

Northern Colorado Council Meeting

August 16th, 2023, 10:00am - 11:30am

Attendees

Sandy Briggs, Brandy Moe, Mellik Gorton, Emily Freeman, Alicia Archibald, Nick Wilson, Antonia Gallegos, Amy Randell, Charlie Kamenides, Ally Byzewski, Kara Wright, Jason Sansone & Chad Anderson

Meeting Video Recording: <https://youtu.be/bA57080XL70>

Q3 Spotlight Presentation Agenda

Recycle Colorado: To advance infrastructure, end markets, and state and local policies in waste reduction, recovery, and diversion.

NoCo Council Introduction

- Chair: Becca Walkinshaw, Republic Services
- Vice Chair: Amy Randell , Circular Colorado
- Recorder: Kara Wright, Pinyon Environmental
- Board Liaison: Charlie Kamenides, City of Longmont; Neil Nobel Republic Services
- Staff Lead: Ally Byzewski, Operations Coordinator

Recycle Colorado Announcements

- Annual Meeting, October 20th, Salida, CO
 - Come for networking and to vote for board nominations! There are 5 open seats this year.
- Council & Committee Meetings

Attendee Introductions

- Name, Organization, where you are from in chat
- Nicholas Wilson- waste infrastructure development
- Antonia- city climate initiatives and local C&D ordinance development
- Sandy- city climate initiatives and circular economy programs
- Emily Freeman- circular economy policy advisor, local C&D ordinance
- Alicia- local waste diversion ordinance implementation

Introduction to Presentation

Jason Sansone and Chad Anderson from Colorado Stud Company

- Northern Colorado Entrepreneurs diversify to create a local scrap lumber circular economy. Colorado Stud Company owners previously hauled and resold used lumber. He saw a business opportunity & invested in new manufacturing equipment, creating premium studs from scrap lumber. These recycled studs are used locally as building materials for construction sites. Launching into full operation this August, Colorado Stud Company (CSC) is saving an estimated 69,000 Trees this year with its methods of recycling wood.
- Leveraging dual roles in framing and commercial construction, CSC sources an average of 6 dumpsters of production waste daily to their plant in Nunn, Colorado. The cost to haul is about 50% less than typical landfill fees.
 - Average haul from production and construction sites are about 66% usable material.
 - Unusable materials include OSB, pretreated lumber, and plywood. These are given to a 3rd party for alternative processing like animal bedding.
 - Testing the usability of hauls from deconstruction is on the horizon, but CSC currently does not work with deconstructed or salvaged material as there are specific processing needs they cannot currently meet like denailing.
- Using a custom-built system, CSC produces about 3,600 premium “Western Woods” finger-jointed studs daily. The studs are rated the same as traditional non-finger-jointed studs and cost the same if not slightly less.
 - Items that are not to spec (width, angled edges, wood knots, etc) are hand sorted and ripped down for quality control.
- CSC’s goal is to double production to process 12 hauls of input daily, which they believe will meet the production capacity of their facility.

Spotlight Q & A

Contact information

Jason Sansone

jason@cosbuilders.com

Website to come

Was all this equipment designed specifically for these purposes or were some retooled from other more traditional lumber processors?

Yes, it was custom designed over 3 years in collaboration with a custom machinery company based in Canada.

Do you have any problems finding buyers of the studs?

Not right now, most builders who supply inputs are also customers of the final product. CSC does not currently supply to retail stores.

How does the product compare to traditional studs?

Due to the join, the strength of the product is actually superior to traditional studs, so it is considered a premium product, sold just at or below the market price of a traditional stud.

What kind of regulation and/or testing of the final product is involved?

Daily testing is conducted for failure, bending, breaking, and weathering. CSC is subject to surprise monthly inspections.

After these studs are used in a building, would they be able to go through your process again? If they were reclaimed?

Yes, even components that are rejected during processing are put back in the line.

When are you going to do this in other places in the state?

Nunn, CO was selected for its balance of land costs and transportation fee. If market conditions can support new locations, it will be considered.

Business Meeting Agenda

Next Meeting: November 14th, 3-4:30pm

- *Larimer County*
- *Electrification*

Community Updates: Round table questions to answer: Name, Organization, and let us know, what is your organization up to?

City of Steamboat: Mandatory recycling ordinance is rolling out with specific challenges with private haulers who have the ability to change rates and/or limit services.

Longmont: Approved mandatory recycling ordinance and will be addressing the plastic pollution reduction act next.

City of Boulder: Exploring strategies for preparing deconstruction waste for processing and will be exploring single use plastic policy next.

Closing Remarks

Next meeting: Q4 Nov 14th 3:00PM