

**WATER QUALITY AND TREATMENT DIVISION**  
**TABLE 6 - BOLTON PLANT WATER QUALITY FY2025 (Jul 2024 - Jun 2025)**  
(mg/L, except as noted)

|                                          | FY 2025 |         |         | PRIOR 5 YEARS |         |         |
|------------------------------------------|---------|---------|---------|---------------|---------|---------|
|                                          | AVERAGE | MAXIMUM | MINIMUM | AVERAGE       | MAXIMUM | MINIMUM |
| <b>RAW WATER</b>                         |         |         |         |               |         |         |
| Turbidity (NTU)                          | 0.07    | 0.62    | 0.02    | 0.07          | 2.20    | 0.02    |
| Total Alkalinity (as CaCO <sub>3</sub> ) | 212     | 234     | 200     | 213           | 239     | 196     |
| Total Hardness (as CaCO <sub>3</sub> )   | 267     | 298     | 244     | 275           | 336     | 210     |
| Calcium (as Ca) <sup>b</sup>             | 71      | 94      | 66      | 74            | 92      | 38      |
| Magnesium (as Mg) <sup>b</sup>           | 22      | 29      | 9       | 22            | 42      | 15      |
| pH (Units)                               | 7.5     | 8.0     | 7.4     | 7.6           | 8.2     | 7.3     |
| Chloride                                 | 57      | 59      | 55      | 54            | 65      | 40      |
| Fluoride                                 | 0.28    | 0.36    | 0.24    | 0.28          | 0.36    | 0.20    |
| Sulfate                                  | 44      | 47      | 40      | 44            | 48      | 39      |
| Nitrate (as NO <sub>3</sub> - N)         | 1.20    | 1.95    | 0.62    | 1.21          | 2.10    | 0.71    |
| Iron (as total Fe)                       | <0.04   | <0.04   | <0.04   | <0.04         | <0.04   | <0.04   |
| Manganese (as total Mn)                  | 0.04    | 0.12    | <0.01   | 0.07          | 0.33    | 0.01    |
| Sodium                                   | 33      | 33      | 33      | 31            | 35      | 29      |
| Total Solids                             | (a)     | (a)     | (a)     | (d)           | (d)     | (d)     |
| Total Dissolved Solids                   | (a)     | (a)     | (a)     | 314           | 314     | 314     |
| Total Organic Carbon                     | 0.75    | 0.99    | 0.58    | 0.73          | 1.12    | 0.47    |
| <b>TREATED WATER</b>                     |         |         |         |               |         |         |
| Turbidity (NTU)                          | 0.19    | 4.54    | 0.02    | 0.08          | 0.88    | 0.02    |
| Total Alkalinity (as CaCO <sub>3</sub> ) | 77      | 99      | 64      | 75            | 108     | 61      |
| Total Hardness (as CaCO <sub>3</sub> )   | 133     | 157     | 117     | 136           | 170     | 113     |
| Calcium (as Ca) <sup>b</sup>             | 21      | 42      | 17      | 21            | 42      | 14      |
| Magnesium (as Mg) <sup>b</sup>           | 19      | 23      | 8       | 20            | 26      | 7       |
| pH (Units)                               | 9.3     | 9.9     | 8.8     | 9.2           | 9.7     | 8.8     |
| Chloride                                 | 57      | 57      | 57      | 53            | 58      | 46      |
| Fluoride                                 | 0.84    | 1.00    | 0.30    | 0.85          | 1.01    | 0.68    |
| Sulfate                                  | 43      | 44      | 42      | 43            | 46      | 38      |
| Nitrate (as NO <sub>3</sub> - N)         | 1.25    | 1.25    | 1.25    | 1.41          | 1.79    | 1.08    |
| Iron (as total Fe)                       | <0.04   | <0.04   | <0.04   | <0.04         | <0.04   | <0.04   |
| Manganese (as total Mn)                  | <0.01   | <0.01   | <0.01   | <0.01         | <0.01   | <0.01   |
| Sodium                                   | 31      | 32      | 29      | 32            | 37      | 27      |
| Total Solids <sup>c</sup>                | 242     | 278     | 162     | 240           | 292     | 200     |
| Total Dissolved Solids                   | 242     | 278     | 162     | 240           | 292     | 200     |
| Total Organic Carbon                     | 0.61    | 0.73    | 0.53    | 0.58          | 0.87    | 0.41    |
| Phosphate (as PO <sub>4</sub> - P)       | 0.11    | 0.15    | <0.04   | 0.12          | 0.43    | 0.04    |
| Chlorine Residual, Free                  | 1.29    | 1.64    | 1.13    | 1.22          | 2.15    | 0.91    |
| Chlorine Residual, Total                 | 1.36    | 1.70    | 1.17    | 1.28          | 2.20    | 0.95    |

(a) Analyses not performed in FY2025.

(b) Calcium and magnesium values are calculated from hardness data.

(c) The concentration of total solids at finished water is expected to be similar to that of TDS since turbidity level is very low for treated water (<0.19 NTU).

(d) Analyses not performed in the prior 5 years.