

City of Lakewood
Construction & Demolition
Waste Recycling Standards
Overview of How To Comply



Lakewood
Colorado

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Lakewood's C&D Waste Policy Overview

Lakewood's C&D Waste Recycling Requirements

1. Standards apply to new construction over 2,500 sf, all demo

1. Required diversion of certain material types

- a. *no required recovery rate*
- b. asphalt, concrete, cardboard, metal, clean wood, architectural salvage (viable for reuse)

1. Submit a waste management plan

- a. outlines expected quantities of materials, recovery methods, transporters, end destinations

Existing Code Applicability

New Construction over 2,500 square feet and all Demolition:



Individual Single-Family & Duplex



Multi-Family & 3+ Lot Subdivisions



Non-Residential

Supplemental Standards Applicability

New Construction over 2,500 square feet and all Demolition:



Individual Single-Family & Duplex



Multi-Family & 3+ Lot Subdivisions



Non-Residential

Supplemental Standards

- 1) Comprehensive Waste Management Plan
- 2) Compliance Report for end-of-project reporting requirements
- 3) Deposit to be paid at permit issuance, refunded upon compliance at end of project.
 - \$1 per sf (min \$2,500 – max \$100,000)
 - Refund to be prorated for partial compliance

Lakewood's C&D Waste Recycling Requirements

4. Pay performance security deposit of \$1/sf

- *For applicable projects only*
- min \$2,500 — max \$100,000

5. Submit completed waste management plan for final review (final compliance report)

- upload weight tickets / material donation receipts, photo documentation of onsite or future reuse

6. Performance security deposit returned based on compliance

Existing Code Applicability

New Construction over 2,500 square feet and all Demolition:



Individual Single-Family & Duplex



Multi-Family & 3+ Lot Subdivisions



Non-Residential

Supplemental Standards Applicability

New Construction over 2,500 square feet and all Demolition:



Individual Single-Family & Duplex



Multi-Family & 3+ Lot Subdivisions



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Supplemental Standards

- 1) Comprehensive Waste Management Plan
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 - \$1 per sf (min \$2,500 – max \$100,000)
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Lakewood's C&D Waste Landing Page

www.lakewood.org/CDwaste

COMMUNITY **GOVERNMENT** BUSINESS SERVICES

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Construction and Demolition Recycling

Many of the materials from construction and demolition (C&D) activities can be recycled or reused, which can reduce the project's environmental impact. To decrease the amount of waste sent to landfills, the City of Lakewood Building Code ([Chapter 14.02.040 Par. H](#)) requires C&D projects to recycle specific materials. Read on to learn more.

Requirements

- Applicable Projects
 - Any demolition
 - New buildings, additions, or remodels with a total interior space over 2,500 sq. ft.
 - Developments with multiple buildings with a combined total interior space over 5,000 sq. Ft.
- Applicable Materials
 - Concrete
 - Asphalt
 - Untreated wood
 - Metal
 - Cardboard
 - Excess or salvageable finish materials
 - Reusable or salvageable materials including doors, windows, cabinets, and fixtures

How to Comply

BEFORE SUBMITTING PERMITS [+](#)



Overview of Compliance Steps

New steps to C&D Waste Recycling Requirements compliance process are highlighted in yellow.

This presentation provides more details on each step of this process from before, during, and after project completion.

For an accessible version of this flowchart refer to the Applicant Guide.



Before Project

Determine Which Permit(s)
You Need and Apply

Applying for a Permit in eTRAKiT

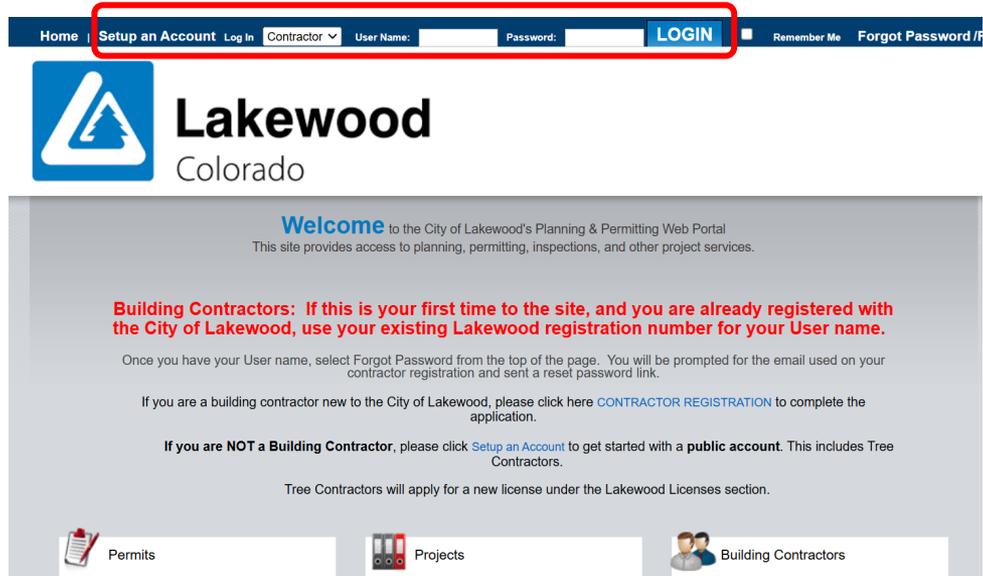
Step 1. Determine project [permit type](#) and [subtype](#) and confirm that your project is subject to the C&D standards.

Read this web [page](#) for contractors if you are unfamiliar with the process. For assistance, visit our website or contact our permit department at permitcounter@lakewood.org.

For an accessible version of this flowchart refer to the Applicant Guide.

Applying for a Permit in eTRAKiT

Step 2. Apply for your building or demolition permit using the City's online service, [eTRAKiT](#).



The screenshot shows the top navigation bar of the Lakewood Colorado eTRAKiT web portal. The navigation bar is dark blue and contains the following elements from left to right: a 'Home' link, a 'Setup an Account' link, a 'Log In' link, a dropdown menu for 'Contractor', a 'User Name:' input field, a 'Password:' input field, a blue 'LOGIN' button, a 'Remember Me' checkbox, and a 'Forgot Password / If' link. A red rectangular box highlights the 'Setup an Account', 'Log In', 'Contractor', 'User Name:', 'Password:', and 'LOGIN' elements.

Lakewood
Colorado

Welcome to the City of Lakewood's Planning & Permitting Web Portal
This site provides access to planning, permitting, inspections, and other project services.

Building Contractors: If this is your first time to the site, and you are already registered with the City of Lakewood, use your existing Lakewood registration number for your User name.

Once you have your User name, select **Forgot Password** from the top of the page. You will be prompted for the email used on your contractor registration and sent a reset password link.

If you are a building contractor new to the City of Lakewood, please click here [CONTRACTOR REGISTRATION](#) to complete the application.

If you are **NOT** a Building Contractor, please click [Setup an Account](#) to get started with a **public account**. This includes Tree Contractors.

Tree Contractors will apply for a new license under the Lakewood Licenses section.

