

# Sample archiving field collections

Collect today for decisions tomorrow

As opportunities to collect potential eDNA source material expand but the questions to ask of it are too vast or complex to decide, don't waste the chance.

It can be logistically challenging to organise the field deployment, obtain the permits, and fund the journey, so make the most of your time and collect all the samples you can while you're onsite. Store what isn't in scope and decide on their analysis later.

Whether you're collecting a longitudinal biomonitoring program, or an ecological reference for potential remedial action, baseline samples can be incredibly valuable. However, until they're needed, they may hold a low value.

eDNA Frontiers has created speciality storage facilities to safe-keep field samples until needed. Source material such as water, water filters, sediment, biofoul, faeces, plankton nets, parts of organisms or extracted DNA can be submitted for cold storage.

**Baseline samples are incredibly valuable after an impact event and the ecosystem needs to be restored.**

Samples are prepared, split and placed into multiple monitored -80C deep storage facilities for long-term archiving. When required, samples can be easily retrieved and analysed using eDNA Frontiers vast metabarcoding assay library.

ENVIRONMENTAL DNA  
BIOMONITORING SOLUTIONS

Innovative technology solving complex environmental challenges through biodiversity profiling



Make tomorrow better.

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### For more information

Jarman, S.N., Berry, O. and Bunce, M. The value of environmental DNA biobanking for long-term biomonitoring. *Nat Ecol Evol* 2, 1192–1193 (2018). <https://doi.org/10.1038/s41559-018-0614-3>

## Sample experience

Water	Plankton tows	Sediment	Deposition arrays	Biofoul	Groundwater	Scats
Tissue	Plants	Fossils	Pollen	Stomach contents	DNA	Archiving

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