40	88.70	79.36
Total Kjeldahl Nitrogen (mg/L)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.29	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Alkalinity								5.00							5.00
Total Phosphorus (mg/L)	10.60	n/a	n/a	n/a	n/a	n/a	n/a	39.20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Orthophosphate	0.70							1.80							1.25
Escherichia coli (colonies/100mL)	43.90	40.80	13.10	186.00	44.10	260.30	52.10		45.20	31.80	34.50				75.18

NOTES:

*Hurricane Irene - Water extremely high.

highlighted red = out of normal expected range