

Saco River Basin Water Quality Monitoring Program - 2007 Testing Season
Sampling Site Code OCS4-C - off Route 5 in Fryeburg, ME

| | <u>4/10/2007</u> | <u>04/24/07</u> | <u>05/08/07</u> | <u>05/22/07</u> | <u>06/05/07</u> | <u>06/19/07</u> | <u>07/03/07</u> |
|-----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| pH (units) | | | 6.36 | 6.97 | 5.75 | 6.35 | 6.86 |
| Temperature (°C) | | | 11.80 | 12.95 | 15.10 | 19.70 | 18.35 |
| Turbidity (NTU) | | | 1.35 | 2.24 | 5.38 | 1.36 | 1.27 |
| Dissolved Oxygen (mg/L) | | | | 7.01 | 4.30 | 1.51 | 6.51 |
| Dissolved Oxygen (% saturation) | | | | 67.50 | 42.65 | 16.60 | 69.25 |
| Total Kjeldahl Nitrogen (mg/L) | | 0.25 | 0.25 | 0.40 | 5.60 | 0.25 | 0.25 |
| Alkalinity | | 5.10 | 7.20 | 5.40 | 7.90 | 11.00 | 8.80 |
| Escherichia coli (colonies/100mL) | | 6.00 | 10.00 | 185.00 | 686.70 | 24.30 | 34.10 |

NOTES:

| <u>07/17/07</u> | <u>07/31/07</u> | <u>08/14/07</u> | <u>08/28/07</u> | <u>09/11/07</u> | <u>09/25/07</u> | <u>10/09/07</u> | <u>10/23/07</u> | <u>Average</u> |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| 6.75 | 6.73 | 6.85 | 6.62 | 6.59 | 6.92 | | | 6.61 |
| 21.95 | 23.50 | 22.15 | | 18.70 | 17.90 | 14.90 | | 17.91 |
| 1.26 | 1.18 | 0.91 | 1.18 | 1.11 | 1.39 | 1.23 | | 1.66 |
| 7.09 | 6.05 | 7.09 | | 5.70 | 6.86 | 7.15 | | 5.93 |
| 80.90 | 71.10 | 81.15 | | 61.00 | 70.00 | 68.50 | | 62.87 |
| 0.25 | 0.27 | 0.39 | 1.10 | 0.50 | 0.25 | 0.25 | | n/a |
| 8.80 | 9.50 | 9.20 | 9.30 | 9.40 | | 8.70 | | |
| | 47.90 | 21.80 | 24.30 | | 39.90 | 8.50 | | 98.95 |