



# Interior Health

## Lemon Creek Fuel Spill - Interior Health Audit Sample Testing Results -

In support of the coordinated emergency response and clean-up for the Lemon Creek fuel spill, Interior Health (IH) Environmental Health Officers have been responding to enquiries and conducting site assessments of individual properties. This includes collecting audit samples at several locations to complement the findings of the broader environmental sampling effort (see [Lemon Creek Fuel Spill-Sample Results-IH Assessment](#)). The following table summarizes where IH Environmental Health Officers have collected audit samples and the corresponding testing results.

Sample # Date	Location	Type of Water Source	Summary of Test Results
1 Aug 12	7783 Kennedy Rd. in Lemon Creek	Well – approx. 24m deep & 30m from Lemon Creek	All results were below detectable limits
2 Aug 12	Filipoff Rd. in Winlaw	Well - Shallow & approx. 12m from Slocan River	All results were below detectable limits
3 Aug 12	4120 KickWilly Rd. in Vallican	Well - Shallow & less than 30m from Slocan River	All results were below detectable limits
4 Aug 12	3635 Tonis Lane in Passmore	Surface Intake – approx. 30cm from Slocan River bottom	All results were below detectable limits
5 Aug 13	7779 Kennedy Rd. in Lemon Creek	Well – 23.8m deep & 15m from Lemon Creek	All results were below detectable limits
6 Aug 13	6292 Youngs Rd. in Appledale	Well - Depth unknown & approx. 244m from Slocan River	All results were below detectable limits
7 Aug 13	Winlaw School, SD 8	Well - Depth unknown & approx. 30m from Slocan River	All results were below detectable limits
8 Aug 14	Passmore Park Developments	Surface Intake – approx. 30cm from Slocan River bottom	All results were below detectable limits
9 Aug 14	7114 Perry's Back Rd. in Appledale	Well - Depth unknown & less than 30m from Slocan River	All results were below detectable limits
10 Aug 14	7779(b) Kennedy Rd. in Lemon Creek	Well - Depth unknown & less than 30m from Slocan River	All results were below detectable limits

Complete, more detailed results of Interior Health audit sample testing are available at <http://www.interiorhealth.ca/YourEnvironment/EmergencyPreparedness/Documents/Slocan%20Valley%20Results.pdf>. Samples were tested for a broad spectrum of potential contaminants associated with fuels. Based on product information for Jet A1 fuel and sampling of the spill site, the principle parameters of concern were:

- Ethyl-benzene, Toluene, and Xylene
- Volatile and light extractable petroleum hydrocarbons
- Polycyclic Aromatic Hydrocarbons (e.g. Naphthalene, Phenanthrene)

**Audit samples to date have all tested below detectable limits for these parameters.**

IH Environmental Health Officers continue to respond to requests for site assessments and collect samples as required. All sampling data collected by Interior Health is provided to the property owner and made public. If you have concerns about your drinking water supply, please contact Interior Health at 250-420-2220.

August 2013