

Saco River Basin Water Quality Monitoring Program - 2008 Testing Season
Sampling Site Code OCS4-C - off Route 5 in Fryeburg, ME

	<u>04/15/08</u>	<u>04/29/08</u>	<u>05/13/08</u>	<u>05/27/08</u>	<u>06/10/08</u>	<u>06/24/08</u>	<u>07/08/08</u>
pH (units)			6.57	6.46	6.51	6.46	6.60
Temperature (°C)			13.90	16.90	22.50	18.10	23.30
Turbidity (NTU)			1.71	2.21	6.60	2.50	2.86
Dissolved Oxygen (mg/L)			8.29	7.63	7.77	7.34	6.27
Dissolved Oxygen (% saturation)			81.30	78.35	89.60	77.50	73.40
Total Kjeldahl Nitrogen (mg/L)			0.25	0.78	0.25	0.25	0.39
Alkalinity			6.00	8.60	9.40	6.60	8.40
Escherichia coli (colonies/100mL)			14.80	41.00	63.10	206.40	31.10
Total Phosphorus (ug/l)				15.4	16.7	17.9	12.7
Orthophosphate (ug/l)				4.1	7.3	3.3	2.9

Notes:

<u>07/22/08</u>	<u>08/05/08</u>	<u>08/19/08</u>	<u>09/02/08</u>	<u>09/16/08</u>	<u>09/30/08</u>	<u>10/14/08</u>	<u>Average</u>
6.46	6.14	6.21	6.59	6.66	6.21	6.56	6.45
21.20	20.20	20.50	19.30	17.60	16.20	12.80	18.54
1.72	2.34	2.32	1.84	1.64	1.31	1.11	2.35
6.36	6.77	5.85	6.82	7.47	7.76	8.02	7.20
71.70	74.70	64.90	73.80	78.20	78.80	75.80	76.50
0.25	0.34	0.40	0.25	0.25	0.25	0.25	n/a
6.90	7.10	7.00	8.50	7.80	5.00	7.30	
191.80	67.00	43.90	84.20	151.50	198.90	70.60	97.03
13.5	14.5	14.2	11.4	7.4	11.8	10.9	
2.9	3.9	3	4.3	3.5	3.6	3.9	