



Planning & Community  
Development

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# Construction & Demolition Waste Diversion

The City of Shoreline adopted Waste Diversion Reporting requirements by Ordinance No. 672 effective November 12, 2013. This ordinance is found in Shoreline Municipal Code Chapter 15.05.



Construction, demolition and other development activities generate a significant amount of waste including things like: wood, concrete, drywall, masonry, roofing, siding, structural metal, wire, insulation, and asphalt. Construction, Demolition, and Land clearing debris (CDL) can often be salvaged or recycled.

Builders currently recycle or put to beneficial use an estimated 67% of the construction and demolition waste generated in King County, but more can be done. King County has set a goal of reaching 85% diversion of CDL materials by 2025. The City of Shoreline is taking steps to support that goal.

Diverting waste from landfills through salvage and recycling benefits us all. These benefits include:

- Salvage and recycling can help save money on a project
- Emissions that contribute to climate change are reduced
- Local jobs and industry are created and supported
- The need for new costly landfills and waste hauling is reduced
- Value adding elements can be created in new construction by reusing salvaged materials as well as reducing the amount of new materials needed for a project
- Points can also be earned by salvage, reuse, and recycling for green building certification programs such as the Living Building Challenge, Built Green, and LEED

## Hours of Operation:

Monday 8:00 am–5:00 pm  
Tuesday 8:00 am–5:00 pm  
Wednesday 1:00 pm–5:00 pm  
Thursday 8:00 am–5:00 pm  
Friday 8:00 am–5:00 pm

*Permit Processing Ends at 4:00 pm Daily*

## What can be salvaged?

Salvage is the removal of select materials from a building prior to demolition. A wide range of building materials can be salvaged for reuse. The easiest salvageable materials include windows, doors, cabinets, and fixtures. Other materials such as flooring, walls covering/sheathing, insulation, carpet, plumbing, wood, and roofing can also potentially be salvaged for reuse.

## **When is a Deconstruction and Salvage Assessment required?**

A Deconstruction and Salvage Assessment (DSA) is a report which summarizes the building components within an existing building, prior to demolition, that have the potential for reuse or beneficial use. When over 1,000 square feet of demolition is proposed, the City of Shoreline requires the submittal of a DSA. This also applies to tenant improvement projects of greater than 2,500 square feet, which includes demolition. This assessment must be prepared by a third party verifying agent, such as an expert associated with a salvage and reuse retail company or a licensed contractor specializing in deconstruction. A list of potential salvage verifiers can be found through The Northwest Building Salvage Network at: <http://nbsnseattle.org>. The DSA should be submitted to the City at demolition permit intake if possible, but is required prior to issuance of the demolition permit.

## **What can be recycled?**



Recycling for beneficial use is the collection and processing of certain materials, which are then manufactured into new products or used as an effective substitute for natural or commercial products in a manner that does not pose a threat to human health or the environment. The following items should be recycled and at some transfer stations in the region must be recycled:

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| <ul style="list-style-type: none"><li>• Asphalt paving</li><li>• Bricks</li><li>• Cardboard</li><li>• Clean Wood</li></ul> | <ul style="list-style-type: none"><li>• Concrete</li><li>• Metal</li><li>• New Gypsum Scrap</li></ul> |
|--|---|

Separation of materials on the jobsite is required by some waste haulers while others are able to provide a container for all types of “comingled” recycling, to be sorted later at an outside facility. Planning for waste diversion is the first step toward reducing a project’s contribution to landfills and reducing use of new materials and natural resources.

## **When is a Waste Diversion Plan and Waste Diversion Report required?**

The City requires submittal of a completed Waste Diversion Plan (WDP) prior to permit issuance on all building and demolition permits for projects exceeding 1,000 square feet. This also applies to tenant improvement projects of greater than 2,500 square feet. A WDP must include the materials that will be waste from the demolition or construction activities, the method of diversion, hauler, and receiving location. The City wants permit applicants to think about what materials from the project can be diverted from landfills and to plan ahead to use haulers who successfully recycle the majority of the materials they accept. All “comingled” recycling loads (loads that contain more than a single commodity) shall be disposed of at a third-party certified processing facility (certified by the City of Seattle).

Whenever a WDP is required, a Waste Diversion Report (WDR) is required as a second step. The WDR must be submitted to the City after demolition and/or construction are completed, at or prior to final inspection on the project. The previously submitted WDP should be used to help to complete the

WDR. The report must include the project permit number, if asbestos abatement was performed, estimate of project square footage, and the name and contact information of the permit applicant. The report must also include the types of material, diversion method, quantities of materials, name of the hauler(s), and the names of the receiving facilities used for reuse, recycling, and disposal. Facility receipts, also known as “tip receipts”, or signed affidavits from the receiving location and photo documentation for salvaged materials must be included with the report. The standard City forms or alternate forms providing the same required information may be used for the WDR and associated report documentation.

### **Questions about disposal at Solid Waste Facilities?**



If a property owner is disposing materials at solid waste facilities there are several important considerations to keep in mind:

- Customers using dump bed vehicles may not dispose of CDL at King County Solid Waste Division transfer stations, such as the Shoreline Recycling and Transfer Station, 2300 North 165th Street, 206-296-4466 (Solid Waste)
- Small amounts of CDL debris are accepted at King County transfer stations. Small amounts of CDL debris are accepted as garbage at King County transfer stations if the amount is less than 10% of the total volume of the load.
- Recycling of clean wood and yard waste is allowable at the Shoreline Transfer station, and the recycle fee is reduced when dropped off separately from garbage.

### **Questions about recycling of Construction, Demolition and Land clearing debris?**

Residents and businesses are encouraged to salvage and recycle CDL debris. All materials that are not recycled must be transported to an approved disposal site. The City’s current garbage service provider, Recology CleanScapes, provides CDL recycling guidance and services. Call 206-763-4444 for additional information or research online at:

[http://www.cleanscapes.com/for\\_business/construction\\_debris](http://www.cleanscapes.com/for_business/construction_debris).

For your convenience, King County maintains a list of recycling service providers. Information regarding recycling services is available through King County Department of Natural Resources Solid Waste Division’s website: <http://your.kingcounty.gov/solidwaste/facilities/cdl-stations.asp>.

The City of Seattle maintains a list of Seattle certified recycle facilities available at:

<http://www.seattle.gov/util/ForBusinesses/Construction/CDWasteManagement/RecyclingRequirement/CertifiedFacilities/index.htm>.

The King County Construction Recycling Directory can be downloaded at:

<http://your.kingcounty.gov/solidwaste/greenbuilding/documents/CDLguide.pdf> or visit the website for waste diversion planning at: [What do I do with...?](#)

For other green building resources visit the King County Green Tools website at:

<http://your.kingcounty.gov/solidwaste/greenbuilding/>