

Saco River Basin Water Quality Monitoring Program - 2012 Testing Season
Sampling Site Code SPB26 - off South Street Bridge in Biddeford, ME

| | <u>05/18/12</u> | <u>06/01/12</u> | <u>06/15/12</u> | <u>06/29/12</u> | <u>07/13/12</u> | <u>07/27/12</u> | <u>08/10/12</u> | <u>08/24/12</u> | <u>09/07/12</u> | <u>09/21/12</u> | <u>10/05/12</u> | <u>Average</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| pH (units) | 6.96 | 6.69 | 6.69 | 6.88 | 7.01 | 7.07 | 7.05 | 6.77 | 6.79 | 6.78 | | 6.87 |
| Temperature (°C) | 14.00 | 17.10 | 18.20 | 20.60 | 18.90 | 21.20 | 19.00 | 17.90 | 12.70 | 14.20 | | 17.38 |
| Turbidity (NTU) | 10.22 | 12.40 | 10.10 | 11.40 | | 9.06 | 9.30 | 9.19 | 7.43 | 7.81 | | 9.66 |
| Conductivity | 33.70 | 28.00 | 40.90 | 44.30 | 132.75 | 47.70 | 42.00 | 51.60 | 57.60 | 49.20 | | 52.78 |
| Dissolved Oxygen (mg/L) | 9.55 | 8.73 | 8.36 | 8.28 | 6.59 | 7.84 | 8.17 | 8.14 | 9.25 | 8.16 | | 8.31 |
| Dissolved Oxygen (% saturation) | 91.90 | 89.50 | 89.30 | 91.45 | 71.50 | 88.40 | 87.40 | 85.80 | 86.50 | 79.50 | | 86.13 |
| Total Kjeldahl Nitrogen (mg/L) | 0.25 | | | | | 0.58 | | | | | | 0.42 |
| Total Phosphorus (ug/L) | | | | | | 34.10 | | | | 42.70 | | 38.40 |
| Escherichia coli (colonies/100mL) | 47.30 | 148.30 | 123.60 | 95.50 | >2419.6 | 86.20 | 118.70 | 151.50 | 90.60 | 160.70 | | 113.60 |

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*hvy rain past 72 hours

Swan Pond Brook on DEP impaired stream list