



BC Crown Contaminated Sites Program Site Summary



Ymir—Protection

Location: 49° 18' 47" N, 117° 10' 21" W

Status: Site Investigation and Risk Assessment

The former Ymir and Protection mines are in the West Kootenay region south of Nelson, BC, and 4.5 km east of the Town of Ymir next to Wildhorse (Ymir) Creek. Most of the mining operations were conducted between 1900 and 1942 and targeted a sulphide ore deposit containing commodities such as gold, silver, lead, and zinc. The main tailings deposit from the milling operations is situated next to the Wildhorse (Ymir) Creek with a smaller tailings deposit and a former crusher located upgradient to the northeast. The former mill location and underground mine workings are located on private property to the east. A modified

preliminary site investigation was completed in 2008 and a limited detailed site investigation and ecological and human health risk assessment was completed in 2009. Primary contaminants of concern identified include arsenic, cadmium, lead and zinc. Additional site inspections and groundwater investigations were completed in 2010 and 2014. Future work will include a detailed site investigation and creation of viable remediation options.

If you have questions or would like more information, please contact the Crown Contaminated Sites Program by emailing contaminated.sites@gov.bc.ca or visit our website <https://www2.gov.bc.ca/gov/content/environment/air-land-water/site-remediation/contaminated-sites/crown-contaminated-sites-program>.