 Permits

 Projects

 Building Contractors

Set Up Your Account in Green Halo

Setting up Your Account in Green Halo

Step 1. Navigate to <https://wastetracking.com/city/lakewoodco> and click 'Create Your Waste Management Plan'



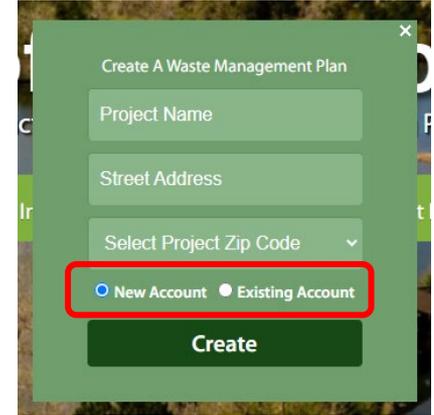
Setting up Your Account in Green Halo

Step 2. Enter project information, select 'New Account', and 'Create'

If you already have an account, select 'Existing Account', Create, and log in.

Step 3. Enter user credentials

The email provided will be used to send and receive status updates on the project so use an email address that is checked regularly.



Create A Waste Management Plan

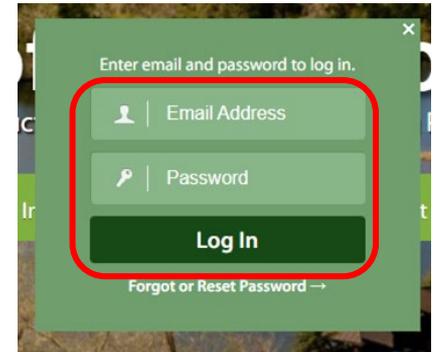
Project Name

Street Address

Select Project Zip Code

New Account Existing Account

Create



Enter email and password to log in.

Email Address

Password

Log In

[Forgot or Reset Password →](#)

Setting up Your Account in Green Halo

Step 4. Select the 'FREE Project Tracker' plan, click 'NEXT STEP'

The free plan provides basic functionality sufficient for Lakewood's requirements.

The screenshot displays the 'Create Your Account' interface. At the top, a progress bar shows four steps: 1. SELECT PLAN (active), 2. ENTER COMPANY INFO, 3. ENTER PAYMENT INFO, and 4. CONFIRM & SUBMIT. Below the progress bar, there is a 'BACK' button on the left and a 'NEXT STEP' button on the right, both highlighted with red boxes. The main content area features the text 'Please select your plan' and '4 Month Minimum Subscription'. Four plan options are presented in a row, each with a radio button. The 'FREE' plan is selected and highlighted with a red box. The other plans are PREMIUM (\$29.00), PRO (\$129.00), and ENTERPRISE (\$229.00). Each plan includes a price per month and an additional charge per active project. The 'FREE' plan is labeled 'PROJECT TRACKER', while the others are 'PROJECT TRACKER PREMIUM', 'PROJECT TRACKER PROFESSIONAL', and 'PROJECT TRACKER ENTERPRISE'.

Plan	Price	Additional Charge
FREE	\$0.00	\$0.00
PREMIUM	\$29.00	+\$24.00 for each active project
PRO	\$129.00	+\$19.00 for each active project
ENTERPRISE	\$229.00	+\$15.00 for each active project

Setting up Your Account in Green Halo

Step 5. Enter User Profile information, check for accuracy, and click 'NEXT STEP'

1 SELECT PLAN 2 ENTER COMPANY INFO 3 ENTER PAYMENT INFO 4 CONFIRM & SUBMIT

BACK NEXT STEP

Please complete the following information to create your account.

Log In Profile

Email* johndoe@gmail.com

Confirm Email* johndoe@gmail.com

Password* *****

Confirm Password* *****

User Profile

First Name* John

Last Name* Doe

Position* Contractor

Company Name* ABC Renovations

Company Website* I do not have a website

Address Line 1*

Setting up Your Account in Green Halo

Step 6. Review your registration details and click 'CONFIRM' to get to the final step

Create Your Account

1 SELECT PLAN → 2 ENTER COMPANY INFO → 3 ENTER PAYMENT INFO → 4 CONFIRM & SUBMIT

BACK Complete Registration CONFIRM

Company Name	ABC Renovations
Web Site	
First Name	John
Last Name	Doe
Position	Contractor
Email	john.doe@gmail.com
Phone Number	303-303-8066
Address	1234 Pleasant Street
Zipcode	80204
How you heard about us	City,County-or-State



FREE
PROJECT TRACKER

Log In Profile

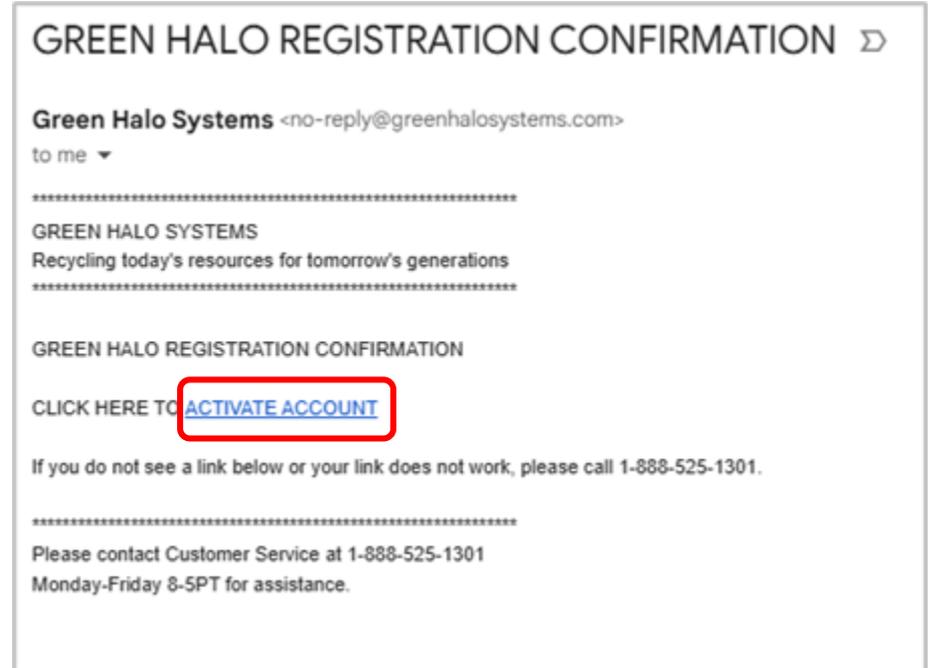
User Name john.doe@gmail.com
Password view

BACK CONFIRM



Setting up Your Account in Green Halo

Step 7. Open your inbox, search “Green Halo” and click the link to verify your email address and activate your Green Halo account.



Create Your
Waste Management Plan
in Green Halo

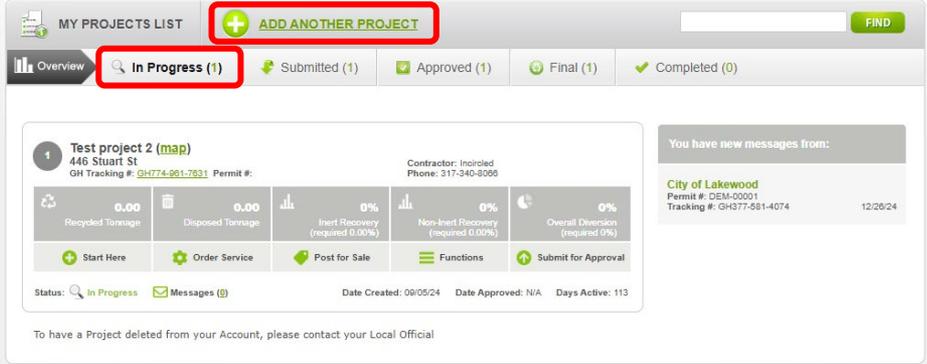
Creating Your Waste Management Plan in Green Halo

Your waste management plan (WMP) will be created in Green Halo.

