



Cascade Recycling Center (CRC)

Cascade Recycling Center opened in in 2003, paving the way for convenient, efficient collection of mixed recyclables from hundreds of thousands of Puget Sound residents and businesses.

Facility Details

The CRC processes recyclables collected from over 250,000 households in Washington.

The facility is 82,000 square feet on 6.25 acres. CRC processes 12,000 tons of commingled recyclables every month. With advanced sorting capabilities, less than 5% of the material that enters the facility ends up at the landfill. The CRC is open for public tours; to request a tour please go to wmnorthwest.com/cascaderecycling/tour.html.

Materials Processed

The WM single stream sorting system allows residents and businesses to combine all of their recyclables in one container. Paper, metals, glass and plastic bottles are collected together and specially designed technology and quality control employees sort the materials and create bales of various commodities ready for shipment and their second life.

Acceptable Material for Single Stream

- » Aluminum food and beverage containers
- » Glass food and beverage containers (brown, clear or green)
- » Ferrous (tin, steel, iron) cans
- » Plastic containers (bottles, jars and tubs)
- » Newspaper
- » Old corrugated cardboard (OCC)
- » Magazines and Flyers

CASCADE RECYCLING CENTER

14020 NE 190th
Woodinville, Washington
425-485-8145

HOURS OF OPERATION

Monday–Friday: 4:00 am to 8:30 pm
The facility is not open to public drive-in customers but is open to commercial customers.

EMPLOYEES

Administrative & Supervisory: 7
Equipment Operators, utility workers and maintenance: 26
Sorters and Quality Control: 65

BUILDING AND PROPERTY

82,000 sq ft on 6.25 acres
Tipping floor and processing area: 52,000 sq. ft.
Eight loading docks for outbound trailers

OPERATIONAL STATUS

35 tons per hour on average

OPERATIONS AND EQUIPMENT

Scale and Recording Program

Mettler – Toledo scale system
Toledo Automated Data Terminal

Single Stream Processing

64 conveyors and screens
Cardboard (OCC) screen
Newspaper screen
Mixed paper screen
Bunkers with walking floors lead to bailing conveyor
Fiber Baler: Bollegraaf

Rigid Container Processing

Glass screen
Paper Magnet
Air separator for glass
Magnetic belt removes tin and steel cans
Optical sorter
Plastics sorted into four grades: PET, HDPE Natural, HDPE Colored, Mixed
Eddy current separator for aluminum
Residue returns to mixed paper screen

- » Catalogs
- » Cereal boxes
- » Telephone books
- » Printed paper
- » Copier paper
- » Polycoated cartons and boxes

- » Mail
- » Paper cups
- » All other clean paper without laminate, coatings, or other cross contaminants
- » Small pieces of scrap metal weighing less than 20 lbs and smaller than 20" in any direction

Construction, Demolition and Land Clearing (CDL) Processing

Lubo USA Conveyor System

Stationery Grapple feeds materials to sorting conveyor to remove OCC, plastic film

Marathon shredder reduces materials to 16 inches

Magnetic belt removes metal—conveyor to load out container

Unacceptable Material

- » Medical waste
- » Hazardous material
- » Ammunition
- » Batteries
- » Fuel
- » Oils
- » Explosives
- » Plastics, other than listed above
- » Wet paper products
- » Waxed cardboard
- » Garbage
- » Small Appliances
- » Tire Chains
- » Christmas Lights
- » Rope



Unsorted recycled items.



About 550 tons of recycling come through each day.



Workers sort through material



Recyclables are sorted by type and bundled into bales.

FOR MORE INFORMATION, CONTACT:

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