

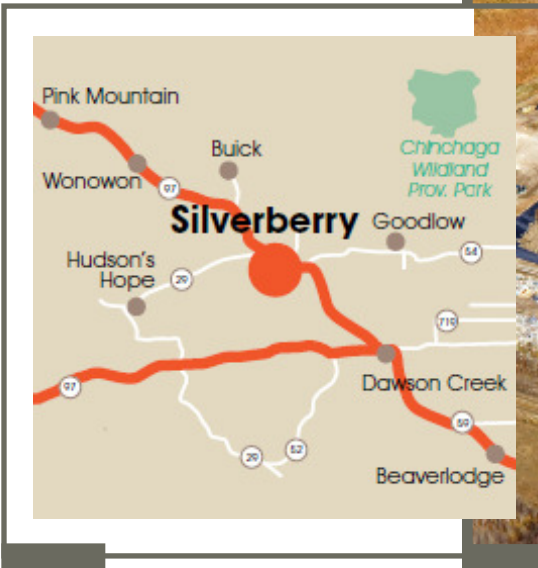


Silverberry Secure Landfill

CCS LANDFILL SERVICES

PLANT PROFILE

Hours of Operation	7:00 am to 7:00 pm, 7 days a week (hours are subject to change during road bans, please call to confirm)
Location (LSD)	Block A-18-088-20 W6
Directions to Facility	From Ft St John travel north approximately 43 km on the Alaska Hwy to mile 73 turn right on the Beatton Airport road and travel 11 km facility is on the right hand side about half a km past the train tracks
Mailing Address	9940-102 Ave, Fort St John, BC V1J 2E1
Phone	(250) 827-6834
Fax	(250) 827-6835
Area Sales and Marketing	(250) 793-0255
Class and Approval	Secure Landfill
Permit Number	Landfill permit # PR17150-Landfarm permit # PR10758
LF Design	The Secure Landfill incorporates a composite liner system, a primary top liner, consisting of a 60 mil high density polyethylene (HDPE) liner underlain by a 0.6 m thick compacted clay liner (CCL). This lies above a leak detection system and a second 0.6m thick CCL liner. The leachate collection and removal system consists of a series of gravel filled trenches with perforated collection piping above the liner system, overlain by either a .6m permeable granular layer or a geocomposite material across the entire base of the landfill cell. Liquid removed from the leachate vault is deep well disposed at our Silverberry TRD facility. The leak detection system between the primary composite liner and the secondary CCL liner consists of high flow geonet synthetic drainage media connected to a drain system and a collection sump
Groundwater Monitoring	A ground water monitoring program is in place with onsite monitoring wells located both up-gradient and down-gradient of the landfill cells. Sampling occurs twice a year with analysis compared to background analysis and past groundwater sampling events. Analytical reports are available for viewing at the site. Results are submitted annually to the appropriate regulatory authority Surface water is managed to prevent clean surface water from entering the landfill. Any water inside the landfill is contained and collected as leachate
Surface Water Controls	All surface water is diverted and collected into a storm water retention pond located northwest of the bioremediation cells. All water is tested by a third party accredited lab in accordance with surface water discharge criteria, water not meeting the discharge criteria is deep well injected at the Silverberry TRD
Waste Acceptance Protocol	The Waste Approval Application (WAA) is submitted along with appropriate third party accredited lab analytical attached. The waste stream is approved for disposal by the landfill and an approval number is issued. The first load from every approval location is tested along with random sampling of waste streams entering the facility. Testing parameters include parameters used to approve the waste stream
Waste Placement	Facility utilizes a three dimensional alpha numeric grid locating system with surveyed elevations. Documentation is maintained showing the location of each load
Waste Tracking Documentation	All approved loads must be accompanied by a completed CCS Nonhazardous Waste Docket or a Federal manifest (HW). The docket/manifest serves as a Waste Disposal certificate



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Plant Biography

The Silverberry Secure landfill first opened in October of 2002 and was CCS's first venture into the province of British Columbia. The Silverberry Landfill can accept non-hazardous waste and is also the only CCS facility that can take hazardous waste for direct disposal. The landfill is located on 75 ha of land that has been cleared of trees and has been cultivated for a number of years; the surrounding area is generally undeveloped forest. Roads leading to the site are paved and are not subject to seasonal road restrictions less than 100% legal roads restrictions. The construction of cell 2 and 3 was started in Aug 2004 and completed on November 2004, construction of cells 4 & 5 are starting on May 1 2006 and completed in mid summer 2006