



## WHAT IS ENVIRONMENTAL BIOBANKING?

Biobanking is the systematic collection, preservation and management of samples such as water, soil and faeces.

At One Water, we help organisations transform routine environmental sampling into a secure, accessible, and future-ready biological archive.

These collections support long-term monitoring, research, and evidence-based decision-making across changing environments.



**MONASH**  
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**ONEWATER**

**Get in Touch**

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**Environmental  
Biobanking**

**PRESERVING TODAY'S  
SAMPLES TO ANSWER  
TOMORROW'S QUESTIONS**

## OUR CAPABILITES

We provide end-to-end support across environmental biobanking and analysis:

### Sample Biobanking

- Secure, long-term storage of water, soil, and faecal samples

### Sample Management

- Robust cataloguing systems to ensure traceability and accessibility

### Microbiome and Molecular Analysis

- Profiling of microbial communities and environmental DNA

### Targeted Testing

- Detection of specific organisms, pathogens, or indicators

### Advanced Sequencing

- Metagenomic and DNA-based approaches for deeper insight



## OUR SERVICES

- Environmental sample biobanking (water, soil, faecal)
- Long-term storage and archive management
- Sample tracking and metadata integration
- Microbial and molecular analysis
- Pathogen and contaminant detection
- Customised, project-specific testing
- Secure data governance



**BIOBANKING IN ACTION!**

