

Saco River Basin Water Quality Monitoring Program - 2009 Testing Season
Sampling Site Code OCS4-C - off Route 5 in Fryeburg, ME

	<u>05/19/09</u>	<u>06/02/09</u>	<u>06/16/09</u>	<u>06/30/09</u>	<u>07/14/09</u>	<u>07/28/09</u>	<u>08/11/09</u>	<u>08/25/09</u>	<u>09/08/09</u>	<u>09/22/09</u>	<u>Average</u>
pH (units)		6.39			6.36	6.30	6.46	6.24	6.46	6.40	6.37
Temperature (°C)		15.20	17.70	19.50	20.90	22.30	21.70	18.20	14.30		18.73
Turbidity (NTU)		1.22	5.65	1.44	1.36	1.79	1.79	1.61	1.57		2.05
Conductivity		7.69	17.70	8.08	7.98	8.69	7.42	10.10	10.95		
Dissolved Oxygen (mg/L)		7.66	6.66	6.17	6.22	6.05	5.60	7.09	7.95		6.68
Dissolved Oxygen (% saturation)		76.90	71.90	68.50	71.00	71.40	64.50	76.30	78.30		72.35
Total Kjeldahl Nitrogen (mg/L)		0.25			0.25	0.25	0.25	0.67	0.25	0.25	0.25
Alkalinity		5.00			6.00	5.50	5.80	5.00	6.40	6.60	
Escherichia coli (colonies/100mL)		86.00			54.40	101.40	79.40	137.60	113.70	93.30	95.11
Total Phosphorus (ug/l)		11.7			28	22.6	14	18.6	22.1	13.4	
Orthophosphate (ug/l)		4.3			10.7	n/a	8.1	12.6	4.7	5.1	

Notes:

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*high water - lots of rain