

## Project Profile

<b>Project Name:</b>	2024 Groundwater Monitoring Program—Peace Region
<b>Project Number:</b>	ER-Water-2025-01
<b>Proponent:</b>	Western Water Associates Ltd. (WWAL)
<b>Funding Envelope:</b>	Environmental Research—Water
<b>Timeframe:</b>	June 1, 2024 to January 31, 2025

### Project description

This project will carry out groundwater sampling in the Peace Region of B.C. during the summer/fall of 2024.

### Project Background

This project builds upon research conducted in the Peace Region by the Energy and Environment Research Initiative (EERI), BC OGRIS and Geoscience BC from 2018 to 2021 related to dissolved methane in groundwater and gas migration.

### Project objectives

The objective of the groundwater sampling project is to collect 2024 data for comparison to previous data and assess any geochemical condition changes in the area.

### Project approach

The project will consist of the following tasks:

1. Collect groundwater samples from 24 existing groundwater monitoring wells.
2. Install data loggers at five selected wells.
3. Update the groundwater quality database with 2024 data.
4. Prepare a brief report describing methodologies and preliminary analysis of any changes in geochemical condition.

### Project deliverables

The deliverables from this project include the following:

1. Updated groundwater quality database.
2. Final report.