

Saco River Basin Water Quality Monitoring Program - 2009 Testing Season
Sampling Site Code S6 - Downriver of Brownfield Bog off Route 160 in Brownfield, ME

| | <u>05/19/09</u> | <u>06/02/09</u> | <u>06/16/09</u> | <u>06/30/09</u> | <u>07/14/09</u> | <u>07/28/09</u> | <u>08/11/09</u> | <u>08/25/09</u> | <u>09/08/09</u> | <u>09/22/09</u> | <u>Average</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| pH (units) | 6.48 | 6.76 | 6.52 | 6.54 | 6.43 | 6.41 | 6.45 | 6.29 | 6.49 | 6.46 | 6.48 |
| Temperature (°C) | 12.00 | 15.90 | 15.20 | 15.10 | 18.30 | 21.10 | 21.60 | 21.10 | 18.40 | 14.40 | 17.31 |
| Turbidity (NTU) | 1.42 | 1.25 | 1.38 | 4.82 | 1.73 | 1.77 | 2.22 | 1.93 | 1.50 | 1.25 | 1.93 |
| Dissolved Oxygen (mg/L) | 10.20 | 86.80 | 9.33 | 9.19 | 7.39 | 7.26 | 8.26 | 7.12 | 7.53 | 8.79 | 16.19 |
| Dissolved Oxygen (% saturation) | 92.80 | 8.57 | 92.90 | 92.55 | 78.40 | 81.50 | 93.80 | 79.90 | 79.70 | 85.90 | 78.60 |
| Total Kjeldahl Nitrogen (mg/L) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | #DIV/0! |
| Total Phosphorus (mg/L) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| 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 |

NOTES:

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*high water - lots of rain