

Water



Surface Water

Groundwater Quality

Groundwater Quantity

Water Reuse, Storage and Treatment

Fracturing Fluid Additives and Regulations

Collaboration

Current Projects

2019

Alberta Water Tool – Water Use Reporting

Alberta Water Tool – Open Access

Alternative Water Source Life-Cycle Management Framework

Hydropti: A decision support tool for water management in oil and gas unconventional plays

2017

Strategic Water Management in Oil and Gas Unconventional Plays: Environmental Net Effects Evaluation

Investigation of Layflat Hose for Alternative Water Use Phase II: Risk Evaluation and Risk Management /

Best Management Procedures to Minimize Environmental Risk

2016

ENE Tool – Phase 2

Risk Assessment: Use of Layflat Surface Hose for the Transport of Alternative Water

Water Sources Data Centralization Project

2015

Develop Tool to Complete Environmental Net Effects (ENE) Assessment of Water Source Alternatives for Unconventional Gas

Completed General Water Projects

2017-2018

Alberta Water Tool

2013

Socio-Enviro Impact of Increasing Water Use in the Duvernay Formation