

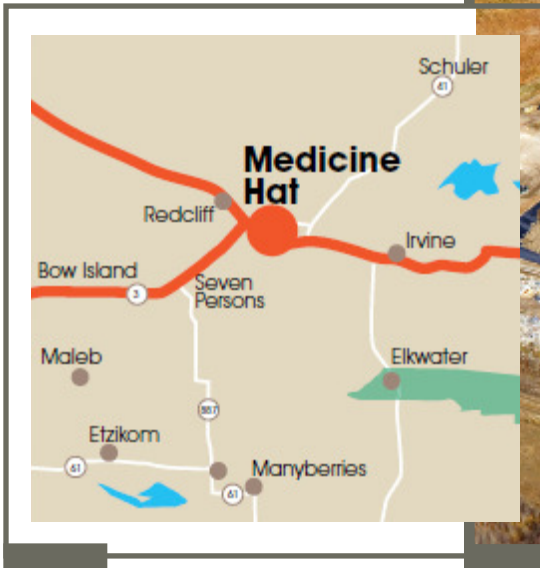


City of Medicine Hat Industrial Landfill

CCS LANDFILL SERVICES

PLANT PROFILE

Hours of Operation	Summer Hrs: from April 1, 8am to 5pm, 7 days a week, or by appointment. Winter Hrs: from November 1, 8 am to 5 pm Monday to Saturday, closed Sundays
Location (LSD)	Sections 03 & 04 -013-5 W4M
Directions to Facility	North on Hwy 41 off of Hwy number 1 and 8 kilometers west on Hwy 41A. The landfill is on the north side of the Hwy
Mailing Address	N/A
Phone	N/A
Fax	(N/A)
Area Sales and Marketing	(403) 634-7323
Class and Approval	AENV Class II Landfill and MSW
Permit Number	78246-01-00
LF Design	<p>The design of the cell complies with the criteria outlined in ERCB ID 99-04 and the Draft Standards and Guidelines for Landfills in Alberta for no limits on total petroleum hydrocarbons or chlorides for disposal. The industrial and oilfield waste disposal cells are designed with:</p> <ul style="list-style-type: none"> • A leachate collection and removal system (perforated pipe system graded to drain to a main sump in the center of the cell) • A one (1) meter thick compacted clay and a partial high-density polyethylene (HDPE) liner <p>Common waste streams accepted include:</p> <ul style="list-style-type: none"> • Contaminated soils from spills and site remediation projects • Produced water and chlorides contaminated soil • Fly ash • Hydrocarbon, salt or other contaminated soils • Drilling waste (cuttings) • Asbestos
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 as per ground water monitoring plan 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



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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
Plant Biography	Industrial cell number one opened in October of 1998. The industrial cell is able to take both industrial and oilfield waste streams. The majority of waste disposal is of the upstream variety. The landfill facility also accepts MSW