

Expression of Interest for Select Waste Concrete and Asphalt Disposal

Vancouver Landfill, Delta, BC (At Hwy 99 & Hwy 17)

Background

The purpose of this Expression of Interest is to identify sources of clean waste concrete and asphalt for disposal at the Vancouver Landfill.

The Landfill, located at 5400 72nd Street in Delta (at Hwy 99 & Hwy 17), is responsible for the management of municipal solid waste from commercial and residential sources.

Concrete, asphalt and other similar materials are required for road upgrades or leachate drainage purposes. These materials may be accepted for free (zero dollars per tonne) until the desired quantity is reached.

These materials will be crushed and therefore it is critical that no asbestos or metal be present. For example, metal pile caps are not allowed because they will seriously damage the crusher and it is hard to sort them out because they look like chunks of concrete.

Source & Materials Requirements

A minimum of 100 tonnes per source is required that includes one or more of the following waste materials:

- ✓ asphalt pieces (up to 1m long and 0.15m thick)
- ✓ small chunks of concrete (up to 0.3m in any direction)
- ✓ small rocks (up to 0.15m)
- ✓ cinder blocks (up to 5% of load by weight)
- ✓ asphalt grindings
- ✓ gravel
- ✓ sand

The materials must not include any of the following:

- ✗ Hazardous waste
- ✗ Asbestos
- ✗ Lead paint
- ✗ Rebar
- ✗ PCB contamination
- ✗ Wire mesh
- ✗ Wood
- ✗ Metal, especially solid pieces such as pile caps, engine blocks, etc
- ✗ Glass
- ✗ Organics (maximum 2% by weight)
- ✗ Oversized pieces such as in light post bases, manhole bases, etc
- ✗ Dirt or soil

Material Assessment & Approval Process

Contractors with sources of material that fit the requirements above are to complete the attached Vancouver Landfill Concrete and Asphalt Assessment Form for review by City Staff.

Contractors are to provide the following with the Form as applicable:

- Copy of an approved demolition permit and hazardous materials survey for any concrete from building demolition and confirmation of appropriate remediation of any hazards.
- Copies of any environmental assessment reports and/or analytical results obtained with reference to the *Contaminated Sites Regulation*.

Construction site visits and sampling may be required as determined by the Landfill designate.

Interested contractors can contact Mike Skinner at 604 606-2723, 604 603-1282 or michael.skinner@vancouver.ca or Transfer.landfillops@vancouver.ca for more information.

Material Delivery Logistics

The number of loads per day that can be accepted will be at the discretion of the Landfill Designate based on the number of loads of other waste materials being received. It is anticipated that the maximum loads of waste concrete and asphalt will be 20 loads per day.

All trucks must scale in and out at the Landfill for material tracking unless other arrangements are made with the Landfill Designate. Hauling company name and license plate numbers must be provided prior to delivery as per the instructions on the Vancouver Landfill Concrete and Asphalt Assessment Form. Any loads arriving without written pre-approval 24hrs in advance will be turned away.

Loads will be accepted on weekdays during regular working hours (please see website for directions and hours, <http://vancouver.ca/home-property-development/landfill-and-transfer-station.aspx>), unless other arrangements are made with the Landfill Designate.

Drivers are required to follow the requirements for General Safety, Heavy Equipment and Personal Protective Equipment as detailed in the attached Landfill Site Safety Orientation / Agreement.

Contractor principals will be required to fill out and sign a form stating the origin, quantity, and type of material. The contractor principals must certify that there is no hazardous waste materials in the loads.

Attachments

- Vancouver Landfill Waste Concrete and Asphalt Assessment Form
- Vancouver Landfill Site Safety Orientation / Agreement