

**Saco River Basin Water Quality Monitoring Program - 2013 Testing Season**  
**Sampling Site Code OCS4-B - off Route 5 in Fryeburg, ME**

	<u>05/14/13</u>	<u>05/28/13</u>	<u>06/11/13</u>	<u>06/25/13</u>	<u>07/09/13</u>	<u>07/23/13</u>	<u>08/06/13</u>	<u>08/20/13</u>	<u>09/03/13</u>	<u>09/18/13</u>	<u>Average</u>
pH (units)	6.59	6.54	6.58	6.55	6.21		6.53	6.35	6.45	6.44	6.47
Temperature (°C)	14.50	13.80	18.80	23.00	23.50	23.10	19.70	21.00	22.10	15.30	19.48
Turbidity (NTU)	5.20	3.97	1.83	1.41	1.99	2.31	2.17	1.37	4.31	1.82	2.64
Conductivity	13.04	10.14	13.07	14.43	14.67	15.68	15.99	14.97	12.81	12.96	13.78
Dissolved Oxygen (mg/L)	7.71	8.55	7.63	6.67	5.78	5.94	7.27	6.99	6.36	7.90	7.08
Dissolved Oxygen (% saturation)	76.40	82.90	83.20	79.00	68.70	70.45	80.00	79.40	74.20	78.60	77.29
Total Kjeldahl Nitrogen (mg/L)	0.78	0.32	0.25	0.40	0.36		0.70			0.25	0.44
Alkalinity	6.30	5.00	6.00	6.80			10.00		6.20	17.00	8.19
Escherichia coli (colonies/100mL)	14.80	78.90	248.10	50.40	41.40		21.30	17.30	410.60	33.10	101.77
Total Phosphorus (ug/L)		0.1					0.1	0.1	0.1	0.1	0.1
Orthophosphate (ug/L)		0.05			0.46		0.05		0.36	0.054	0.1948

Notes:

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\*a lot of rain this a.m., saw ducks, geese and field runoff

\*\*heavy rain last 48 hours