



BC Crown Contaminated Sites Program Site Summary



Emerald Glacier

Location: 53° 44' 03" N, 127° 15' 35" W

Status: Long-term Monitoring & Maintenance

Remediation of the Emerald Glacier mill and tailings site was initiated in the summer of 2013. Areas with high metal concentrations were covered with a one-metre thick, compacted, glacial till cover. A containment berm was integrated into the cover design to isolate contaminants from a nearby fish-bearing creek. The former mill water supply reservoir was decommissioned, returning the drainage to conditions similar to pre-mining. Since 2013, post-remediation monitoring has been underway to assess the success of the remedial works. The physical condition of all features is inspected and water

samples are collected from the creek and groundwater monitoring wells. Based on the inspection results, additional revegetation was carried out in 2016. Monitoring was reduced from twice a year to once a year in 2017. Following completion of the 2019 monitoring event, the monitoring frequency was further reduced to once every five years.

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>.