Step 0. If needed, navigate back to greenhalosystems.com and log in.

Click on “In Progress” to access the WMP you provided details for during account set up OR “Add Another Project” to add a new project.

Note: You may have to verify the project’s jurisdiction is in fact Lakewood by entering the zip code again.



MY PROJECTS LIST

[+ ADD ANOTHER PROJECT](#)

Overview **In Progress (1)** Submitted (1) Approved (1) Final (1) Completed (0)

1 Test project 2 (map)
446 Stuart St
GH Tracking #: [GH774-961-7831](#) Permit #:
Contractor: Incoriled
Phone: 317-340-0366

Recycled Tonnage 0.00	Disposed Tonnage 0.00	Inert Recovery (required 0.00%) 0%	Non-Inert Recovery (required 0.00%) 0%	Overall Diversion (required 0%) 0%
--------------------------	--------------------------	---------------------------------------	---	---------------------------------------

[Start Here](#) [Order Service](#) [Post for Sale](#) [Functions](#) [Submit for Approval](#)

Status: [In Progress](#) [Messages \(0\)](#) Date Created: 09/05/24 Date Approved: N/A Days Active: 113

You have new messages from:
City of Lakewood
Permit #: DEM-00001
Tracking #: GH377-561-4074 12/26/24

To have a Project deleted from your Account, please contact your Local Official

Creating Your Waste Management Plan in Green Halo

Step 1. Add project details

These are basic project details like square footage and location. Information can be copied over from your permit application in [eTRAKiT](#) so it's helpful to have that handy.

Note: ALWAYS read all the text in the yellow box for each Green Halo step.

Adding New Projects

Step 1 of 5 - Decon on Cedar Dr - GH377-581-4074
Update the project information below

This plan will be submitted to:
Lakewood, CO

SAVE PLAN

1. Project Information 2. Material Selection 3. Transporter Method 4. Facility Selection 5. Complete & Review

NEXT STEP >

Step 1. Add a New C&D Project

Enter basic project details. **Required fields are marked with an asterisk (*).**

Tips:

- Use your eTRAKiT Permit Type and Permit SubType for the Project Type and Building Type, respectively.
- The "Project Manager" will be responsible for this waste management plan.
- Any additional details you input into the "Description" box will be helpful for our review.

Disclaimer: The City of Lakewood does not have a diversion requirement in place. The diversion rate indicated in Green Halo is for informational purposes only.

Project Information *required fields

(if available)
Permit #: DEM-12346 Demolition/Deconstruction

Permit/Project # Square Ft. (optional): Note:

[Add another permit](#)

Project Type * Demolition/Deconstruction

Building Type * New Duplex

Tract Number (optional)

Start Date * 2024-12-18

End Date * 2025-12-18

Project Value * \$ 10,000

Square Footage * 2,500

Description *
deconstruction of part of single family house and building new addition

Creating Your Waste Management Plan in Green Halo

Step 2. Estimate C&D debris types and expected generation

Enter expected generation for every required material type and *roughly* estimate how much will be reused, recycled, or disposed.

Estimations should be informed but do not have to be precise.

Adding New Projects

Step 2 of 5 - Decon on Cedar Dr - GH377-581-4074
Please select the materials to be reused, recycled, or disposed of in your project.

This plan will be submitted to:
Lakewood, CO

SAVE PLAN

1. Project Information **2. Material Selection** 3. Transporter Method 4. Facility Selection 5. Complete & Review

Materials List Select unit of measure for entering data: cubic yards tons

Materials	Reuse	Recycle	Dispose
Mixed C & D - Only enter a quantity in the 'Mixed C&D Debris' field if you are planning to commingle all materials onsite and have them later sorted and RECYCLED. Mixed C&D Debris is not a Trash category. Note: Most area haulers and facilities require source separation and do not accept Mixed C&D Debris for recycling so this is uncommon. If you are not contracting with a vendor who accepts commingled materials for recycling, leave this field blank.			
Mixed C & D Debris (Mixed debris that is not source separated, but can be recycled must be brought to an authorized registered facility.)	N/A	<input type="text"/> tons	N/A
Source Separated Materials - Identify all materials you will separate on site for recycling, reuse, or disposal as applicable. Contractors are encouraged to recover more materials than are listed below but are not legally required to by Lakewood at this time. Future phases of Green Halo may include more material types. Note: You may select more than one recovery method for each material type.			
Asphalt - Pavement & Grinding (Pavement and asphalt grindings. *EXCLUDES roofing materials*)	<input type="text"/> tons	<input type="text" value="1"/> tons	N/A
Cardboard & Paper Products (Corrugated cardboard, fiberboard, dunnage from packaging, shredded paper, and other paper materials.)	N/A	<input type="text"/> tons	N/A
Concrete (Clean concrete with or without rebar.)	<input type="text" value="1"/> tons	<input type="text" value="2"/> tons	N/A
Deconstructed & Reuse Items (Reusable appliances, cabinets, doors, windows, fixtures, flooring, lumber & materials)	<input type="text" value="1"/> tons	N/A	N/A
Metal (All scrap metal, aluminum, copper, tin, steel, etc.)	<input type="text"/> tons	<input type="text" value="1"/> tons	N/A
Waste (Trash) (Mixed non-recyclables also classified as Domestic Waste or Municipal Solid Waste.)	N/A	N/A	<input type="text" value="4"/> tons
Wood - Clean (Lumber, damaged pallets, untreated wood shingles, and other clean wood products.)	<input type="text"/> tons	<input type="text"/> tons	N/A

Creating Your Waste Management Plan in Green Halo

Step 2. Estimate C&D debris types and expected generation

Note: Trash can include residual amounts of required materials if they are non-recoverable.

Note: It's not likely that CO users will input quantities in the Mixed C&D Recycling category due to lack of available outlets accepting commingled C&D waste for recycling.

 **Adding New Projects**

Step 2 of 5 - Decon on Cedar Dr - GH377-581-4074
Please select the materials to be reused, recycled, or disposed of in your project.

This plan will be submitted to: **Lakewood, CO**

SAVE PLAN

1. Project Information **2. Material Selection** 3. Transporter Method 4. Facility Selection 5. Complete & Review

Materials List

Select unit of measure for entering data cubic yards tons

Materials	Reuse	Recycle	Dispose
Mixed C & D - Only enter a quantity in the 'Mixed C&D Debris' field if you are planning to commingle all materials onsite and have them later sorted and RECYCLED. Mixed C&D Debris is not a Trash category. Note: Most area haulers and facilities require source separation and do not accept Mixed C&D Debris for recycling so this is uncommon. If you are not contracting with a vendor who accepts commingled materials for recycling, leave this field blank.			
Mixed C & D Debris (Mixed debris that is not source separated, but can be recycled must be brought to an authorized registered facility.)	N/A	<input type="text"/> tons	N/A
Source Separated Materials - Identify all materials you will separate on site for recycling, reuse, or disposal as applicable. Contractors are encouraged to recover more materials than are listed below but are not legally required to by Lakewood at this time. Future phases of Green Halo may include more material types. Note: You may select more than one recovery method for each material type.			
Asphalt - Pavement & Grinding (Pavement and asphalt grindings. *EXCLUDES roofing materials*)	<input type="text"/> tons	<input type="text" value="1"/> tons	N/A
Cardboard & Paper Products (Corrugated cardboard, fiberboard, dunnage from packaging, shredded paper, and other paper materials.)	N/A	<input type="text"/> tons	N/A
Concrete (Clean concrete with or without rebar.)	<input type="text" value="1"/> tons	<input type="text" value="2"/> tons	N/A
Deconstructed & Reuse Items (Reusable appliances, cabinets, doors, windows, fixtures, flooring, lumber & materials)	<input type="text" value="1"/> tons	N/A	N/A
Metal (All scrap metal, aluminum, copper, tin, steel, etc.)	<input type="text"/> tons	<input type="text" value="1"/> tons	N/A
Waste (Trash) (Mixed non-recyclables also classified as Domestic Waste or Municipal Solid Waste.)	N/A	N/A	<input type="text" value="4"/> tons
Wood - Clean (Lumber, damaged pallets, untreated wood shingles, and other clean wood products.)	<input type="text"/> tons	<input type="text"/> tons	N/A

