

OCTOBER 3, 2018

LEAD SAMPLING PROTOCOL FOR PENELAKUT ISLAND LEARNING CENTRE



Penelakut Island Learning Centre follows and adheres to the policy below:

Testing Lead Content in Drinking Water of Independent School Facilities

Date came into force or revised

Effective January 1, 2017

Status

Current

Policy statement

Independent school authorities are expected to test for lead content in drinking water in their school facilities to ensure it meets provincial requirements established by the Ministry of Health, such as the Guidelines for Canadian Drinking Water Quality for lead.

Authorities should take reasonable and prompt steps to resolve elevated lead levels that are outside established guidelines on any drinking water quality test results.

While this policy specifically addresses lead content in drinking water, the Ministry of Education expects independent school authorities will work with appropriate health authorities to address other issues that affect the quality of water as prescribed under applicable provincial and federal legislation.

Band operated schools operating on First Nations reserves should work with the BC First Nations Health Authority.

Rationale or purpose of policy

Student health and safety is a concern shared by all parties in the K-12 education system. This policy provides minimum requirements for testing lead content in drinking water of school facilities, reporting of the results, and mitigation strategies to eliminate or reduce any risks to students and staff.

Authority

- [Drinking Water Protection Act](#)
- [Drinking Water Protection Regulation](#)
- [Public Health Act](#)

- [Independent School Act](#)

Policy in full

All water suppliers in the province are required to test their water regularly. This includes small private systems (such as restaurants), cooperatively owned systems (such as strata properties), and larger municipal systems owned by local governments. Independent school authorities operating private water systems must contact their local health authority to ensure they are meeting all testing requirements.

Independent school authorities are responsible for ensuring the overall safety of their facilities, including, the quality of drinking water within their systems and plumbing. Independent school facilities must comply with the enactments of British Columbia, including those relating to health, safety, and water quality.

Procedures related to policy

Authorities are expected to consult with the appropriate Health Authority to develop a water quality lead testing program for drinking water in their school facilities that would outline the following;

1. Risk assessment
2. Water testing
3. Communication plan
4. Mitigation strategies

Water Testing Requirement

Initially, all outlets that provide drinking water in school facilities should be tested for lead content by December 15, 2017. The Ministry of Education will be monitoring compliance with this requirement. **It is the Ministry of Education's expectation that authorities will complete lead content testing on all school facilities once every 3 years. As a best practice, annual testing is recommended.**

Authorities are to work with the appropriate Health Authority to determine a testing program for their school facilities. The testing procedure and amount of samples taken at each facility shall be determined in consultation with the Health Authority. All test results must be shared with the Health Authority.

Mitigation Strategies

If sample results reveal lead levels exceed concentration of 0.010 mg/L (based on maximum allowable concentration--[Guidelines for Canadian Drinking Water Quality](#) by Health Canada), the independent school authority, in consultation with the appropriate Health Authority, should undertake mitigation strategies which may include:

1. Flushing regimes
2. Deactivation of water sources and supplemental signage
3. Installation of filtration systems
4. Plumbing upgrades
5. Or other steps that result in reducing the exposure to lead to acceptable levels

Communication and Reporting Requirements

In the event that testing finds drinking water concentrations of lead at or above the maximum acceptable level, the Independent School Authority must:

- a. Immediately inform the Independent Schools Branch of the issue. Ongoing compliance with this policy will be confirmed during monitoring visits and external evaluations.
- b. Work collaboratively with the appropriate Health Authority to communicate the results of testing lead content in drinking water to parents, students and staff by describing the following:
 - o rationale for testing lead in drinking water,
 - o identify partnership with the Health Authority to work toward a solution,
 - o state results of sampling,
 - o identify mitigation strategies implemented or being consider by the authority, and
 - o provide contact information for the authority and the Regional Health Authority for parents, students and staff to request further information.

Ongoing monitoring visits and external evaluations will confirm compliance with this policy. Testing results should be recorded by using the [Ministry of Education's Independent Schools Drinking Water Reporting Tool](#) and updated as part of the ongoing testing cycle outlined above.

Penelakut Island Learning Centre uses First Nations Health Authority to complete lead and copper sampling as per First Nations Health Authority *Lead Sampling Protocol for Daycare and School Facilities*. 2018

