

Step 1: Safety

Assess the site for safe access to the water, avoid entering water if possible, which is also important to avoid contamination. Try to sample from the clearest water available in order to avoid clogging the filters.

NOTE: If using a sampling pole, the bottle and pole must be sterilised in 10% bleach solution for at least 1 minute then rinsed in water (3x) at the site prior to sampling.

Step 2: Suit up

Open up your kit and put on the fresh pair of latex gloves.

Step 3: Get organised

Clearly label each filter with the unique Site Code and filter number (i.e. 1,2 or 3).

Step 4: Sampling

1. Open the large 60mL syringe and draw-up water from the stream or water bottle (if using), adjust volume to 50mL.
2. Screw syringe onto filter, push water through filter and then remove.
3. Repeat steps 1 & 2 until you can no longer push water through the filter. There is no minimum volume required, however please try to filter as much water as you can, some filters will require up to 500mL (e.g. 10 syringes worth) – in turbid water this may be much less.
4. Record the total volume of water passed through the filter on the packet (e.g. 160 mL).
5. To help preserve the sample, expel the remaining water from the filter by drawing air into the syringe and pushing this through the filter. Attempt to shake out any remaining water as best you can.
6. Preservative: Once excess water is expelled, remove the cap from one of the small syringes and attach the filter. Gently add the preservative to the filter, a few drops may ooze out. Leave the syringe attached and screw the cap on to the other end of the filter to seal your sample.
7. Repeat entire “Step 4 – Sampling” process for your second filter.

Step 5: Packing up

Place all filters for the site inside the zip lock bag with data label provided. Ensure you place used syringe into rubbish so that it isn't used again in error at the next site.

Step 6: Data label

Fill out all details on the label on the front of the zip lock bag (site code, date, volumes etc.).

Step 7: Storage

Store filters out of sunlight. Courier or drop off to EnviroDNA ASAP - 95 Albert St Brunswick VIC 3056

