From Nova Scotia Lake Inventory Program

Sandy Lake (Bedford) sampled on Sep 2, 1998

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Depth** | **Temp**  **oC** | **O2 mg/L** | **EC**  **uS/cm** | **Cl-**  **(mg/L)** | **pH** | **Fe**  **(mg/L)** | **Mn**  **(mg/L)** | **TP**  **(mg/L)** | **Or-P**  **(mg/L)** |
| S (0 m) | 22 | 8.6 | 125 | 29 | 6.2 | 0.1 | 0.03 | 0.001 | <0.001 |
| T (7 m) |  |  | 130 | 30 | 5.9 | 0.54 | 0.14 | 0.005 | <0.001 |
| B (18 m) | 6 | 3 | 146 | 34 | 5.7 | 0.59 | 0.27 | 0.012 | 0.004 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Depth** | **Total N**  **(mg/L)** | **NO3-**  **(mg/L)** | **NH4+**  **(mg/L)** | **Ca (mg/L)** | **Hardness**  **(mgCaCO3/L)** | **Colour**  **(CFU)** | **Turbidity**  **(NTU)** |
|  | 0.2 | <0.01 | 0.01 | 3.9 | 13.5 | 12.5 | 0.39 |
| T | 0.22 | 0.05 | 0.03 | 3.92 | 13.6 | 17.5 | 0.37 |
| B | 0.32 | 0.09 | 0.09 | 3.92 | 13.7 | 25 | 1.4 |

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| **LAKE VOLUME (m3)** | **MAXIMUM DEPTH (m)** | **MEAN DEPTH (m)** | **SURFACE AREA (ha)** | **AREA LESS THAN 6M DEEP (ha)** | **SHORELINE DEVELOPMENT** | **FLUSHING RATE PER YEAR** |
| 5676900 | 19 | 7.6 | 74.5 | 33.6 | 1.9 | 2.4 |