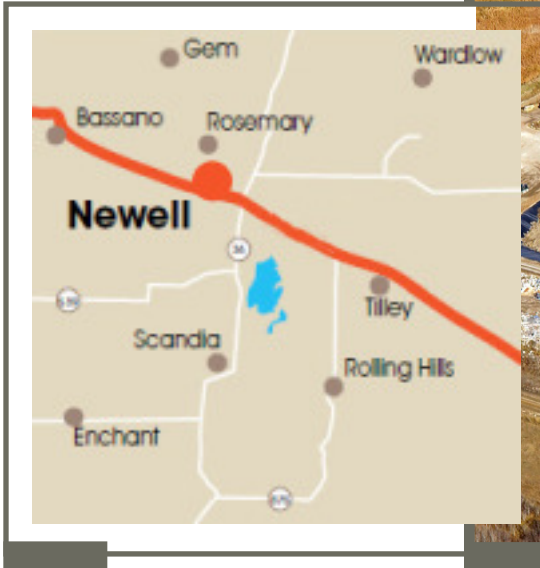


Newell Landfill

CCS LANDFILL SERVICES

PLANT PROFILE

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| Hours of Operation | Summer Hours: April 1, Monday to Saturday 9 am to 4 pm or by appointment. Winter Hours: November 1, Monday to Friday, 9 am to 4pm Saturday 10 am to 2 pm |
| Location (LSD) | LSD's 1,2,3 & 4 of 34-019-15W4 |
| Directions to Facility | The facility is located 1 mile north on Hwy 36 from Hwy 1 |
| Mailing Address | Box 1871, Brooks, AB T1R 1C6 |
| Phone | (403) 362-5188 |
| Fax | (403) 501-0212 |
| Area Sales and Marketing | (403) 634-7323 |
| Class and Approval | Class II Landfill |
| Permit Number | 70354-01-00 |
| LF Design | <p>The industrial and oilfield waste disposal cell is designed with:</p> <ul style="list-style-type: none"> • A leachate collection and removal system consisting of a perforated pipe system graded to drain through a granular drainage matrix to a collection sump • One meter thick engineered clay liner system. The design and performance of the liner system in place meet the criteria outlined in ERCB ID 99-04 and the Draft Standards and Guidelines for Landfills in Alberta for no limits on total hydrocarbons or chlorides concentration in waste submitted for disposal. |
| 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 |
| Waste Placement | Facility utilizes a three dimensional alpha numeric grid locating system with surveyed elevations. Documentation is maintained showing the location of each load |



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| 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 | The Newell Industrial Landfill facility opened in 1998. The industrial cell is able to take both industrial and oilfield waste streams. The majority of waste disposal is of the upstream variety. Access to CCS Newell Landfill is not subject to seasonal load restrictions |