



## SAMPLING INSTRUCTIONS

## **EQUIPMENT NEEDED:**



- 2 x 125 ml clear, glass bottles per site. These are specific bottles and are supplied by GNS Science.
- 1 x tube with brass fittings (GNS Science can supply this).
- 1 x beaker (1 ltr) or bucket.
- electrical tape

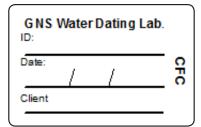
tap/water source.

## **REMEMBER:**

- Flush bore adequately
- Avoid pressure tanks
- Avoid using oils or grease on sampling equipment and fittings
- No air bubbles in samples
- Take two CFC samples per site
- Ensure that bottles are closed tightly
- DO NOT chill the samples for transportation!

## **INSTRUCTIONS:**

- The water sample must not have any contact with air.
- Sample points should be located before pressure tanks, filtration units or other treatment systems.
- Label bottles using blue or black permanent marker.
  Record the site ID and sampling date as a minimum.



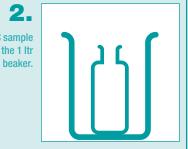
- Purge bore until pH, conductivity and temperature remain the same. Usually water equivalent to three times the bore volume is pumped away prior to sampling to remove stagnant water from the bore.
- Please follow the directions to the right.
- Return tubing and brass fittings to GNS Science.

Attach tube to

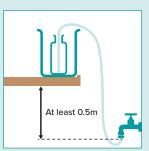


Place CFC sample

bottle in the 1 ltr

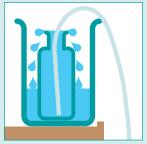


Elevate beaker above tap/water source to avoid sucking in air into the tube and push tubing to the bottom of sample bottle.



4

Fill bottle with water and let it overflow into the beaker.



Overflow the sample

bottle several times.



6.

FIRST: Strike the inside of the cap with your finger under water to remove any trapped air bubbles. SECOND: Screw the cap on tightly while the bottle is still submerged.



7.

Turn full bottle upside down. If bubbles are present, empty bottle and start again from Step 1.



8

Cap the bottle and then apply the tape CLOCKWISE around the cap.

