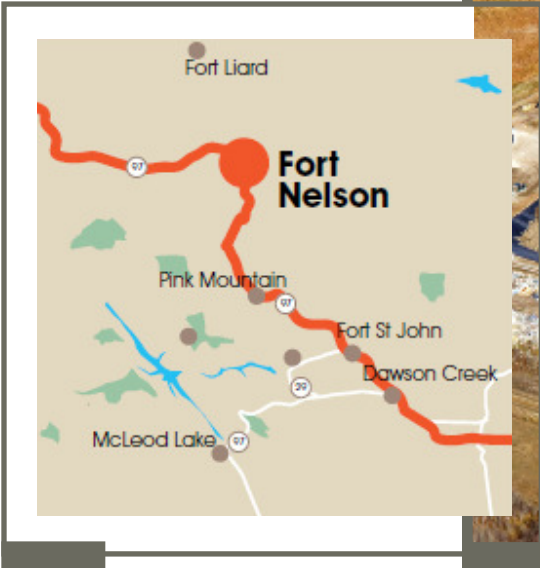


Northern Rockies Landfill

CCS LANDFILL SERVICES

PLANT PROFILE

| | |
|-------------------------------------|--|
| Hours of Operation | 7am to 7pm, 7 days a week, or by appointment |
| Location (LSD) | Mile 285 Alaska Highway, a-77-6/94-J-10 |
| Directions to Facility | The facility is located ~20 km south of Fort Nelson at Mile 285 on the west side of the Alaska Hwy |
| Mailing Address | PO Box 1049 Fort Nelson, BC V0C 1R0 |
| Phone | 250-774-3027 |
| Fax | 250-774-3028 |
| Area Sales and Marketing | 250-793-0255 |
| Class and Approval | Non-Hazardous Waste/Hazardous Waste Direct Disposal |
| Permit Number | British Columbia Ministry of Water, Land and Air Protection Permit #PS-15866 and #PR-16078 |
| LF Design | The Engineered Class II industrial disposal cells (Cells 1A, 1B and Cell 2) contain a perforated pipe leachate collection and removal system underlain by an engineered composite liner system made up of 60 mil high density polyethylene (HDPE) geomembrane over 0.6 meter and 1 meter respectively of compacted clay. The composite liner exceeds the regulated minimum for industrial landfill construction. Landfill site also contains a Hazardous Wastes (previously BC Special Waste) Treatment area with 1 meter thick compacted clay liner. The treatment area is used for the treatment of hydrocarbon contaminated soils that contain hydrocarbons >3%. The area is surrounded by berms to prevent run on water from entering the treatment area |
| 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. The treatment pad is graded to direct all precipitation into an HDPE lined collection pond. The collected run off is re-circulated in the windrows of contaminated material to aid in the bioremediation process. Any clean surface water is collected in a pond so it does not enter the landfill |
| 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 or a provincial waste manifest, complete with approval number. This waste docket serves as a certificate of transportation and disposal |



Northern Rockies Landfill

CCS LANDFILL SERVICES

PLANT PROFILE

| | |
|--------------------------|---|
| Plant Biography | The Northern Rockies Waste Management facility and Hazardous Waste Treatment facility was taken over by CCS Landfill Services/ Hazco Environmental in May of 2004. The facility is able to take and dispose of BC Hazardous Wastes with hydrocarbons >3% for bioremediation for permanent disposal. The facility also has on site a sewage settling pond area |
| Other Information | The HDPE lined cell (Cell 1A) was expanded in 2005 (Cell 1B). Proposed industrial cell 2 expansion in 2006/2007 Cell 3 hazardous waste cell completed in Sept 2009 |