

Sampling Protocol for Alkalinity and DIC Samples:

We collect just 1 sample for both analyses, so it is important that there is as little gas exchange as possible when sampling.

Rinse with seawater and sample approximately 300mm under the surface.

Rinse the 1L bottle and lid 3 times with seawater, fill the bottle up to the top, leave 1-2cm headspace, make sure there are no bubbles in the bottle then add 2 drops of saturated HgCl_2 solution and seal tight (Gas tight!!)

Now seal with Parafilm, label the bottle with your unique code (letters) and date (15 , month, day) and put it into the crate. Send the crate back to Dunedin when it is full, **THANK YOU :-)**