

Guide Lines for Water, Wastewater and Leachate sampling

Baffin Communities

Drinking water:

Monthly Sampling: (Bacteria analysis)

1. Collect five samples (**200 ml each**) from five different locations and send to Iqaluit Health Lab through your local health centre. One of the five samples should be raw water sample.

Once in month if population is less than 1000.

Twice in a month if population is in between 1000 to 2000

Iqaluit Lab for all Baffin Communities .

Environmental Health Department
Health and Social Services, Baffin
P.O.Box 1000, Station 1046
Iqaluit, NU, X0A 0H0

Annual Sampling: (Chemical Analysis)

2. Send samples to Ottawa Lab (All Baffin Communities) once a year for Chemical Analysis.

Caduceon Environmental Laboratories

Gord Murphy

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613 526 1244

Precautions of Sampling:

1. Be careful not to let the mouth of the bottle or lid touch anything including sampler's fingers.
2. Do not overfill the bottle or rinse out
3. Fill the bottle to the 200ml line from water tap, valve or water truck delivery hose nozzle. When sampling from a water tap, remove screen, aerator or other attachment from tap and allow the cold water to run for 2-3 minutes before collecting. Do not dip into the filled water truck tank to take a sample.
4. Ensure each bottle label information is filled for:
 - Date and time sample was taken
 - Sample point location
 - Sampler's name
5. Persons' name and contact address where to send sample Test results and invoice.
6. Samples must arrive at the Labs either Iqaluit or Ottawa within 24 hrs. from the time of sampling.

Wastewater:

1. Collect five treated samples from the first point of discharge of Sewage (end of pipe).
2. Collect Five raw samples directly from the truck discharge

Leachate:

1. Collect five leachate samples from the land fill site

Sample bottles specifications for Wastewater and leachate:

Five samples should be taken from a point in five different bottles:

Bottle 1: **500 ml**

Bottle 2: **100 ml**

Bottle3: **1000 ml**

Bottle 4: **250 ml**

All the wastewater and Leachate samples will be sent to Ottawa Lab.

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Precautions of sampling:

1. Use hand gloves
2. Ensure each bottle level information is filled:
 - Date and time sample taken
 - Location with GPS coordinates
 - Sampler's name
3. Person's name and contact information where to send sample Test Results and invoice.
4. Samples must be arrived Ottawa Lab within 24 hours from the time of sampling.