

**Saco River Basin Water Quality Monitoring Program - 2008 Testing Season**  
**Sampling Site Code SPB26 - off South Street Bridge in Biddeford, ME**

|                                   | <u>04/18/08</u> | <u>05/02/08</u> | <u>05/16/08</u> | <u>05/30/08</u> | <u>06/13/08</u> | <u>06/27/08</u> | <u>07/11/08</u> | <u>07/25/08</u> | <u>08/08/08</u> | <u>08/20/08</u> | <u>09/12/08</u> | <u>09/19/08</u> | <u>10/03/08</u> | <u>10/17/08</u> | <u>Average</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| pH (units)                        |                 |                 | 6.66            | 6.68            | 6.66            | 6.78            | 6.68            | 6.67            | 6.73            | 6.82            | 6.58            | 6.71            | 6.58            | 6.46            | 6.67           |
| Temperature (°C)                  |                 |                 | 13.90           | 14.10           | 16.80           | 17.50           | 20.60           | 18.50           | 17.70           | 17.00           | 15.20           | 13.00           | 13.00           | 11.90           | 15.77          |
| Turbidity (NTU)                   |                 |                 | 10.50           | 9.50            | 7.70            | 9.66            | 9.26            | 79.80           | 68.60           | 9.00            | 6.26            | 5.03            | 5.99            | 4.83            | 18.84          |
| Dissolved Oxygen (mg/L)           |                 |                 | 8.77            | 8.64            | 7.51            | 8.27            | 6.77            | 8.48            | 8.41            | 6.98            | 8.85            | 9.51            | 9.90            | 10.21           | 8.53           |
| Dissolved Oxygen (% saturation)   |                 |                 | 85.20           | 84.10           | 77.30           | 86.40           | 75.30           | 90.50           | 88.20           | 72.30           | 88.10           | 90.00           | 93.80           | 94.30           | 85.46          |
| Total Kjeldahl Nitrogen (mg/L)    |                 |                 | 0.25            | 0.76            | 0.25            | 0.25            | 0.25            | 1.40            | 0.82            | 0.45            | 0.25            | 0.64            | 0.47            | 0.25            | 0.50           |
| Total Phosphorus (ug/L)           |                 |                 | 39.10           | 34.30           | 42.50           | 38.40           | 32.20           | 162.70          |                 | 38.20           | 43.20           | 21.50           | 27.10           | 28.20           | 46.13          |
| Escherichia coli (colonies/100mL) |                 |                 | 77.60           | 51.20           | 69.70           | 167.00          |                 |                 | >2419.6         | 123.60          | 105.00          | 58.80           | 78.90           | 74.30           | 89.57          |

NOTES:

HIGH WTR

RAIN

TNTC = Too Numerous To Count