

**Saco River Basin Water Quality Monitoring Program - 2016 Testing Season**  
**Sampling Site Code LO25 - Below Little Ossipee Pond off Chadbourne Ridge Road in Waterboro, ME**

|                                   | <u>05/19/16</u> | <u>06/02/16</u> | <u>06/16/16</u> | <u>06/30/16</u> | <u>07/14/16</u> | <u>07/28/16</u> | <u>08/11/16</u> | <u>08/25/16</u> | <u>09/08/16</u> | <u>09/22/16</u> | <u>Average</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| pH (units)                        | 6.79            | 6.50            | 6.91            | 6.87            | 7.06            | 6.92            | 6.87            | 6.86            | 6.25            |                 | 6.78           |
| Temperature (°C)                  | 15.30           | 21.15           | 18.90           | 23.45           | 25.50           | 27.05           | 24.35           | 24.30           | 22.70           |                 | 22.52          |
| Turbidity (NTU)                   | 0.83            | 0.76            | 0.96            | 0.69            | 0.77            | 0.59            | 0.61            | 0.58            | 0.72            |                 | 0.72           |
| Conductivity                      | 49.85           | 51.50           | 50.45           | 53.25           | 53.45           | 53.50           | 54.20           | 53.70           | 54.70           |                 | 52.73          |
| Dissolved Oxygen (mg/L)           | 9.50            | 8.85            | n/a             | 7.59            | 7.98            | 7.48            | 7.39            | 7.93            | 7.57            |                 | 8.04           |
| Dissolved Oxygen (% saturation)   | 95.10           | 99.35           | n/a             | 90.20           | 98.45           | 95.05           | 88.95           | 95.20           | 88.90           |                 | 93.90          |
| Total Kjeldahl Nitrogen (mg/L)    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                |
| Total Phosphorus (ug/L)           | 0.0140          |                 | 26.00           |                 |                 |                 |                 | 10.00           | 5.00            |                 | 10.25          |
| 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:

\*Invasive plant (rampant), some invasive debris floating. Water flows from the large culvert to the testing area.