

Saco River Basin Water Quality Monitoring Program - 2011 Testing Season
Sampling Site Code OCS4-B - 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>10/11/11</u>	<u>Average</u>
pH (units)	6.21	6.43	6.63	6.79	6.54	7.17	6.77	~	6.38	6.79	6.75	6.65
Temperature (°C)	12.40	19.20	21.00	22.20	23.40	23.90	20.20		19.10	18.60	14.40	19.44
Turbidity (NTU)	2.02	2.51	1.80	1.64	1.69	1.32	1.30		4.66	2.95	4.63	2.45
Conductivity	10.84								14.41	14.98	17.04	
Dissolved Oxygen (mg/L)	8.55	7.62	7.83	7.16	6.19	6.52	7.00		6.45	7.29	7.95	7.26
Dissolved Oxygen (% saturation)	82.20	83.60	87.20	84.10	72.90	79.50	78.80		70.50	78.20	77.80	79.48
Total Kjeldahl Nitrogen (mg/L)	0.25										0.37	0.25
Alkalinity	5.00										5.80	5.00
Escherichia coli (colonies/100mL)	39.90	61.60		123.40	46.50	45.00	59.40		36.80	21.60	16.00	50.02
Total Phosphorus (ug/L)	13										31.7	22.35
Orthophosphate (ug/L)	0.9										1	0.9

Notes:

~ Road closed due to high water from Hurricane Irene

old course saco river has no significant flow or contribution other than groundwater/stormwater
 10,000 acres of farmland up stream of and surrounding the old course.