

Saco River Basin Water Quality Monitoring Program - Year 2003
 Testing Results for Sampling Site Code S5
 Upriver of Brownfield Bog off Walkers Bridge Road in Fryeburg, ME

| | <u>04/15/03</u> | <u>04/29/03</u> | <u>05/13/03</u> | <u>05/27/03</u> | <u>06/10/03</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| pH (units) | | | 6.69 | 6.16 | 6.80 |
| | 6.86 | | | | |
| Temperature (°C) | | | 9.40 | 12.20 | 15.50 |
| | 16.34 | | | | |
| Turbidity (NTU) | | | 2.25 | 1.02 | 0.87 |
| | 2.00 | | | | |
| Dissolved Oxygen (mg/L) | | | 11.44 | 9.93 | 8.86 |
| Dissolved Oxygen (% saturation) | | | 99.80 | 92.80 | 88.60 |
| | 91.14 | | | | |
| Total Kjeldahl Nitrogen (mg/L) | | | 0.48 | 0.35 | 0.61 |
| | 0.51 | | | | |
| Total Phosphorus (mg/L) | | | 0.13 | 0.03 | 0.03 |
| | 0.04 | | | | |
| Escherichia coli (colonies/100mL) | n/a | n/a | n/a | n/a | n/a |

| | <u>06/24/03</u> | <u>07/08/03</u> | <u>07/22/03</u> | <u>08/05/03</u> | <u>08/19/03</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| pH (units) | | 6.84 | 6.72 | | 6.75 |
| Temperature (°C) | | 24.80 | 22.50 | | 21.50 |
| Turbidity (NTU) | 1.53 | 0.87 | 1.06 | | 1.77 |
| Dissolved Oxygen (mg/L) | 8.04 | 6.81 | 8.71 | | 6.98 |
| Dissolved Oxygen (% saturation) | 90.60 | 81.80 | 100.30 | | 77.20 |
| Total Kjeldahl Nitrogen (mg/L) | 0.20 | 0.73 | 0.73 | | 0.43 |
| Total Phosphorus (mg/L) | 0.01 | 0.03 | 0.01 | | 0.02 |
| Escherichia coli (colonies/100mL) | n/a | n/a | n/a | n/a | n/a |

| | <u>09/02/03</u> | <u>09/16/03</u> | <u>09/30/03</u> | <u>10/14/03</u> | <u>10/28/03</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| pH (units) | | 6.75 | 6.92 | 7.14 | 7.80 |
| Temperature (°C) | | 20.00 | 15.40 | 12.40 | 9.70 |
| Turbidity (NTU) | | 1.11 | 1.35 | 1.23 | 8.91 |
| Dissolved Oxygen (mg/L) | | 8.09 | 9.80 | 9.47 | 10.87 |
| Dissolved Oxygen (% saturation) | | 89.40 | 98.00 | 88.40 | 95.60 |
| Total Kjeldahl Nitrogen (mg/L) | | 0.27 | 0.41 | 0.56 | 0.85 |
| Total Phosphorus (mg/L) | | 0.01 | 0.01 | 0.03 | 0.09 |
| Escherichia coli (colonies/100mL) | n/a | n/a | n/a | n/a | n/a |