

Saco River Basin Water Quality Monitoring Program

Sampling Site Code S6 - Downriver of Brownfield Bog off Route 160 in Brownfield, ME

| | <u>04/13/03</u> | <u>04/27/04</u> | <u>05/11/04</u> | <u>05/25/04</u> | <u>06/08/04</u> | <u>06/22/04</u> | <u>07/06/04</u> | <u>07/20/04</u> | <u>08/03/04</u> | <u>08/17/04</u> | <u>08/31/04</u> | <u>09/14/04</u> | <u>09/28/04</u> | <u>10/12/04</u> | <u>10/26/04</u> | <u>Average</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| pH (units) | 6.56 | 6.08 | 7.02 | 7.11 | 6.40 | 6.68 | 6.75 | 6.62 | 6.60 | 6.71 | 7.37 | 6.64 | 6.46 | 6.24 | 6.97 | 6.68 |
| Temperature (°C) | 5.50 | 8.00 | 13.00 | 12.00 | 16.50 | 19.50 | 20.00 | 20.50 | 23.50 | 18.50 | 22.50 | 16.50 | 16.50 | 11.50 | 8.50 | 15.50 |
| Turbidity (NTU) | 1.29 | 1.56 | 1.39 | 3.53 | 1.16 | 1.27 | 1.19 | 1.31 | 1.29 | 1.51 | 1.08 | 1.51 | 1.14 | 0.95 | 0.96 | 1.41 |
| Dissolved Oxygen (mg/L) | 11.72 | 13.35 | 9.52 | 10.19 | 8.38 | 10.11 | 7.07 | 7.55 | 6.90 | 7.64 | 7.73 | 8.89 | 8.05 | 8.81 | 10.73 | 9.11 |
| Dissolved Oxygen (% saturation) | 93.60 | 114.90 | 89.80 | 94.20 | 86.80 | 110.60 | 78.90 | 85.60 | 82.40 | 82.30 | 91.00 | 90.10 | 84.90 | 82.90 | 92.40 | 90.69 |
| Total Kjeldahl Nitrogen (mg/L) | 0.40 | 1.30 | 0.54 | 0.89 | 0.20 | 0.48 | 0.20 | 0.32 | 0.61 | 0.81 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | 0.58 |
| Total Phosphorus (mg/L) | 0.01 | 0.08 | 0.04 | | | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 0.04 |
| Escherichia coli (colonies/100mL) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |

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