

Safe drinking Water is vital for good health. Although the POM 1.0 test does not cover every possible contaminant, it does provide a broad analysis of the most common contaminants that a well owner might encounter.

Contaminants analyzed with this kit:

- Bacteria: Coliform/E.coli (Presence/Absence)
- Inorganics: Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chloride, Chromium, Copper, Fluoride, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Nitrate, Nitrite, Total Nitrate + Nitrite as N, Orthophosphate, Potassium, Selenium, Silica, Silver, Sodium, Sulfate, Thallium, Uranium and Zinc
- Properties: pH, Hardness and Electrical Conductivity

Turnaround time options and pricing:

- Standard is approximately 10 to 14 business days.
- Half time is approximately 6 to 9 business days. (Price = Price of test + Half)
- Rush quickest is approximately 4 to 6 business days. (Price = Price of test x 2)

How to take samples:

The sample instructions for bacteria are on the back of this sheet as well as on our website under resources/sampling instructions. It is important to carefully follow the instructions for sampling bacteria. Once you have filled the bacteria bottle (above the fill-line on the side of the bottle), you may fill the other bottle/s, cap and refrigerate until you can get them to the lab for testing. Samples should arrive at a temperature of around 48° F or 6° C (refrigerator temp.) but not frozen. If samples are received after hold time they must be rejected or run with a qualifier.

Best practice is to take the samples and get them to our lab the same day or within 24 hours of sampling, as some of the components of this panel have a short hold time. Keep samples refrigerated or on ice until they reach the lab. Drop off locations can be found for your location on our website at www.EdgeAnalytical.com under the locations section.



Bottles in POM 1.0 sample kit:



1 Liter Plastic
Contains no preservative



250 mL Plastic
Contains no preservative



120 mL Round Plastic
Contains preservative inside
Commonly referred to as our
Bacteria Bottle.

QR Codes:

Use the QR Codes to download a Chain of Custody form or find more instructional content for sampling your Peace of Mind kit.

For questions contact us at:

PH: 800-755-9295

EM: office@edgeanalytical.com

Chain of Custody



Sampling Instructions



Sampling Instructions

General Sampling Instructions for Liquids

- Locate sampling point that is most representative.
- Allow the liquid to flow until it stabilizes (i.e. – constant temperature)
- Write the collection date and time, sample location and the requested analyses (unless already printed on the label) in the places provided on the label.
- Reduce the flow to approximately the size of a dime prior to sample collection.
- Fill each container to it's neck - unless method specific instructions are provided and instruct otherwise.
- Fill the number of containers required for each analyses per sampling point. NOTE: The number of containers required per analysis is listed on the label in the PRESERVATION section if greater than one.
 - *If the analysis requires more than one container per sampling point, fill the duplicate container(s) at the same sample point under the same conditions as the 1st sample collected.*
- Place the sample back into its protective wrapping or container, if sent and securely place the sample back into the shipping cooler. Add enough ice (placed in re-sealable plastic bags to prevent leakage during shipment) to keep the samples at approximately 4°C.
- Ship: Edge Analytical, 1620 S. Walnut St, Burlington WA 98233
- Ship next day service to insure sample temperature and proper holding time are met. If compliance samples are received warm or exceed the holding time they have to be rejected according the USEPA regulations.
- Samples must be received Monday through Friday

Bacteria Sampling Instructions

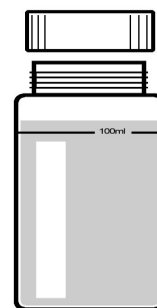
SAMPLING BOTTLE:

The bottle you will need for sampling is a 125mL bottle. This bottle is sterile! Avoid opening it until needed. Handle with the greatest of care to avoid contaminating your sample. The bottle contains a white pellet or fine powder; this is normal and is a chemical used to neutralize excess chlorine in the sample.

Hold cap in hand while filling. Do not touch the inside of the cap or bottle.

Sample Must be at 100ml or slightly

Air space is essential. Pour out



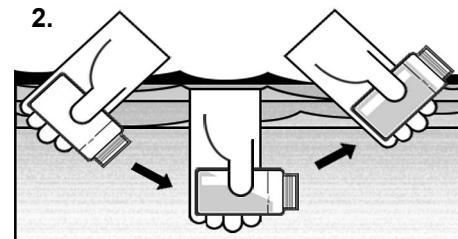
COLLECTING PROCEDURE:

- 1) Collect sample from a non swivel household faucet in regular use. Avoid outside faucets to minimize environmental contamination.
- 2) See figure 1 below for tap or spigot samples.
- 3) See figure 2 below for Pond / Reservoirs / Swimming Pool, or River.
- 4) Do not sample hot water.
- 5) Avoid sampling through hoses.



Figure 1 - From Tap: Hold cap in one hand while filling the sample bottle with the other.

Figure 2 - From Pond/Reservoir/Swimming Pool or River. Hold cap in free hand while filling. Move bottle with a continuous forward sweeping motion.



Please Read Carefully to Avoid Unsuitable Samples:

- For drinking water bring your samples in within 24 hours of sampling.
- For surface water bring your samples in within 8 hours of sampling.
- If sampling after chlorine disinfection, make sure the system has been thoroughly flushed and water does not smell of chlorine.
- Sample bottles will often have plastic or paper seals on the cap; carefully remove this seal without touching the insides of the container.