Creating Your Waste Management Plan in Green Halo

Step 3. Select how C&D debris will be transported from project site

Select 'contracted hauling service', 'self-hauling', or both. If you select 'contracted hauling service', you are prompted with a list of haulers to choose from or you can enter a different hauler.

Note: Some recycling facilities also drop roll-off containers at the job site and therefore appear on the 'contracted haulers' list. Only select them if you will be using them to HAUL your C&D debris from the job site. **Do not select them if you are just taking materials to their facility - selecting facilities is the next step.**

 **Adding New Projects**

This plan will be submitted to:  **Lakewood, CO** SAVE PLAN

Step 3 of 5 - Decon on Cedar Dr - GH377-581-4074
Select the method of hauling that you want to use for your project.

1. Project Information 2. Material Selection **3. Transporter Method** 4. Facility Selection 5. Complete & Review

Contracted Hauling Service

Contracted Hauling Service: I will contract with a C&D hauler to provide dumpster(s) and they will haul debris to:

- their own facility for sorting and processing for recycling and reuse
- recycling and reuse facilities they work with
- recycling or reuse facilities specified by me

[add/edit.](#)

	Company	Contact	Phone	Website
1.	<input type="checkbox"/> Blue Bear Waste Services		720-500-5282	N/A

DELETE

I will be Self Hauling to an Approved Recycling Facility

Self Haul: I will haul away the materials in accordance with this Jurisdiction's self haul rules and regulations.

Self Haul Guidelines
(check box to acknowledge)

Project managers may choose to haul all or part of their own C&D debris to a recycling facility, reuse/donation outlet, or landfill. You still must provide weight tickets / donation receipts with estimated weights if you self-haul materials.

NEXT STEP >

Creating Your Waste Management Plan in Green Halo

Step 4. Select the processing facilities materials will be taken to

For each material type in Green Halo that you indicated your project will generate, select a destination facility or facilities.

Note: If you want a facility added to the database, email cdwt@lakewood.org

Adding New Projects

Step 4 of 5 - Decon on Cedar Dr - GH377-581-4074
Select the facilities to be used for this project.

This plan will be submitted to:
Lakewood, CO

SAVE PLAN

1. Project Information 2. Material Selection 3. Transporter Method **4. Facility Selection** 5. Complete & Review

Asphalt - Pavement & Grinding	Facilities Identified (0)
Concrete	Facilities Identified (0)
Deconstructed & Reuse Items	Facilities Identified (0)
Metal	Facilities Identified (0)
Waste (Trash)	Facilities Identified (0)

Creating Your Waste Management Plan in Green Halo

Step 4. Select the processing facilities materials will be taken to

***Note:** If you selected multiple waste management methods for one material type (ex. you plan to both reuse and recycle concrete), indicate the reuse methods and recycling facilities for that material.*

 **Adding New Projects**

Step 4 of 5 - Decon on Cedar Dr - GH377-581-4074
Select the facilities to be used for this project.

This plan will be submitted to:
Lakewood, CO

SAVE PLAN

1. Project Information 2. Material Selection 3. Transporter Method **4. Facility Selection** 5. Complete & Review

 **Concrete** Facilities Identified (1) 

Concrete (Disposition Classification: Recycled, Reuse / Donation)

Available Registered Facilities - please identify one or more facilities your materials will be transported to

Facility	Carbon Footprint	Distance	Recycle Rate
<input checked="" type="checkbox"/> Colorado Aggregate Recycling 8900 Highway 93 Golden, CO 80403 720-602-0202	2.02 lbs	5.44 mi	95%
<input type="checkbox"/> Colorado Landscape Materials 6300 W 49th Dr #B, Wheat Ridge Wheat Ridge, CO 80033 303-456-9944	2.41 lbs	6.50 mi	95%
<input type="checkbox"/> Oxford Recycling 2400 W Oxford Ave Englewood, CO 80110 303-762-1160	2.97 lbs	8.01 mi	95%
<input type="checkbox"/> Allied Recycled Aggregates 7901 US Highway 85 Commerce City, CO 80022 303-289-3366	5.31 lbs	14.31 mi	95%

 **Reuse, Salvage and Donation Options**

- Reuse On Site (No Facility Selection Required)
- Reuse On Another Project (No Facility Selection Required)
- Donation (Facility Selection Required)

No facilities Accept for Donation were found.

Creating Your Waste Management Plan in Green Halo

Step 4. Select the processing facilities materials will be taken to

Once all the red X's have turned into green check marks you have completed this step.

Adding New Projects

Step 4 of 5 - Decon on Cedar Dr - GH377-581-4074
Select the facilities to be used for this project.

This plan will be submitted to:
Lakewood, CO

SAVE PLAN

1. Project Information 2. Material Selection 3. Transporter Method **4. Facility Selection** 5. Complete & Review

Asphalt - Pavement & Grinding	Facilities Identified (1) ✓
Concrete	Facilities Identified (1) ✓
Deconstructed & Reuse Items	Facilities Identified (2) ✓
Metal	Facilities Identified (1) ✓
Waste (Trash)	Facilities Identified (1) ✓

Creating Your Waste Management Plan in Green Halo

Step 5. Submit your waste management plan for review

Once the above steps are complete, submit your waste management plan in Green Halo for city staff to review and approve.

The screenshot displays the '5. Complete & Review' step of the Green Halo web application. The navigation bar at the top shows five steps: 1. Project Information, 2. Material Selection, 3. Transporter Method, 4. Facility Selection, and 5. Complete & Review (highlighted with a red box). A 'PREVIOUS STEP' button is located in the top right corner.

The main content area shows the project name 'Decon on Fox Run'. Below this is a horizontal menu with icons for: Project Information, Project Statistics, Transporter Method, Recovered Materials, Facilities & Tickets, Bid Sheet, Data By Permit, Project Files, Messages & History, and a 'Submit for Approval' button.

The central message reads: **Your waste management plan appears to be compliant - submit it for review**. Below this, it states: 'Based on the information provided, your waste management plan appears to comply with Lakewood's requirements and is ready to be reviewed by City of Lakewood.' It also includes the instruction: 'Read and sign the terms and conditions below and submit your waste management plan.'

The 'Acceptance & Signature' section is highlighted with a red box and contains the following fields:

- A checkbox labeled 'I have read and agree to the terms and conditions above' which is checked.
- A text input field for 'Your Name' containing 'John Doe'.
- A dropdown menu for 'Title' with 'I am the Contractor' selected.
- An unchecked checkbox for 'Send me text confirmation to my Phone (optional)'.
- A green button labeled 'SUBMIT PROJECT FOR APPROVAL'.

