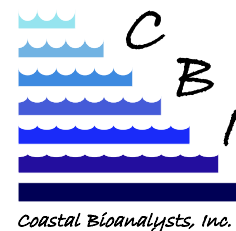


3/14/22

## PRIVATE WELLS



### SAMPLING INSTRUCTIONS-BACTERIA

DO NOT OPEN CONTAINER UNTIL YOU ARE READY TO FILL WITH WATER-DO NOT RINSE OUT CONTAINER!

- Select a cold water faucet close to the well that is:
  - ✓ Located before any water treatment system (softener, filter, etc.)
  - ✓ Not leaky or equipped with a backflow or frost-proof connector or a swivel-type faucet
- Remove screen from faucet, open the tap fully and let the water run for 3-6 minutes.
- Shut off water and sterilize by wiping inner and outer opening with a cotton ball saturated with rubbing alcohol or by flaming with a match or cigarette lighter. Do not sterilize with bleach.
- Turn water back on, reduce flow to fill the container without splashing.
- Remove seal from container. Open the container and fill to **slightly (no more than 5 mm (3/16")) above the 100 ml mark. Do not overfill.** A 2.5 cm airspace is required for mixing in the lab; otherwise the sample must be transferred aseptically to another larger sterile container for mixing. This will result in a \$4.00 surcharge for additional laboratory labor and supplies.
- Be careful not to touch the inside of the container, the rim or the inside of the cap. Keep cap inverted (open end down). Do not set the cap down while filling container.
- The sample will be rejected if:**
  - ✓ It is not properly identified on the sample form, form incomplete
  - ✓ It is leaking
  - ✓ It has any chlorine present
  - ✓ It has not been filled to the 100 ml line
  - ✓ It is overfilled (unless \$4.00 surcharge paid to offset lab costs for additional labor and supplies)
  - ✓ It is not received by Coastal Bioanalysts within the 30 hr sample hold time

Questions? Visit  
[coastalbio.com/bacti](http://coastalbio.com/bacti)

### SAMPLING INSTRUCTIONS-INORGANIC PARAMETERS

- LEAD: Collect sample after 6 hr of no flow, grab first flush to fill 1L bottle.
- ALL OTHER ANALYTES: Flush System 3-6 min. & fill bottle.

TEST	BOTTLE – MIN VOLUME	TURN-AROUND TIME	PRICE
24-h Coliform Presence/ Absence Test	120 ml sterile bottle – 100+ ml	Next Day	60.00
18-h Coliform Presence/ Absence Test	120 ml sterile bottle – 100+ ml	Next Morning	70.00
Coliform Count (Quanti-tray MPN; range 0 to 200.5 per 100 ml)	120 ml sterile bottle – 100+ ml	Next day	95.00
Nitrite (Subcontracted)	Plastic bottle – 250 m l	7-10 d	50.00
Nitrate (Subcontracted)	Plastic bottle – 250 m l	7-10 d	50.00
Lead (Subcontracted)	Plastic bottle - 1000 ml	7-10 d	55.00
Fluoride (Subcontracted)	Plastic bottle – 500 m l	7-10 d	55.00
Sodium (Subcontracted)	Plastic bottle – 500 m l	7-10 d	55.00
*pH	Plastic – 50 ml	< 1 d	10.00
*Hardness	Plastic – 100 ml	1-4 d	25.00
*Alkalinity	Plastic –100 ml	1-4 d	25.00
*Iron	Plastic –50 ml	1-4 d	25.00
*Conductivity	Plastic –50 ml	< 1 d	10.00

\*These results are to be used for informational purposes only; Coastal Bioanalysts is not certified for these specific analytes under the Virginia drinking water program. There are no EPA Maximum Contaminant Levels for these analytes. If results are intended for regulatory compliance, litigation, or other purposes please inquire regarding submission of samples to a state certified laboratory. **Turn-around times are in business days; please inquire regarding rush analysis price. Nitrate tests must be brought to CBI before 2:00 on the day of collection (Mon-Thurs) to meet sample holding time.**