



EXPRO

SUSTAINABLE
ENERGY SOLUTIONS

Carbon Capture Utilization and Storage

Fluid Sampling and Analysis



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Expro provides a comprehensive suite of services to capture and characterize fluids from aquifers, injection zones, groundwater, soil and CO₂ injection streams. Our technologies ensure sample integrity is maintained and allow key water, gas and CO₂ parameters to be measured in the field or at the laboratory.

Detailed understanding of fluid composition is critical for effective aquifer appraisal and reliable monitoring, reporting and verification throughout a project lifecycle. Our solutions ensure efficient sample capture at all depths, using cutting-edge technology to preserve sample quality. Sample validation and characterization can be performed in the field, ensuring key properties are measured immediately and are representative of downhole conditions.

With a global laboratory footprint, Expro is your partner for in-well sampling, fluid analysis and CO₂ stream characterization, offering onsite contaminant assessment as well as extensive laboratory composition.

Capabilities

- Downhole and surface sampling
- Mobile Fluids Laboratory
- Sample transfer and validation
- Onsite analysis services
- Laboratory analysis
- Sample storage

Expertise

- Aquifer fluid sampling, transfer and validation with pressurized pH measurement
- Multi-Ion analysis for onsite scaling ions
- Handling and analysis of low GWR pressurized waters
- Global compositional capability
- Trace contaminant analysis
- CO₂ stream composition
- Near-surface soil vapor monitoring

Why Expro?

- 50 years of laboratory services
- Extensive water analysis track record
- 20 years of fluids services for CCUS
- Comprehensive provision from sampling to storage and disposal
- Tailored analytical solutions monitoring



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