A '*required fields' label is visible in the top right corner of the form area.

Lakewood Staff Reviews Your Waste Management Plan

Lakewood Staff reviews Your Waste Management Plan

Be sure to check your email for any messages from 'Green Halo Systems'. You will receive an email notification via Green Halo when your plan is approved.

NEW PROJECT APPROVED: 9029 W ARIZONA DR , LAKEWOOD, PERMIT#:

 **Green Halo Systems**      

To: Emily Jackson Fri 12/13/2024 9:33 AM

 Retention: LKWD- Default 2 year Permanently Delete (2 years) Expires: Sun 12/13/2026 9:33 AM

EXTERNAL – USE CAUTION

GREEN HALO SYSTEMS
Recycling today's resources for tomorrow's generations

NEW PROJECT APPROVED: 9029 W Arizona Dr , Lakewood

PERMIT#:

GREEN HALO TRACKING #: GH516-725-7182

STATUS: Approved

DATE APPROVED: 12/13/24

MESSAGE FROM JURISDICTION:

Thank you for your plan. It has been approved. Reminder – Be sure to upload your receipts regularly, please don't wait until the end.

APPROVED BY: Emily Jackson , Planner Sustainability - 303-987-7734

[LOG-IN](#) TO SEE MORE INFORMATION

Complete any Outstanding Tasks to Receive Permit

Step 6. Finish any other tasks related to completing your permit application

There may be other requirements you need to fulfill before your permit status is approved in eTRAKiT *unrelated to the C&D recycling standards*. Be sure to complete these other outstanding items to prevent delays in your project.

Home | Setup an Account Log In Contractor User Name: Password: LOGIN Remember Me Forgot Password /

 **Lakewood**
Colorado

Welcome to the City of Lakewood's Planning & Permitting Web Portal
This site provides access to planning, permitting, inspections, and other project services.

Building Contractors: If this is your first time to the site, and you are already registered with the City of Lakewood, use your existing Lakewood registration number for your User name.

Once you have your User name, select [Forgot Password](#) from the top of the page. You will be prompted for the email used on your contractor registration and sent a reset password link.

If you are a building contractor new to the City of Lakewood, please click here [CONTRACTOR REGISTRATION](#) to complete the application.

If you are **NOT** a Building Contractor, please click [Setup an Account](#) to get started with a **public account**. This includes Tree Contractors.

Tree Contractors will apply for a new license under the Lakewood Licenses section.

 Permits

 Projects

 Building Contractors

For Applicable Projects:
Sign Acknowledgement Form
and Pay Performance
Security Deposit

Sign and Pay Performance Security Deposit in eTRAKiT

C&D projects subject to the performance security deposit requirement will have two additional steps:

Step 7. Sign and upload the *C&D Waste Recycling Performance Security Deposit Refund Acknowledgement Form* in eTRAKiT

Step 8. Pay the deposit amount calculated for your project



Construction and Demolition Waste Recycling Performance Security Deposit and Refund Acknowledgement Form

Contact Name _____ Email Address _____
Title _____ Permit Number _____
Company _____ Project Name _____
Phone Number _____ Project Address _____

Applicant understands that:

1. To perform a building or demolition project in the City of Lakewood, Applicant is responsible for complying with all laws, regulations, and rules of the City of Lakewood, including the construction and demolition (C&D) waste diversion requirements pursuant to Title 14 of the Lakewood Municipal Code and Article 13 of the Lakewood Zoning Ordinance.
2. There is a non-refundable two-hundred-dollar (\$200.00) fee for each C&D Waste Recycling application. An applicant is required to submit two separate applications- one for demolition of existing buildings and one for new construction.
3. If a development project is required to comply with 17.13.2 Enhanced Development Menu of the Lakewood Zoning Ordinance, prior to issuance of any demolition and/or construction permits, Applicant must post a Performance Security Deposit. The Deposit shall be based on the gross square footage of the building(s) for construction projects and the gross square footage of the building(s) plus any area of disturbance for demolition projects.
 - o The Performance Security Deposit is calculated at the rate of one dollar (\$1.00) per square foot, with a minimum Performance Security Deposit of two thousand, five hundred dollars (\$2,500.00), up to a maximum of one hundred thousand dollars (\$100,000.00).
4. The City shall hold the Performance Security Deposit until the end of the permitted project and refund it in whole or in part based upon compliance with the C&D waste diversion requirements. Acceptable forms of payment are cash, check, credit, or letter of credit made payable to the "City of Lakewood".
5. During the project, it is the responsibility of the contractor to follow the guidelines set forth in the *C&D Applicant Resource Guide* related to project implementation.

During Project

Implement Your C&D Project
in Accordance with Approved
Waste Management Plan

Implementing Your C&D Project

Confirm Acceptable Items for Reuse & Recycling with Selected Haulers and Facilities - Recommended

- Review the Reference List of C&D Haulers, Recycling Facilities, Reuse Outlets, and Reusable Material Guidance on Lakewood's C&D landing page.
- Call your selected haulers or facilities with additional questions like which materials they will accept and how they should be sorted and prepared for recycling or reuse.
 - For instance, you may accidentally demolish an entire fence when a reuse outlet could have taken 4x4 sections for reuse or scrap all surplus drywall when reuse outlets could have taken ½ sheets or larger.

Implementing Your C&D Project

Train Staff & Vendors - **Required**

- Train all staff on your plan to separate waste into recycling, reuse, and landfill categories.
- Training should also be provided to employees on how to handle materials targeted for reuse to ensure they are not damaged.
- If you contracted with a C&D hauler who does not typically recycle, explain to them where you want materials to be taken and that you need weight tickets for proof of recycling.



Implementing Your C&D Project

Set Up Job Site for Waste Diversion - **Required**

- Post a copy of the waste management plan at the project site.
- Co-locate waste containers or piles as applicable and label each container or pile with material type. Sign templates provided on website.



Implementing Your C&D Project

Install Basic Security Measures - **Recommended**

- Installing basic security measures can prevent illegal theft of valuable materials and dumping of trash from the community. Dumping deterrent signage, roll off covers, and temporary chain link fencing are recommended. For high value jobs, consider motion sensor lighting and cameras.
- [Report](#) illegal dumping to Lakewood code enforcement or police dept but know that without cameras to identify perpetrators there is little recourse.
- **Note:** *Materials dumped from community at your job site will not count towards diversion.*



Request and Retain Weight
Tickets and Donation Receipts
for Required Material Diversion

Request and Retain Weight Tickets and Donation Receipts

Collect all weight tickets and donation receipts throughout project and periodically upload to Green Halo - **Required**

- Throughout the project, request and retain donation receipts and weight tickets related to required material reuse, recycling or disposal.
 - This includes all landfill or recycling facility weight tickets, receipts of donation to reuse outlets and charity shops, and photo documentation of informal resale or giveaway on peer-to-peer marketplaces.
- Upload all documentation to your waste management plan in Green Halo. ***Detailed upload instructions in next section.***



