



Janvier Class II CCS LANDFILL SERVICES

PLANT PROFILE

Hours of Operation	7am to 7pm daily
Location (LSD)	S ½ 03-081-06W4
Directions to Facility	Facility Location is 120 km south of Fort McMurray, or 150 km north of Lac La Biche, on Hwy 881 (KM 226)
Mailing Address	Bay E, 6209-50th Avenue, Lloydminster, Saskatchewan S9V 0G4
Phone	(780) 792-8153
Fax	(780) 742-8068
Area Sales and Marketing	(780) 614-5383
Class and Approval	Class II Landfill
Permit Number	Alberta Environment #230814-00-00
LF Design	An Engineered Class II Landfill featuring a composite liner comprised of a 1.0m thick compacted clay liner (CCL) covered by a 60 mil high density polyethylene (HDPE) geomembrane liner, along with a leachate collection system. Combined permeability of both liners exceeds regulatory requirements. Cell construction is subject to a strict QA/QC Program managed by third party Professional Engineering Consultants
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 Controls	Surface water is managed to prevent clean surface water from entering the landfill. Any water inside the landfill is contained and collected as leachate
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	Every load of waste coming to the site must be accompanied by a CCS Non Hazardous Waste Docket, complete with approval number. This waste docket serves as a certificate of transportation and disposal