

IMPLEMENTING A TECHNOLOGY AND PILOT TESTING PROCESS FOR HYDRAULIC FRACTURING OPERATORS

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This project will build on the work completed for PTAC in the project 15-WIPC-05, Technology and Pilot Testing Evaluation Process. The project consists of 1 or 2 seminars and will provide attendees with a straight-forward methodology for determining the right questions to ask when evaluating the necessity of water treatment. This approach concentrates on the physical and chemical suitability of various waters (source, flowback, produced) for fracture fluids, taking into account potential interactions of these waters both at the surface and downhole. This evaluation process can be applied to both small-scale operations and larger water treatment facilities which may combine waters from multiple sources.

Policy Issue

Promoting water conservation, efficiency and productivity during development of unconventional oil

and gas resources in the Western Canadian Sedimentary Basin.

Knowledge Gap

Publicly available, timely and factual report on hydraulic fracturing water use for Alberta.