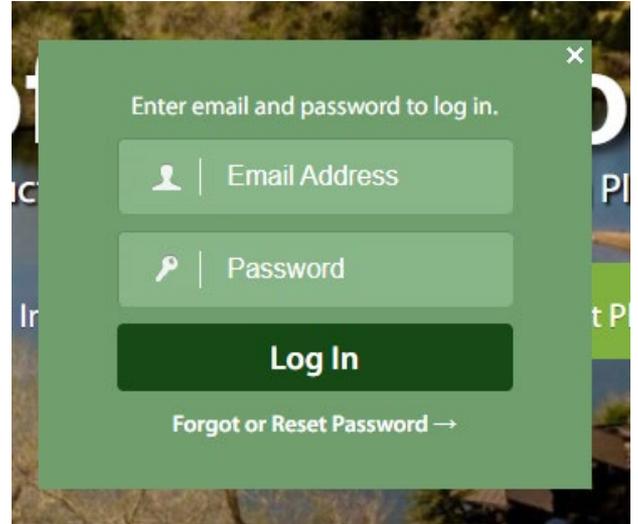
After Project Completion

Upload Weight Tickets and Donation Receipts in Green Halo

Upload Tickets and Receipts in Green Halo

Step 1. Log into your existing account in Green Halo

<https://wastetracking.com/city/lakewoodco>



Upload Tickets and Receipts in Green Halo

Step 2. Click 'Approved' or 'Active Approved Waste Management Plans'

The screenshot displays the Green Halo user interface. At the top, there is a navigation bar with the following elements: 'MY PROJECTS LIST' with a folder icon, 'ADD ANOTHER PROJECT' with a plus sign icon, 'HOW TO CREATE A PLAN' with a question mark icon, a search input field, and a 'FIND' button. Below the navigation bar is a secondary bar with tabs: 'Overview' (selected), 'In Progress (9)', 'Submitted (0)', 'Approved (4)' (highlighted with a red box), 'Final (0)', and 'Completed (0)'. The main content area is titled 'PROJECT STATUS AND OVERVIEW' and contains a table with the following data:

PROJECT STATUS AND OVERVIEW	
Active and Approved Waste Management Plans	4
Waste Management Plans in Progress	9
Waste Management Plans Pending Approval	0
Waste Management Plans Submitted for Final	0
Waste Management Plans Completed	0

Upload Tickets and Receipts in Green Halo

Step 3. Click 'Add tickets'

1 **Decon on Cedar Dr (map)**
12300 W Cedar Dr, Lakewood, CO 80228
GH Tracking #: [GH377-581-4074](#) Permit #: [DEM-00001](#)

Contractor: Incircled
Phone:

 0.00 Recycled Tonnage	 0.00 Disposed Tonnage	 0% Inert Recovery (required 0.00%)	 0% Non-Inert Recovery (required 0.00%)	 0% Overall Diversion (required 0%)
 Add Tickets (0)	 Order Service	 Post for Sale	 Functions	 Submit for Final

Status:  **Approved**  **Messages (1)**

Date Created: 12/26/24 Date Approved: 12/26/24 Days Active: 1

Upload Tickets and Receipts in Green Halo

Step 3. Add each weight ticket individually - recycling

Note: If you have several receipts for the *same material taken to the same facility*, you can take a legible picture of all of them together, add up the weights and do a single upload.

Single Ticket Entry Form [? How to Upload Tickets](#)

Ticket Type Recycle and Dispose Salvage and Reuse

Material * Asphalt - Pavement & Grinding

Facility * Colorado Landscape Materials

Hauled By * Self Haul
(if you hauled this load yourself select Self Haul, otherwise please select the name of t
Approved Hauler List
Other (please specify)

Ticket # * 134200

Ticket Image * (please make sure all tickets are legible to avoid rejection)
Choose File asphalt recycling.png

Ticket Date * 2024-07-27

Weight * 6
 Tons

Unit of measure * Cubic Yards Pounds

Percentage 100% (what percentage of this ticket is for this project?)

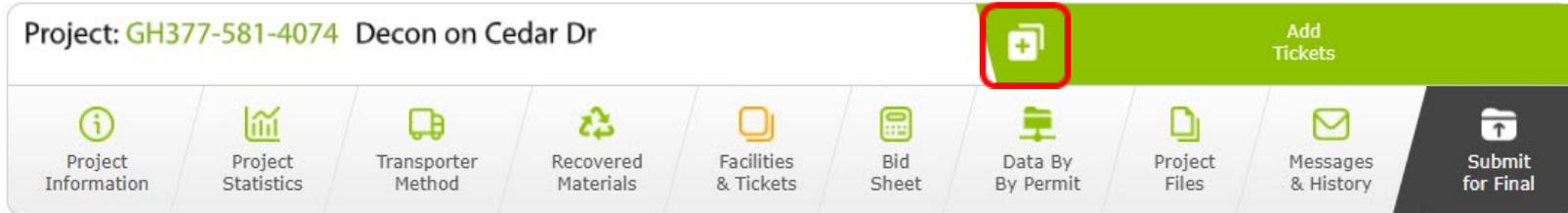
Submitted By * John Doe

SUBMIT TICKET



Upload Tickets and Receipts in Green Halo

Step 4. After your first ticket is added, your home screen will display project statistics. Add another ticket by clicking the “+” icon in the green bar.



Upload Tickets and Receipts in Green Halo

Step 4 Continued: Add landfill weight tickets



Single Ticket Entry Form



How to Upload Tickets

Ticket Type

Recycle and Dispose

Salvage and Reuse

Material *

Waste (Trash)

Facility *

FOOTHILLS LANDFILL - REPUBLIC

Hauled By *

Self Haul

(if you hauled this load yourself select Self Haul, otherwise please select the name of t

Blue Bear Waste Services

Other (please specify)

Ticket # *

155197

Ticket Image *

Choose File trash.jpg

Ticket Date *

2024-06-21

Weight *

13.75

Tons

Unit of measure *

Cubic Yards

Pounds

Percentage

100%

(what percentage of this ticket is for this project?)

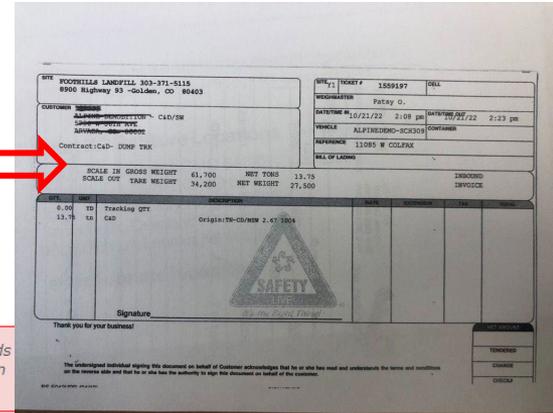
Submitted By *

John Doe

SUBMIT TICKET

(please make sure all tickets are legible to avoid rejection)

Verify unit of measure for your ticket in tons, pounds cubic yards. Entering the wrong unit of measure can result in your ticket or project being rejected.



Upload Tickets and Receipts in Green Halo

Step 4 Continued: Add material donation receipts

If you donated materials to a reuse facility or thrift store you must include the donation receipt.

