

# Pitkin County Construction & Demolition Debris Recovery Program



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*PITKIN  
COUNTY*



# Construction & Demolition Debris in Pitkin County

## What is construction and demolition debris?

Construction and demolition (C&D) debris includes waste generated by the construction, demolition or renovation of buildings, homes, mobile homes and other structures. Common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

In a study of C&D debris coming into the landfill as trash, it was found that **35% of those materials could have been diverted through existing recycling programs.**

**C&D debris makes up over 50% of what's buried in the Pitkin County landfill each year.**



**Reusing or recycling these materials has multiple benefits! It helps our customers save money on disposal costs, extends the life of the landfill and reduces greenhouse gas emissions.**

# Pitkin County C&D Waste Ordinance

## C&D Debris Recovery Program Overview

In 2019 Pitkin County passed a new ordinance (Ord. 015-2020) to promote the reduction and recovery of debris generated by construction and demolition (C&D) projects. Through a collaboration between the Solid Waste Center (SWC) and the Community Development Department (ComDev), C&D waste diversion requirements will be tied to the County's building permit process. In addition, the SWC has implemented a new tiered pricing structure to apply to all construction jobs disposing of C&D materials at the landfill.

### Waste Diversion Requirements

All projects requiring a building, demolition or earthmoving permit from Pitkin County must now follow new waste diversion requirements.

As part of the permitting process, the project manager or property owner signs a **Recoverable Materials Diversion Acknowledgement Form** and pays a refundable **Diversion Compliance Deposit (DCD)** before work on a project can begin. The form states that the owner/manager is aware of the diversion requirements and that failure to follow diversion requirements will result in the loss or partial loss of the DCD and higher tipping fees.



### Diversion Compliance Deposit

The refundable Diversion Compliance Deposit will be collected during the permitting process and calculated based on the calculation:

$$DCD = (\text{Estimated total tons of waste}) * (\text{Per Ton Rate set forth annually by Pitkin County})$$

#### Full Refund

A minimum of 25% of total project related waste (by weight) is diverted from trash and 100% of materials listed in "Recoverable Materials" are diverted from trash.

#### Partial Refund - 50% of Deposit Returned

If at least 20% of total waste (by weight) is diverted from trash but Recoverable Materials are sent to the trash.

#### No Refund

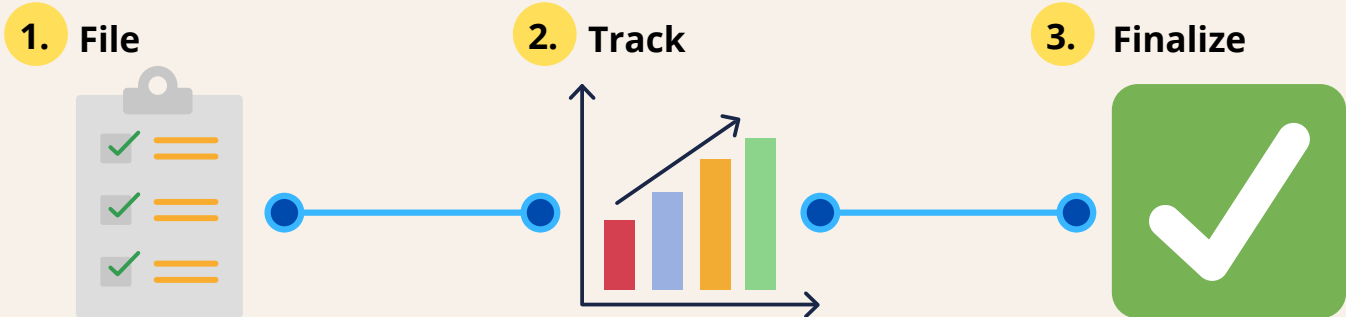
If less than 20% of the total waste (by weight) produced is diverted from trash.

# Permitting Process and Waste Tracking

**NOTE:** These requirements only apply to permitted jobs in unincorporated areas of Pitkin County.

## 1. Obtaining a Permit

Before obtaining a permit, applicants will now be directed to estimate their total project waste and pay a refundable deposit based on that amount.



## 2. Diversion Tracking

Permit holders will be notified to create an account and waste management plan using the Green Halo Systems waste tracking platform upon permit issuance. The permittee or designated project manager is responsible for retaining receipts throughout the project - loads disposed of at the SWC will automatically track in the system and users will manually input data from other waste management facilities.

