



Westside Landfill Newsletter

June 2009

Welcome to the June update on the operations of the Westside Landfill.

- During June, we don't anticipate any unusual operations at the landfill.
- With the additional cover materials received, the berm along the southeastern side of the landfill property adjacent to the upper cul-de-sac on Alexandria Way was increased.
- Dust control and watering of roads will continue as required in drier conditions.
- During May, the new road to the centre of the landfill was activated to service the remaining southend areas of the landfill for depositing materials and bringing the landfill to final slope and grade in preparation for closure.
- Please be aware that as we move to final grading and sloping of the south end of the landfill for closure, it's expected that rough contouring and sloping work may result in some temporary openings of previously buried materials and dispersal of odours. Should this occur, cover materials will be replaced at the end of each daily working period in an attempt to reduce any inconvenience.

Please note that these are anticipated plans for operations at the landfill and are subject to change.

News and Information

Tentative Waste Diversion Dates

- As of June 1st all commercially collected waste (garbage, construction and demolition, yard waste and other materials) is diverted to the City of Kelowna Glenmore Landfill. However as the Westside Landfill is still an open and active site, there may be occasional deliveries of garbage from commercial haulers past June 1st in order to get the landfill to grade and contours for closure.
- By early summer/late June yard waste collected through the residential curbside program and white wood drop off should be diverted from the Westside Landfill to the Glenmore Landfill.
- It is anticipated that chipping will cease at the Westside Landfill once the landfill is closed.
- We anticipate at current rates that sometime during the fall, we will reach final grade and contour levels and will stop accepting material for burial in the Westside Landfill.
- Residential self-haul waste will continue to be collected at the Westside Landfill for approximately two years until upgrades are in place to handle the expected increase in self-haul traffic at the City of Kelowna Glenmore Landfill. It's anticipated these materials will be transported by truck from the Westside until residential self-haul is accepted at the Glenmore Landfill from Westside residents.

Landfill Gas Monitoring and Preliminary Vapour Risk Assessment Report

- The Regional District Governance and Services Committee received this report into vapour analysis around the perimeter off the landfill site. Golder Associates conducted the testing and analysis in addition to its annual environmental monitoring and testing program (including Groundwater monitoring) as required by the Ministry of Environment. The purpose of the study was to assist the Regional District as it plans for the closure of the landfill and to provide guidelines for any future development adjacent to the site.

The report conclusions suggest that the estimates from all Volatile Organic Compounds were below the acceptable risk value for workers at the landfill site, future recreational users of the site and residents living adjacent to the facility. In addition, methane concentrations were also measured and found to decrease with distance from the landfill. It was noted that landfill gas levels could change over time and will continue to be monitored.

Generally, the Westside Landfill is considered a relatively dry site and as such the report recommends a review of final capping and cover materials to allow the safe natural release of gas vapours to from the site; the installation of a passive gas venting system through a series of vertical wells to the north and east of infilled solid waste and continued monitoring of gas levels between the venting system and adjacent development areas. The report also recommends consideration of a 60-meter setback from the property line for development to the north.

This report will also be considered in development of a Final Closure Plan and ongoing monitoring program for the landfill.

The Regional District will advise stakeholders and adjacent residents of the date, time and location of an information meeting involving staff and District of West Kelowna regarding this study.

Final Concept Closure Plan

Consultant CM2H Hill recently concluded a draft on the Final Concept Closure Plan for the Westside Landfill. It is anticipated the concept plan will be presented for consideration of the Regional Board and District of West Kelowna Council. Information on the Final Concept Closure Plan will be presented during a public Information Meeting to be scheduled and advertised at a future date.

It's anticipated the Regional District will soon seek requests for proposals from qualified consultants for preparation of a Final Closure Plan as required by the BC Ministry of Environment that will outline specific steps for completing closure, rehabilitation and landscaping, ongoing monitoring and testing programs and future uses of the site.

Landfill Closure webpage

Information regarding the planned closure during 2010 of the Westside Landfill is available online at www.regionaldistrict.com and selecting Quick Links and the Landfill Closure menu option. There are also links available to documents such as the 1997 Operational Certificate, 1993 Closure Plan and past newsletters.

Should you have any questions or comments please forward them to Bruce Smith, RDCO Communications Coordinator and we'll do our best to provide answers for you.

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