

Saco River Basin Water Quality Monitoring Program - 2013 Testing Season
Sampling Site Code LO14 - off Silver Lane in Limerick, ME

| | <u>05/16/13</u> | <u>05/30/13</u> | <u>06/13/13</u> | <u>06/27/13</u> | <u>07/11/13</u> | <u>07/25/13</u> | <u>07/29/13</u> | <u>08/08/13</u> | <u>08/22/13</u> | <u>09/05/13</u> | <u>09/19/13</u> | <u>Average</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| pH (units) | * | 6.88 | 6.75 | | 6.48 | 6.72 | ** | 7.32 | 7.29 | 7.03 | 6.31 | 6.85 |
| Temperature (°C) | | 14.60 | 16.10 | | 20.60 | 20.60 | | 21.40 | 23.90 | 21.10 | 14.50 | 19.10 |
| Turbidity (NTU) | | 1.81 | 1.57 | | 2.73 | 4.21 | | 1.16 | 0.83 | 1.24 | 1.87 | 1.93 |
| Conductivity | | 26.90 | 25.40 | | 28.80 | 25.20 | | 28.50 | 29.20 | 30.61 | 28.40 | 27.88 |
| Dissolved Oxygen (mg/L) | | 9.31 | 8.85 | | 7.50 | 7.84 | | 7.87 | 8.03 | 8.09 | 10.12 | 8.45 |
| Dissolved Oxygen (% saturation) | | 91.80 | 90.95 | | 84.75 | 87.70 | | 89.40 | 96.30 | 93.45 | 99.45 | 91.73 |
| Total Kjeldahl Nitrogen (mg/L) | | | | | | | | | | | | |
| Total Phosphorus (ug/L) | | 0.10 | | | | 0.10 | | | | | 0.10 | 0.10 |
| Escherichia coli (colonies/100mL) | | 47.70 | | | 84.70 | 297.90 | 15.00 | 2.30 | 4.00 | 56.30 | 17.50 | 65.68 |
| Alkalinity | | | | | | | | | | | | |

NOTES:

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*LAC drained - unable to test

**ecoli recheck