

**Saco River Basin Water Quality Monitoring Program - 2015 Testing Season**  
**Sampling Site Code S21 - Public Boat Launch off Front Street in Saco, ME**

|                                   | <u>05/15/15</u> | <u>05/29/15</u> | <u>06/12/15</u> | <u>06/26/15</u> | <u>#####</u> | <u>07/10/15</u> | <u>07/29/15</u> | <u>08/07/15</u> | <u>08/13/15</u> | <u>08/21/15</u> | <u>09/04/15</u> | <u>09/25/15</u> |     |     |     | <u>Average</u> |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|-----|-----|----------------|
| pH (units)                        | 6.63            | 6.66            | 6.60            | 6.69            |              | 6.58            | 6.72            | 6.91            |                 | 6.95            | 6.88            | 6.92            |     |     |     | 6.75           |
| Temperature (°C)                  | 15.80           | 19.00           | 19.20           | 20.95           |              | 21.80           | 24.40           | 23.85           | 23.50           | 24.40           | 24.00           | 20.20           |     |     |     | 21.55          |
| Turbidity (NTU)                   | 2.01            | 1.53            | 1.61            | 2.45            |              | 1.76            | 1.29            | 1.55            |                 | 1.39            | 1.06            | 1.32            |     |     |     | 1.60           |
| Conductivity                      | 20.94           | 36.95           | 24.90           | 27.30           |              | 22.50           | 48.20           | 665.00          | 111.30          | 359.00          | 594.00          | 688.00          |     |     |     | 236.19         |
| Dissolved Oxygen (mg/L)           | 9.99            | 9.13            | 9.02            | 9.26            |              | 8.49            | 8.24            | 9.20            | 9.20            | 8.84            | 9.21            | 10.00           |     |     |     | 9.14           |
| Dissolved Oxygen (% saturation)   | 99.70           | 97.30           | 97.70           | 103.45          |              | 97.05           | 98.85           | 108.80          | 108.10          | 106.60          | 108.50          | 108.35          |     |     |     | 103.13         |
| 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             | n/a             | n/a             | n/a | n/a | n/a | n/a            |
| Total Phosphorus (ug/L)           |                 |                 |                 |                 |              |                 |                 |                 |                 |                 |                 |                 |     |     |     |                |
| Orthophosphate (ug/L)             | 0.050           |                 | 0.096           | 0.36            |              | 0.055           |                 |                 |                 |                 |                 | 0.050           |     |     |     | 0.14           |
| Escherichia coli (colonies/100mL) | 7.40            | 39.90           | 13.50           | 107.60          |              | 27.50           | 27.20           | 26.20           |                 | 86.20           | 21.30           | 31.80           |     |     |     | 38.86          |

NOTES:

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\*high tide and about 500 feet above this testing site there was a LOT of water flow from a large culvert at the dam.