

Potential causes related to boil-water advisories affecting reserves in BC**GEOG 204****November 2020****By -----**

Hi -----,

I am interested in seeing the results of your project. I suggest you chat with your TA to ensure you can get the layers necessary as well as flushing out your project.

Scott

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Canada has the world's third-largest renewable freshwater supply worldwide and there is about 104 million litres of freshwater per person (Jamin & Cheung, 2019). The concern I'd like to bring attention to for my project is the fact that the federal government of Canada is still marginalizing Indigenous communities across Canada by not providing them with clean and safe drinking water. I am narrowing down the research to British Columbia to focus on First Nations who are still on a "boil water advisory" or a "Do Not drink advisory". There is evidence that shows there may be impacts to these watersheds from local logging, mining, and pipeline construction that are too close to these waterways (Ball, 2019). Many of these provincially approved projects are funded by the government while these First Nations are still marginalized and some have not had access to clean drinking water for years (BC Gov, 2020). Not supplying clean drinking water is a violation of the Indian Act and the Charter of Rights and Freedom and resource development should not take precedent over these basic human rights (Jamin & Cheung, 2019).

The full citation for these focused resources can be found on the reference page:

Water insecurity in Canada:

This is a journal article that focuses on water insecurity for Indigenous peoples across Canada. There are great examples of communities that are directly affected by hydroelectric development and chemical runoff from nearby resource industries. The article also provides lots of legal information regarding treaties, the Indian Act, and World Health Organization water safety guidelines.

First Nations Health Authorities (FNHA):

This is a very useful web page with updated information regarding First Nations in BC that have water advisory warnings. FNHA currently monitors 285 community water systems across 193 First Nations in British Columbia. On this web page, you can also find information about the population size of the reserves and if the water system is financially supported by Indigenous Services Canada (ISC).

Data Catalogues from the BC government website:

I plan on using data from this resource to collect information on permitted metal and coal mines, watershed data, logging data, reserve boundaries, and oil and gas construction. With this information, I should be able to have a clear picture of how many watershed areas near and on reserves are affected by these government permitted projects.

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