Enter Ticket Information

Ticket Type Salvage and Reuse

Recycle and Dispose

Choose *

<input checked="" type="checkbox"/> Appliances	<input type="checkbox"/> Architectural Feature	<input type="checkbox"/> Bricks - Masonry Blocks
<input checked="" type="checkbox"/> Cabinets	<input type="checkbox"/> Carpet Padding/Foam	<input type="checkbox"/> Ceiling Tiles
<input type="checkbox"/> Concrete	<input type="checkbox"/> Counter Tops	<input type="checkbox"/> Dirt - Clean Fill
<input checked="" type="checkbox"/> Doors	<input type="checkbox"/> Electrical Equipment	<input type="checkbox"/> Fixtures and Hardware
<input type="checkbox"/> Furniture	<input type="checkbox"/> Hardwood Flooring	<input type="checkbox"/> Light Fixtures
<input type="checkbox"/> Molding	<input type="checkbox"/> Rock, Sand, Gravel & Inerts	<input type="checkbox"/> Sinks, Toilets, and Tubs
<input type="checkbox"/> Steel Beams and Framing	<input type="checkbox"/> Tile and Stone	<input checked="" type="checkbox"/> Windows
<input type="checkbox"/> Wood - Clean	<input type="checkbox"/> Other	

Usage * Donated

Reused OnSite

Salvaged for Reuse (for reuse elsewhere on another project)

Facility * Habitat for Humanity - Denver

Ticket # * NA

(please make sure all tickets are legible to avoid rejection)

Ticket Image restore.jpg (Donation receipt only, upload supporting documentation below)

Ticket Date * 2024-12-14

Weight/Qty * 1000

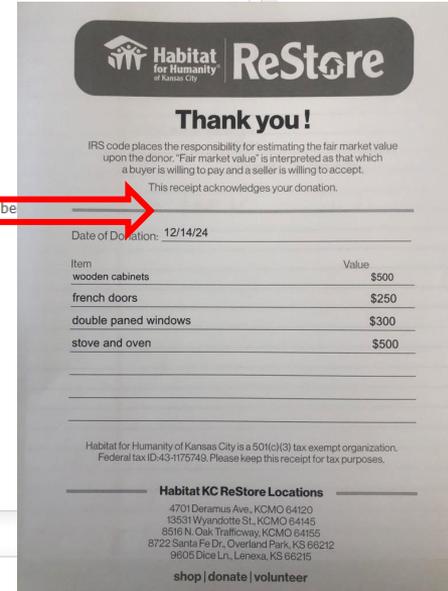
Unit of measure * Cubic Yards

Tons

Pounds

Percentage 100% (what percentage of this ticket is for this project?)

Description Add a description of how the materials were salvaged



Upload Tickets and Receipts in Green Halo

Step 5. Record reuse activities for which there are no weight ticket or donation receipt issued

These activities include onsite reuse in project, material resale or giveaway on an online marketplace, or stockpiling materials for use in a future project.

Note: Record these activities in the description box and upload photo documentation. You can also fill out and upload Lakewood's *C&D Material Reuse Inventory* template to account for multiple reuse activities in one upload.

Enter Ticket Information

Ticket Type Salvage and Reuse
 Recycle and Dispose

Choose *

<input type="checkbox"/> Appliances	<input type="checkbox"/> Architectural Feature	<input type="checkbox"/> Bricks - Masonry Blocks
<input type="checkbox"/> Cabinets	<input type="checkbox"/> Carpet Padding/Foam	<input type="checkbox"/> Ceiling Tiles
<input checked="" type="checkbox"/> Concrete	<input type="checkbox"/> Counter Tops	<input checked="" type="checkbox"/> Dirt- Clean Fill
<input type="checkbox"/> Doors	<input type="checkbox"/> Electrical Equipment	<input type="checkbox"/> Fixtures and Hardware
<input type="checkbox"/> Furniture	<input type="checkbox"/> Hardwood Flooring	<input type="checkbox"/> Light Fixtures
<input type="checkbox"/> Molding	<input type="checkbox"/> Rock, Sand, Gravel & Inerts	<input type="checkbox"/> Sinks, Toilets, and Tubs
<input type="checkbox"/> Steel Beams and Framing	<input type="checkbox"/> Tile and Stone	<input type="checkbox"/> Windows
<input type="checkbox"/> Wood - Clean	<input type="checkbox"/> Other	

Usage * Reused OnSite
 Salvaged for Reuse (for reuse elsewhere on another project)

Weight *

Unit of measure * Cubic Yards
 Tons
 Pounds

Verify unit of measure for your ticket in tons, pounds or cubic yards. Entering the wrong unit of measure can result in your ticket or project being rejected.

Description
Add a description of how the materials were salvaged

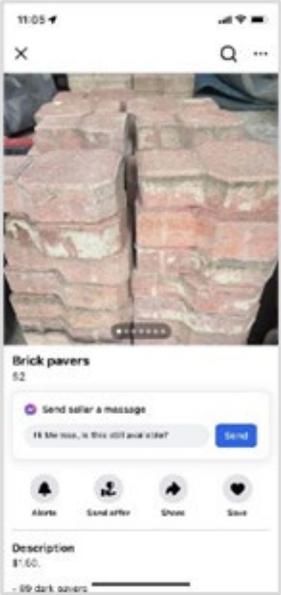
Documentation

<input type="button" value="Choose File"/>	concrete reuse.jpg	<input type="button" value="Delete"/>
<input type="button" value="Choose File"/>	concrete reuse.jpg	<input type="button" value="Delete"/>
<input type="button" value="Choose File"/>	No file chosen	(Upload Inventory List and Pictures of Materials, PDF, JPG, XLS)
<input type="button" value="Choose File"/>	No file chosen	(Upload Inventory List and Pictures of Materials, PDF, JPG, XLS)

Submitted By *

Upload Tickets and Receipts in Green Halo

Step 5 Continued: Examples of acceptable material reuse documentation for Green Halo



Upload Tickets and Receipts in Green Halo

Step 5 Continued: Example of Completed C&D Material Reuse Inventory

Template available at
lakewood.org/C&Dwaste

1	Material Type	Method of Material Reuse (select one)	Quantity or Estimated Weight	Metric (select one)
2	Tipo de Material	Método de Reutilización (indica uno)	Cantidad o Peso Estimado	Unidad (indica uno)
Architectural Salvage / Artículos Reutilizables				
3	Please list items below. Haga una lista de artículos abajo por favor.			
4	marble countertops	Peer-to-peer marketplace resale or give away / reventa o regalar en mercado en línea	700	pounds / libras
5	chandelier	Peer-to-peer marketplace resale or give away / reventa o regalar en mercado en línea	30	pounds / libras
6	mirror	Peer-to-peer marketplace resale or give away / reventa o regalar en mercado en línea	10	pounds / libras
7	clawfoot tub	Peer-to-peer marketplace resale or give away / reventa o regalar en mercado en línea	100	pounds / libras
8	Asphalt / Asfalto			
9	asphalt from driveway	Onsite reuse / reutilización in situ	5	cubic yards / yardas cúbicas
0	Cardboard / Cartón			
1				
2	Concrete / Concreto			
3	concrete pavers	Onsite reuse / reutilización in situ	300	pounds / libras
4	Metal			
5	structural steel beams	Reuse in future project / reutilización en futuro proyecto	1	tons / toneladas
6	Untreated Wood / Madera Sin Tratar			
7	pallets	Peer-to-peer marketplace resale or give away / reventa o regalar en mercado en línea	48	pounds / libras
8	wooden posts	Onsite reuse / reutilización in situ	200	pounds / libras
9	Other / Otro – Please specify any other materials below. Por favor, especifique otros materiales abajo.			
0	dirt	Onsite reuse / reutilización in situ	10	cubic yards / yardas cúbicas

Submit Your
Waste Management Plan for
Final Review in Green Halo

Submitting Your Waste Management Plan for Final Review

Step 6. Give your waste management plan a final review and click 'Submit for Final'.

