

# La Glace Landfill



## ENGINEERED LANDFILL DISPOSAL



### Plant Profile:

Hours of operation	7:30AM to 6:00PM, 7 days a week
Location	NE1/4 15-073-09W6
Directions to facility	16 km north of Hwy 43 on secondary Hwy 723. 10km west on Secondary Hwy 672, 2km north on Range Road 93.
Address	RR1 Site1 Box 5, Sexsmith AB T0H 3C0
Phone	780-356-0007
Fax	780-356-2159
Class and Approval	Class II Landfill
Permit Number	AENV 154484-00-00
LF Design	An Engineered Class II Landfill featuring a composite liner comprised of a 1.0m thick recompact clay liner 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 4 wells located up gradient of the landfill cell and 5 wells located down gradient of landfill cell. Sampling occurs 2 times a year with analysis compared to background analysis. Analytical reports are available for viewing on 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	A three step process that begins with: 1) the application for disposal (WCD) submitted with third party accredited lab analytical attached. 2) The first load from every location is tested along with random sampling of waste streams entering the facility. Testing for gross parameters including; flashpoint, pH, paint filter and NORM detection. 3) A overhead camera system is used so the scale operator can visually inspect every load arriving on site.
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 Non-hazardous & Non-dangerous Waste Manifest. Manifest serves as a Waste Disposal certificate.
Expansions	Cell 3 expansion will be constructed in July of 2004
Plant bio	La Glace Landfill was constructed in the Spring of 2002 and approved to operate on July 23, 2002. Cell 2 was constructed in the Spring of 2003 and operational in July of 2003. Cell 3 is scheduled for construction in July of 2004. La Glace Landfill is open 7 days a week and have staff available to do waste approvals during regular operating hours. CCS contract operates the West Grande Prairie Regional Landfill located adjacent to our site. Access to CCS La Glace landfill is not subject to seasonal load restrictions

#### Contact:

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