

Water Reuse, Storage and Treatment

2016

Implementing a Technology and Pilot Testing Process for Hydraulic Fracturing Operators

2015

Developing a Scope for a Water Treatment Technology Pilot

Identify Regulatory Challenges for Re-using Produced Water and Flowback in Alberta

Performance Analysis of Engineered Liner Systems Used to Store Saline Fluids in the Canadian Oil and Gas Industry: physical and environmental influences

2012-2013

Development of a Risk-based Criteria for the Treatment of Saline Water from Source Wells that Would Allow Storage in Unlined Earthen Pits and Transportation via Overland Pipelines

2011

Fracturing Fluid Flowback Reuse Feasibility Study and Decision Tool

Reuse of Flowback & Produced Water for Hydraulic Fracturing in Tight Oil

Sustainable Frac-Water & Produced Water Treatment & Recycle

2010

Assessment of the Practicality of Reusing Treated Produced Water from Shallow Gas Wells of the Western Canadian Sedimentary Basin

2009

Beneficial Use: Wastewater Treatment, Storage and Water Reuse

Beneficial Use of Pre-treated Produced Water and Related Salt Impacted Waters Using Advanced Ceramic Membranes

2007

Produced Water Beneficial Re-Use –High TDS Waters

Produced Water Beneficial Re-Use –Low TDS Waters