



BC Crown Contaminated Sites Program Site Summary

Millstream Meadows

Location: 48° 28' 52" N, 123° 30' 32" W

Status: Site Investigation and Risk Assessment

The Millstream Meadows site in the District of Highlands, just outside of Victoria, BC, operated as an unregulated disposal facility for septage wastes between the early 1940s and 1985. It received material such as waste from septic systems and other trucked liquid wastes, including oily wastes. The liquid wastes were discharged with few controls into a series of three lagoons at the site. The Capital Regional District (CRD) acquired the property in 1984 and closed the site in 1985. In the late 1980's two of the lagoons were filled with construction debris materials and covered with soil, forming the meadows.

The Province and the CRD have conducted environmental investigation and remediation since 1995. The CRD, with the support of the Province, began work to clean up the site in 2008, when it excavated the worst of the contaminated soils from Lagoon 1 and a portion of Lagoon 2. In 2011, the excavation was filled in with clean gravel. Since the remedial excavation in 2009, the CRD has continued to monitor groundwater, surface water, and soil gas quality. Since 2016, the CRD has implemented a multi-phase detailed site investigation

with the intention to fully delineate the degree and extent of contamination. The use of downhole geophysics, multi-level monitoring well installations and specialists from the University of Guelph, has been instrumental in understanding groundwater flow and contaminant migration in deep fractured bedrock. This information was used to ensure that monitoring wells were correctly located to identify any possible migration pathways for contaminants. Since 2018, additional monitoring wells were installed both on and offsite to confirm the extent of the impacts. Risk assessment and capping activities are expected to occur in 2021. The Province and CRD are working toward obtaining a risk-based Certificate of Compliance for the site.

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>.

