

GROUP 1 – BASIC BACTERIAL ANALYSIS

This indicates the influence of surface water, septic and animal faecal matter. This also meets the definition of potability for “most” mortgages.¹

- **Total Coliform, *E.Coli***

Bottles Required:

1. Micro Bottle: 300mL sterile bottle. Na₂S₂O₃ preservative required if from a chlorinated water source.

GROUP 2 – HEALTH ISSUES MINI-LIST

Parameters sometimes found over maximums in the Southern Interior.¹

- **Total Coliform, *E.Coli*, Arsenic, Uranium, Nitrate, Nitrite, Fluoride, Turbidity**

Bottles Required:

1. Micro Bottle: 300mL sterile bottle. Na₂S₂O₃ preservative required if from a chlorinated water source.
2. Metals Bottle: 100mL plastic bottle with HNO₃
3. General Bottle: 1L plastic bottle

GROUP 3 – GENERAL DRINKING WATER LIST

Fairly comprehensive list of chemical and microbiological parameters for new water sources or routine testing of drinking water sources.¹

- **Total Coliform, *E.Coli*, Alkalinity, Arsenic, Calcium, Chloride, Colour, Conductivity, Fluoride, Hardness (total), Iron, Magnesium, Manganese, Nitrate, Nitrite, pH, Potassium, Silicon, Sodium, Sulphate, Total Dissolved Solids, Turbidity, Uranium**

Bottles Required:

1. Micro Bottle: 300mL sterile bottle. Na₂S₂O₃ preservative required if from a chlorinated water source.
2. Metals Bottle: 100mL plastic bottle with HNO₃
3. General Bottle: 1L plastic bottle

COMPREHENSIVE DRINKING WATER LIST

Parameters frequently required for drinking water approval. This meets requirements of Environmental Health Officers in North, Central and & South Okanagan and in the East Kootenay regions.¹

- **Total Coliform, *E.Coli*, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chloride, Chromium, Cobalt, Colour, Copper, Conductivity, Cyanide, Fluoride, Hardness (total), Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Nitrate, Nitrite, pH, Phosphorus, Potassium, Selenium, Silicon, Silver, Sodium, Sulphate, Total Dissolved Solids, Turbidity, Uranium, Vanadium, Zinc**

Bottles Required:

1. Micro Bottle: 300mL sterile bottle. Na₂S₂O₃ preservative required if from a chlorinated water source.
2. Metals Bottle: 100mL plastic bottle with HNO₃
3. General Bottle: 1L plastic bottle
4. Cyanide Bottle: 500mL plastic with NaOH

¹ These are suggested packages. Check with an appropriate approval authority to ensure that packages meet applicable requirements, i.e. Interior Health Public Health Officer (www.interiorhealth.ca)