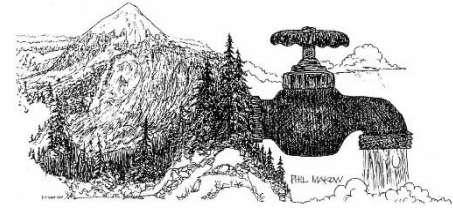


# B. C. TAP WATER ALLIANCE

Caring for, Monitoring, and Protecting  
British Columbia's Community Water Supply Sources

Email – [info@bctwa.org](mailto:info@bctwa.org)

Websites – [www.bctwa.org](http://www.bctwa.org) & [www.bctwa.org/FrackingBC.html](http://www.bctwa.org/FrackingBC.html)



June 24, 2015.

## *Cover Letter*

Attn: Dr. Ray Gosine, Chair, Hydraulic Fracturing Review Panel,  
c/o Office of Associate Vice-President (Research),  
Bruneau Centre for Research and Innovation, IIC-3067,  
Memorial University of Newfoundland, St. John's, NL, A1C 5S7.  
Email – [contact@nlhfrp.ca](mailto:contact@nlhfrp.ca)

## **Submission to: Newfoundland and Labrador Hydraulic Fracturing Review Panel**

The B.C. (British Columbia) Tap Water Alliance (BCTWA) submits five documents to the Newfoundland and Labrador Hydraulic Fracturing Review Panel, noting its mandate to comprehensively examine the “socio-economic and environmental implications of the hydraulic fracturing process with respect to the possible exploration and development of the petroleum resources of Western Newfoundland.”

The following is a list of the five pdf-formatted documents, which are attached in our June 24, 2015 email to the review panel chair, Dr. Ray Gosine.

1. [\*\*\*A Chronological & Single Document Reference Tool: For PSE's \(Physicians, Scientists & Engineers's\) Healty Energy Citation Database on Shale Gas & Tight Oil Developments.\*\*\*](#) Compiled and edited by Will Koop, Coordinator, B.C. Tap Water Alliance, Version 2.0., 478 pages.

This lengthy document was recently updated on June 23, 2015, and includes about 555 peer-reviewed citations. The material is arranged chronologically, in terms of when publications first became available on the internet. Normally, the PSE's database only allows articles to be reviewed separately, or individually. The advantage of this document allows the interested reader to examine all the introductory information, and is word-searchable. This document, provided to the panel ahead of publication, will be released on the BCTWA's website on the evening of June 25, 2015.

2. BCTWA Media Release, March 10, 2015: [\*\*\*Did the Countil of Canadian Academies' Frack Panel 'Cherry-Pick' the Scientific Evidence on Harms from Fracking?\*\*\*](#)

This media release accompanied the publication of Version 1.0 of the above-mentioned PSE Reference Tool document (released on March 10, 2015), and examines deficiencies in the Council of Canadian Academies' Frack Panel's review of scientific literature for its May 2014 national assessment report, *Environmental Impacts of Shale Gas Extraction in Canada*. The comparative table on page 2 of this media release will be updated in the near future, as additional citations have been recorded on PSE's recently updated database.

3. [\*Brief Review of Threats to Canada's Groundwater from the Oil and Gas Industry's Methane Migration and Hydraulic Fracturing\*](#), by Ernst Environmental Services, June 16, 2013, 93 pages.

4. BCTWA Media Release, June 16, 2013: [\*Contamination of North America's Groundwater from Fracking \(Hydraulic Fracturing\) Revealed in New Case History Catalogue\*](#).

Quotes from Media Release:

Alberta-based environmental consultant Jessica Ernst just released the first comprehensive catalogue and summary compendium of facts related to the contamination of North America's ground water sources resulting from the oil and gas industry's controversial practice of hydraulic fracturing (fracking).

Based on research collected over many years, the 93-page report, *Brief Review of Threats to Groundwater from the Oil and Gas Industry's Methane Migration and Hydraulic Fracturing*, looks to be a game-changer document, providing little 'wriggle room' for private industry and government spokespeople advocating fracking's immunity from public concern, criticism and liability.

"Jessica Ernst has made a strong case," notes Will Koop, B.C. Tap Water Alliance Coordinator.

"Her collection provides excellent and technically friendly working tools, enabling the public to draw their own conclusions from the critical information. This is not just an invaluable document for North Americans, but for the world."

5. BCTWA Media Release, July 12, 2013: [\*The Big Squeeze: North American Regulator and Protective Agency Close Controversial Groundwater Contamination Cases\*](#).

Quotes from Media Release:

Within the span of 6 days, from June 14 - 20, 2013, an intriguing and significant chain of events occurred in Canada and the United States concerning governmental investigations and studies of groundwater contamination from fracking (hydraulic fracturing). The Province of Alberta's energy regulator, the Energy Resources Conservation Board (ERCB), and the United States Environmental Protection Agency (EPA), both suddenly announced they were terminating ongoing investigations of groundwater contamination. In the middle of this muddle, the EPA shocked the American citizenry announcing that the agency was delaying its comprehensive study of fracking – ongoing since 2010 – by two more years.

"Big oil and gas have strategically squeezed North American governments to thwart and cover up cumulative pollution and toxic crimes by silencing scientific investigations on their thousands of above-ground and below-ground experimental fracking sites," notes Will Koop, B.C. Tap Water Alliance Coordinator. "The international strategic thrust of the industry's big squeeze on forensic science emanates from a deep originating fear and vulnerability from liability suits and the linked threat of excommunication from industry's top underwriting insurance companies. By the added ability of energy corporations to hide and seal untold hundreds of groundwater contamination and related cases through confidentiality / non-disclosure agreements with landowners, North Americans continue to face a grim and Orwellian future."

Sincerely, Will Koop,  
BCTWA Coordinator.