

**Saco River Basin Water Quality Monitoring Program - 2016 Testing Season**  
**Sampling Site Code O8 - Below Kezar Falls Village off Powerhouse Road in Parsonsfield, ME**

|                                   | <u>05/18/16</u> | <u>06/01/16</u> | <u>06/15/16</u> | <u>06/29/16</u> | <u>07/01/16</u> | <u>07/13/16</u> | <u>08/03/16</u> | <u>08/10/16</u> | <u>08/24/16</u> | <u>09/07/16</u> | <u>09/21/16</u> | <u>Average</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| pH (units)                        | 6.58            | 6.72            | 6.68            | 6.81            |                 | 6.86            | 5.62            | 6.74            | 6.71            | 6.40            |                 | 6.57           |
| Temperature (°C)                  | 13.05           | 20.55           | 18.15           | 24.00           |                 | 23.20           | 22.85           | 23.55           | 22.40           | 22.00           |                 | 22.09          |
| Turbidity (NTU)                   | 0.74            | 0.98            | 2.80            | 1.21            |                 | 0.85            | 0.58            | 0.85            | 0.78            | 0.91            |                 | 1.08           |
| Conductivity                      | 22.10           | 26.95           | 26.40           | 25.00           |                 | 25.15           | 25.95           | 26.90           | 26.60           | 26.10           |                 | 25.68          |
| Dissolved Oxygen (mg/L)           | 9.97            | 8.59            | 8.97            | 8.04            |                 | 8.28            | 8.12            | 7.98            | 7.99            | 8.11            |                 | 8.45           |
| Dissolved Oxygen (% saturation)   | 96.50           | 95.80           | 96.20           | 96.60           |                 | 97.65           | 94.25           | 94.30           | 92.10           | 94.00           |                 | 95.27          |
| Total Kjeldahl Nitrogen (mg/L)    | n/a             | n/a             | n/a             |                 |                 | n/a             | n/a             | n/a             |                 | 0.25            | n/a             |                |
| Total Phosphorus (ug/L)           | n/a             | n/a             | n/a             | n/a             |                 | n/a             | n/a             | n/a             |                 | n/a             | n/a             |                |
| Escherichia coli (colonies/100mL) | 6.30            | 63.10           | 32.30           | 290.9*          | 131.40          | 78.90           | 69.70           | 41.50           | 26.20           | 110.00          |                 | 62.16          |
| Alkalinity (mg/L CaCO3)           | 7.00            | 9.80            | 9.8             | 8.40            |                 |                 | 8.90            |                 | 9.90            | 8.40            |                 | 8.89           |

NOTES: \*Retested on 7/1/2016  
 \*\*water super low

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