

Saco River Basin Water Quality Monitoring Program - 2009 Testing Season
Sampling Site Code OCS4-B - 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>
pH (units)		6.62	6.51	6.31	6.34	6.39	6.48
Temperature (°C)		15.40	15.50	15.00	19.80	21.00	21.80
Turbidity (NTU)		1.42	1.86	6.54	1.51	1.71	1.72
Conductivity		9.19	7.79	15.00	8.10	8.04	8.72
Dissolved Oxygen (mg/L)		8.22	7.82	9.03	6.37	6.38	6.45
Dissolved Oxygen (% saturation)		84.00	79.10	92.10	71.10	73.00	75.50
Total Kjeldahl Nitrogen (mg/L)		0.25	0.72	0.25	0.25	0.25	0.25
Alkalinity		5.00	5.00	5.00	5.60	5.20	5.90
Escherichia coli (colonies/100mL)		30.50	81.30	727.00	93.40	99.00	67.00
Total Phosphorus (ug/L)		12.5	20.5	44.1	44.1	20.5	11.7
Orthophosphate (ug/L)		1.3	4.2	3.9	2.9	n/a	5

Notes:

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*high water - lots of rain

<u>08/25/09</u>	<u>09/08/09</u>	<u>09/22/09</u>	<u>Average</u>
6.30	6.68	6.47	6.46
21.90	17.70	14.20	18.03
1.95	1.84	1.81	2.26
7.56	10.20	11.13	
5.91	7.59	8.09	7.32
68.40	80.80	79.60	78.18
0.62	0.25	0.25	n/a
5.20	6.60	6.60	n/a
105.00	179.30	34.50	157.44
18.2	12.2	10.4	
4.1	3.3	8	