

# COLLECTION STANDARD OPERATING PROCEDURE

## TOTAL NITROGEN (TN) & TOTAL PHOSPHORUS (TP)

### I. Sample collection

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- Wear protective gloves to avoid contamination
- Samples are collected from the appropriate Niskin bottles into 100 mL acid clean high-density polyethylene (HDPE) bottles pre-rinsed 3 times with the sample itself
- Warning: fill only  $\frac{3}{4}$  of the total volume available; pay attention to contaminations (do not touch the bottle rim of the cap); check that the caps are tightly closed
- Samples are immediately stored at  $-20^{\circ}\text{C}$ , until analysis
- Sample containers are to be kept upright while freezing and during the entire storage phase.

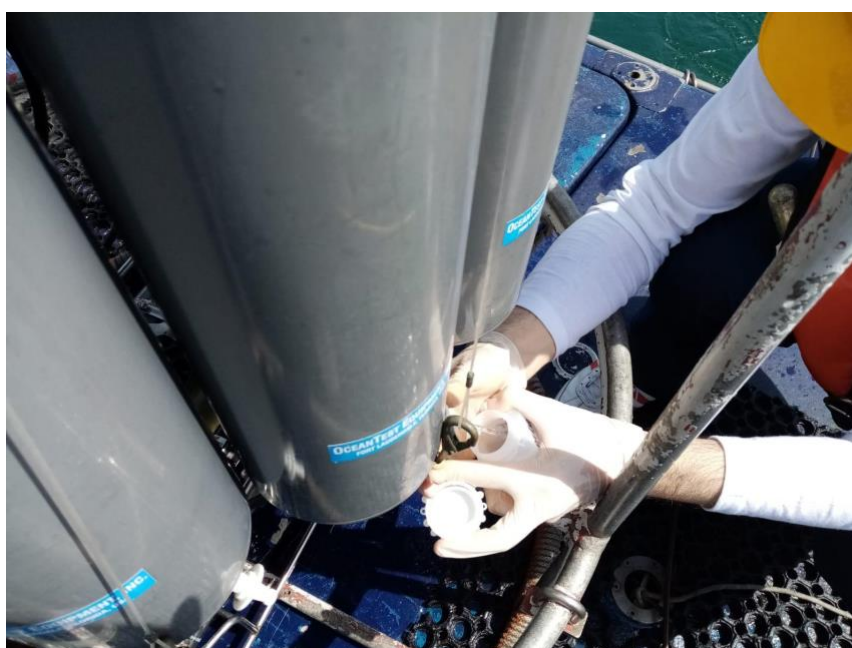


Figure 1 Sample collection for TN and TP

### II. List of material, equipment and supplies

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- 100 ml HDPE bottles
- refrigerated box for transportation to the lab