**TIP:** Keep your Green Halo tracking number handy. Provide haulers with the tracking number to simplify tracking waste to your account when dumping at the SWC.

1 123 Main St, PITKIN COUNTY, CO 81611\_c (map)  
GH Tracking #: [GH813-336-1344](#) Permit #: [TST123](#) Contractor: Green Halo Systems  
Phone: 408-868-2992

<b>10.50</b> Recycled Tonnage	<b>4.70</b> Disposed Tonnage	<b>100%</b> Inert Recovery (required 0.00%)	<b>0%</b> Non-Inert Recovery (required 0.00%)	<b>69.08%</b> Overall Diversion (required 25%)
Add Tickets (2)	Order Service	Post for Sale	Functions	View Information

Status: Completed Messages (0) Date Created: 08/06/20 Close Date: 08/06/20 Days Active: 1

## 3. Diversion Report

Before the Final Building Inspection, the project manager must submit a Diversion Report to the SWC and receive confirmation that the report is complete. SWC staff will analyze the report to determine the amount of the deposit to be refunded.

**Click here to view the user guide.**

Project Information: ASSIGN PROJECT EDIT INFORMATION ADD PERMIT

Project Name: Test Project	<b>Project Status:</b> Created Submitted Approved Tickets Uploaded (2) Submitted For Final Completed
Tracking #: GH813-336-1344	
Address: 123 Main St, PITKIN COUNTY, CO	
Permit #: TST123 - Demolition/Deconstruction - 08/06/20	
Tract Number: N/A	
Start Date: 09/01/20	
End Date: 12/31/20	
Project Type: Demolition/Deconstruction	
Building Type: Commercial	
Sponsoring Agency: N/A	
Project Value: \$250,000	
Square Feet: 3,000	
Description File: N/A	
Project Description: Test pProject	

# C&D Disposal Pricing

## Tiered Pricing Structure

A new tiered pricing is determined on a per-job tonnage basis and applies to all C&D loads generated from permitted jobs within and outside of Pitkin County. Disposal rates from each construction job will be tracked and assessed a higher tipping fee at designated tonnage limits.

	Cost per Ton	Tier Tonnages
Tier 1	\$91/ton	0-30 tons
Tier 2	\$111/ton	31-60 tons
Tier 3	\$131/ton	61 tons and greater
Tier 4	\$151/ton	Mixed loads/no sorting

Loads containing greater than 10% by volume of recoverable materials will be charged the maximum tipping fee (Tier 4).

Separated loads do not count towards the tonnage limits. See the list below of materials currently accepted in separated loads.

## Recoverable Materials

The SWC has recycling and reuse programs in place for many C&D materials. Save money and help keep valuable resources out of the landfill by separating the following materials from trash **before** arriving to the SWC:

- ✓ Concrete (clean and dirty) & porcelain
- ✓ Asphalt (clean only)
- ✓ Scrap metal
- ✓ Cardboard
- ✓ Untreated wood (lumber and pallets)
- ✓ Rock and dirt
- ✓ Organics

SWC Recycling Programs



**Untreated Wood**



**Scrap Metal**



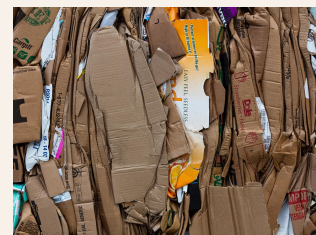
**Rock & Dirt**



**Concrete & Porcelain**



**Asphalt**



**Cardboard**



**Organics**

# C&D Waste Diversion Best Mgmt. Practices

## BEST MANAGEMENT PRACTICES

1. Develop a Construction Waste Management Plan
2. Determine recycling, salvage, reuse and disposal options before a job begins
3. Evaluate space availability for multiple waste containers
4. Understand the Solid Waste Center's requirements for accepting material
5. Add compliance with your waste management plan into contractors with subs
6. Explain recycling requirements to all employees and subcontractors
7. Donate reusable materials
8. Label all waste containers
9. Co-locate trash and recycling
10. Avoid mixing trash and recyclables for separation later
11. Regularly inspect dumpsters for contamination



## USE SIGNAGE



## SOURCE SEPARATE



## HELPFUL LINKS

- [Pitkin County Solid Waste Center C&D Management Tools](#)
- [Pitkin County Building Department](#)
- [Recycle Across America standardized waste labels](#)

## QUESTIONS?

**Michael Port, C&D Diversion Specialist**

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