

What the test results tell us

The summary table shows the various tests carried out on the hydraulic fracturing wastewater at various stages.

Health Canada (HC) and Canadian Council of Ministers of the Environment (CCME) limits, as well as Nova Scotia Environment (NSE) limits are shown. The tables show the highest concentrations of elements tested in the untreated Kennetcook water, then tests following treatment of naturally occurring radioactive materials (NORMs) and reverse osmosis (RO).

The results indicate that the treated water is within Health Canada limits for naturally occurring radioactive materials. The water also meets national CCME guidelines for release into a water body.

The testing was conducted by accredited labs in Canada and the United States. In the case of the proprietary chemicals from the hydraulic fracturing process, the lab in Houston is the only facility we are aware of in North America that tests for these chemicals. Results show that the chemicals are below detectable levels.

The tests demonstrate that the water meets all federal criteria for safe disposal. As an added precaution, we are evaluating other testing options, which we will share with the community.

The full test results are online at
<http://www.novascotia.ca/nse/pollutionprevention/pubs.asp>