

Saco River Basin Water Quality Monitoring Program - 2012 Testing Season
Sampling Site Code S19(S19U) - Skelton Head Pond off Union Falls Road in Dayton, 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) | 7.13 | 6.80 | 6.87 | 6.91 | 7.21 | 7.47 | 6.96 | 6.57 | 6.62 | 6.88 | | 6.94 |
| Temperature (°C) | 16.30 | 19.00 | 23.20 | 24.80 | 25.40 | 26.20 | 24.10 | 22.85 | 19.20 | 15.90 | | 21.70 |
| Turbidity (NTU) | 1.90 | 2.42 | 1.90 | 1.58 | 1.92 | 2.45 | 2.07 | 1.77 | 1.56 | 2.15 | | 1.97 |
| Conductivity | 39.00 | 16.36 | 21.78 | 23.00 | 25.70 | 26.30 | 22.90 | 26.00 | 27.00 | 19.96 | | 24.80 |
| Dissolved Oxygen (mg/L) | 9.66 | 9.17 | 7.85 | 8.04 | 7.60 | 7.63 | 7.77 | 6.86 | 8.44 | 8.86 | | 8.02 |
| Dissolved Oxygen (% saturation) | 97.40 | | 93.00 | 96.60 | 93.95 | 94.85 | 92.10 | 80.05 | 90.60 | 89.70 | | 91.36 |
| Total Kjeldahl Nitrogen (mg/L) | 0.25 | | | | | 0.36 | | | | | | 0.31 |
| Total Phosphorus (ug/L) | | | | | | 14.50 | | | | 14.10 | | 14.30 |
| Escherichia coli (colonies/100mL) | 13.20 | 74.90 | 12.00 | 7.40 | 17.10 | 13.20 | 13.10 | 14.50 | 3.10 | 6.30 | | 17.48 |

NOTES:

* meter malfunction