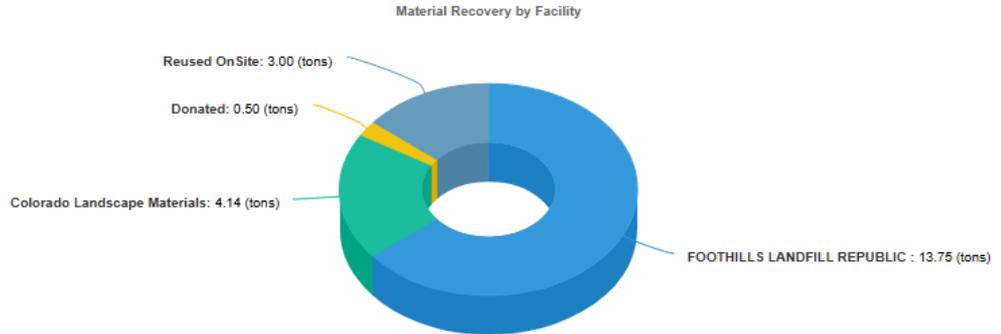
Note: You are not done yet. Continue to the next step.

Project: GH377-581-4074 Decon on Cedar Dr

Add Tickets

- Project Information
- Project Statistics
- Transporter Method
- Recovered Materials
- Facilities & Tickets
- Bid Sheet
- Data By Permit
- Project Files
- Messages & History
- Submit for Final

Material Recovery by Facility [EXPORT WEIGHT TICKETS TO EXCEL](#) [EXPORT SALVAGE TICKETS TO EXCEL](#)



Submitting Your Waste Management Plan for Final Review

Step 7. A

confirmation screen will display with your estimated recovery rate. Click 'Submit for Final'.

Project: GH377-581-4074 Decon on Cedar Dr Add Tickets

Project Information | Project Statistics | Transporter Method | Recovered Materials | Facilities & Tickets | Bid Sheet | Data By Permit | Project Files | Messages & History | **Submit for Final**

Submit

CONGRATULATIONS YOU JUST HELPED THE ENVIRONMENT!



YOUR PLAN MEETS THE JURISDICTION RECOVERY RATE OF **0.00%**
WITH A PROJECT RATE OF **28.02%**

Note: If your project contains a large volume of tickets, project review time may take longer.

This project will be submitted for Final Inspection to the Jurisdiction of Lakewood. Please review the plan and verify that all tickets that apply to this plan have been entered. Once this plan is submitted no editing, changes or additions can be made to this plan. If your plan does not comply with the Jurisdiction of Lakewood recovery rate of 0.00% please provide an explanation in the field listed below. You may also use this field to provide comments, notes or other issues specifically related to the completion of this project for review by the jurisdiction official.

Final Image No file chosen (DO NOT UPLOAD RECYCLING RECEIPTS HERE)

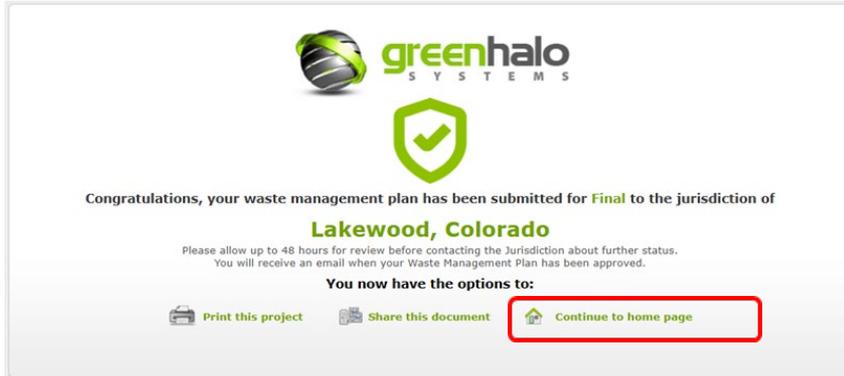
Comments

Submitted By *

Submitting Your Waste Management Plan for Final Review

Step 8. You will reach a confirmation screen stating that your waste management plan has been 'Submitted for Final' to Lakewood. This constitutes your 'Final Compliance Report'.

If you click 'continue to home page', your project will now be in the category 'Waste Management Plans Submitted for Final'.



The image shows a confirmation screen from Greenhalo Systems. At the top left is the Greenhalo Systems logo, which includes a green and black globe icon and the text "greenhalo SYSTEMS". Below the logo is a green shield icon with a white checkmark. The main text reads: "Congratulations, your waste management plan has been submitted for Final to the jurisdiction of Lakewood, Colorado". Below this, it says: "Please allow up to 48 hours for review before contacting the Jurisdiction about further status. You will receive an email when your Waste Management Plan has been approved." At the bottom, it says "You now have the options to:" followed by three buttons: "Print this project", "Share this document", and "Continue to home page". The "Continue to home page" button is highlighted with a red rectangle.



The image shows a dashboard titled "PROJECT STATUS AND OVERVIEW". At the top, there are navigation links: "MY PROJECTS LIST", "ADD ANOTHER PROJECT", and "HOW TO CREATE A PLAN". Below these are filters: "Overview", "In Progress (9)", "Submitted (0)", "Approved (3)", "Final (1)", and "Completed (0)". The main content area is a table with the following data:

PROJECT STATUS AND OVERVIEW	
Active and Approved Waste Management Plans	3
Waste Management Plans in Progress	9
Waste Management Plans Pending Approval	0
Waste Management Plans Submitted for Final	1
Waste Management Plans Completed	0

The row for "Waste Management Plans Submitted for Final" is highlighted with a red rectangle.

Lakewood Staff Completes
Final Review of Your Executed
Waste Management Plan

Submitting Your Waste Management Plan for Final Review

Lakewood has sixty (60) days to review and approve your executed waste management plan for compliance and if applicable, calculate the amount of your performance security deposit to return.

Note: Staff will reach out via the Green Halo messaging platform with any clarifying questions. Lookout for emails from 'Green Halo Systems' and log in to respond.

1 Decon on Cedar Dr [\(map\)](#)
12300 W Cedar Dr, Lakewood, CO 80228
GH Tracking #: [GH377-581-4074](#) Permit #: [DEM-00001](#)

Contractor: Inciroled
Phone: 317-340-8086

7.43 Recycled Tonnage	13.96 Disposed Tonnage	95% Inert Recovery (required 0.00%)	20.29% Non-Inert Recovery (required 0.00%)	34.75% Overall Diversion (required 0%)
Add Tickets (6)	Order Service	Post for Sale	Functions	Submit for Final

Status: Approved Messages (1) Date Created: 12/28/24 Date Approved: 12/28/24 Days Active: 1

Green Halo Systems <no-reply@greenhalosystems.com>
to me

GREEN HALO SYSTEMS
Recycling today's resources for tomorrow's generations

NEW MESSAGE

NEW MESSAGE FOR:

(Decon on Cedar Dr) (GH377-581-4074) (PERMIT #: DEM-00001)

ADDRESS: 12300 W Cedar Dr , Lakewood, CO

MESSAGE:

New Message

Thank you for your waste management plan. You indicated you will be reusing concrete onsite. Could you explain how do you plan to reuse concrete onsite?

Please [log in](#) to read or reply to your message.

Contact

Questions or concerns?

Email

cdwt@lakewood.org

Thank you for helping the city reach our waste diversion goals by reducing, reusing and recycling valuable C&D materials.



Lakewood
Colorado