

eDNA Peg-mount Instructions



WILDERLAB

Discovery through DNA

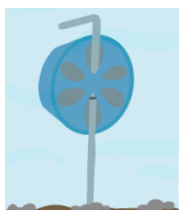
Deploying the passive sampler:

1



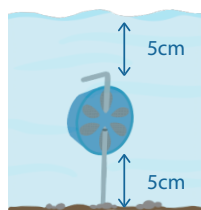
Put on a pair of gloves and check that the peg-mount is threaded through the filter pod, with the o-ring seated just below the pod.

2



Carefully push the peg into the stream bed, ideally in an area of moderate to high flow, with the leaf guard facing forward.

3



Ensure the peg is firmly in the stream bed with the filter at least 5cm above the bed, and 5cm underneath the water surface.

4



Record the location co-ordinates in WGS84 decimal format (for example -41.30951, 174.82110 as displayed on Google Maps).

Leave the sampler deployed for 24 hours.

Retrieving the passive sampler:

1



Put on your remaining pair of gloves and pull the peg out of the stream bed. Make sure you don't lose the pod.

2



Pointing the leaf guard to the ground, pull on the easy-pull tag protruding from the back of the filter pod to remove the sponge filter. This motion squeezes out excess water from the sponge filter.

3



Avoid touching the filter directly. Holding the tag, flick the filter in a downward motion to rid the filter of even more excess water.

4



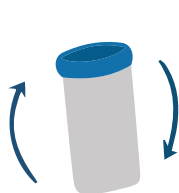
Take the sample jar out of the kit and place only the sponge filter in the sample jar.

5



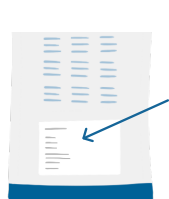
Take out the small syringe containing preservative and unscrew the cap. Dispense all preservative into the sample jar containing the filter.

6



Screw the jar lid on tightly, then shake the sample jar well to ensure distribution of the preservative throughout the filter.

7



Put the sample jar into the sample bag, and complete the sample information on the back of the bag.



If you would like more information including instructional videos, please scan the code to visit wilderlab.co/directions



Submit your samples online at wilderlab.co/submit-samples.

Print and sign the Chain of Custody (CoC) form that will be emailed to you after online sample submission. Include this in the parcel with your samples (no refrigeration necessary).

Send your samples and CoC form to the address provided in the auto-email.

An email will be sent to you after sample submission with details on where to send your parcel.

Send your samples back to us within one month from collection.

If this isn't possible, ensure that your samples are stored in a freezer at -20 °C until you send them.