

Guidelines for Canadian Drinking Water Quality

(A/C – Aesthetic parameter or Contaminant)

| Parameter                     | Units | mg/L (ppb) | µg/L (ppb) | A/C |
|-------------------------------|-------|------------|------------|-----|
| Alkalinity                    | mg/L  |            |            |     |
| Bromide                       | mg/L  |            |            |     |
| Chloride                      | mg/L  | 250        | 250000     | A   |
| Colour                        | TCU   | 15         |            | A   |
| Conductivity                  | uS/cm |            |            |     |
| Dissolved Organic Carbon      | mg/L  |            |            |     |
| Fluoride                      | mg/L  | 1.5        | 1500       | C   |
| Hardness as CaCO <sub>3</sub> | mg/L  |            |            |     |
| Ammonia                       | mg/L  |            |            |     |
| Nitrite                       | mg/L  | 3          | 3000       | C   |
| Nitrate                       | mg/L  |            |            |     |
| pH                            | mg/L  | 6.5-8.5    |            | A   |
| Sulphate                      | mg/L  | 500        | 500000     | A   |
| Total Dissolved Solids        | mg/L  | 500        | 500000     | A   |
| Total Kjeldahl Nitrogen       | mg/L  |            |            |     |
| Total Phosphorus              | mg/L  |            |            |     |
| Turbidity                     | NTU   | 1          |            | C   |
| Aluminum (Al)                 | mg/L  |            |            |     |
| Antimony (Sb)                 | mg/L  | 0.006      | 6          | C   |
| Arsenic (As)                  | mg/L  | 0.01       | 10         | C   |
| Barium (Ba)                   | mg/L  | 2          | 2000       | C   |
| Boron (B)                     | mg/L  | 5          | 5000       | C   |
| Calcium (Ca)                  | mg/L  |            |            |     |
| Cadmium (Cd)                  | mg/L  | 0.007      | 7          | C   |
| Chromium (Cr)                 | mg/L  | 0.05       | 50         | C   |
| Copper (Cu)                   | mg/L  | 2          | 2000       | A   |
| Iron (Fe)                     | mg/L  | 0.3        | 300        | A   |
| Lead (Pb)                     | mg/L  | 0.005      | 5          | C   |
| Magnesium (Mg)                | mg/L  |            |            |     |
| Manganese (Mn)                | mg/L  | 0.12/0.02  | 120/20     | C/A |
| Mercury (Hg)                  | mg/L  | 0.001      | 1          | C   |
| Nickel (Ni)                   | mg/L  |            |            |     |
| Potassium (K)                 | mg/L  |            |            |     |
| Selenium (Se)                 | mg/L  | 0.05       | 50         | C   |
| Sodium (Na)                   | mg/L  | 200        | 200000     | A   |
| Strontium (Sr)                | mg/L  | 7          | 7000       |     |
| Uranium (U)                   | mg/L  | 0.02       | 20         | C   |
| Zinc (Zn)                     | mg/L  | 5          | 5000       | A   |

## Table of element names and symbols

| Parameter Name | Symbol |
|----------------|--------|
| Magnesium      | Mg     |
| Aluminium      | Al     |
| Potassium      | K      |
| Titanium       | Ti     |
| Vanadium       | V      |
| Chromium       | Cr     |
| Manganese      | Mn     |
| Iron           | Fe     |
| Cobalt         | Co     |
| Nickel         | Ni     |
| Copper         | Cu     |
| Zinc           | Zn     |
| Gallium        | Ga     |
| Germanium      | Ge     |
| Arsenic        | As     |
| Selenium       | Se     |
| Rubidium       | Rb     |
| Strontium      | Sr     |
| Yttrium        | Y      |
| Zirconium      | Zr     |
| Niobium        | Nb     |
| Molybdenum     | Mo     |
| Silver         | Ag     |
| Cadmium        | Cd     |
| Tin            | Sn     |
| Antimony       | Sb     |
| Cesium         | Cs     |
| Barium         | Ba     |
| Lanthanum      | La     |
| Cerium         | Ce     |
| Praseodymium   | Pr     |
| Neodymium      | Nd     |
| Samarium       | Sm     |
| Europium       | Eu     |
| Terbium        | Tb     |
| Gadolinium     | Gd     |
| Dysprosium     | Dy     |
| Holmium        | Ho     |
| Erbium         | Er     |
| Thulium        | Tm     |
| Ytterbium      | Yb     |
| Lutetium       | Lu     |
| Hafnium        | Hf     |
| Tantalum       | Ta     |
| Tungsten       | W      |
| Thallium       | Tl     |
| Lead           | Pb     |
| Bismuth        | Bi     |
| Thorium        | Th     |
| Uranium        | U      |
| Beryllium      | Be     |
| Calcium        | Ca     |
| Lithium        | Li     |
| Sodium         | Na     |
| Phosphorus     | P      |
| Sulfur         | S      |
| Silicon        | Si     |