

Ramsey County Master Plan

Solid Waste Advisory Committee Meeting

May 30, 2017

Welcome back!

- Approval of agenda
 - Approval of 5/16/17 minutes
 - Review of logistics
 - Introductions
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Today's meeting topic:

Management of
Construction & Demolition Waste
a.k.a.
C&D Waste

Presenters:

Michael Reed, Ramsey County, Environment
Health Supervisor

- Eve Pytel, Programs Director, Delta Institute (March 31, 2017 video from Solid Waste Management Coordinating Board's Sustainable Practices for Minimizing Demolition Waste Workshop)

Jon Ekeroth, Frattalone Companies, Inc

C&D Waste Overview

- Ramsey County is fully developed: something must come down for something to go up
 - Policy Plan - addition of C&D waste to list of priority materials
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Sustainable Demolition Materials Management

Ramsey County's Role

- License/Inspect 7 Solid Waste Transfer Stations
 - Pre Demolition Inspection Program
 - ~150 residential/commercial/industrial structures inspected each year.
 - Goal – get the right waste to the right place
 - High profile projects – Ford Motor, Twin City Army Ammunition Plant, Union Depot, Midway Stadium, Schmidt Brewery, Former 3M HQ, RC Government Center West/Law Enforcement Center
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Sustainable Demolition Materials Management

Ramsey County's Role (continued)

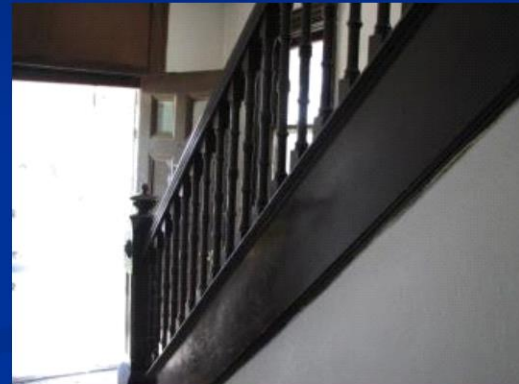
- Ramsey County landlocked
 - Demolition as an economic indicator
 - Technical Assistance
 - Promotion of strategies to encourage higher uses for demolition materials
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Deconstruction: Soft Stripping Opportunities

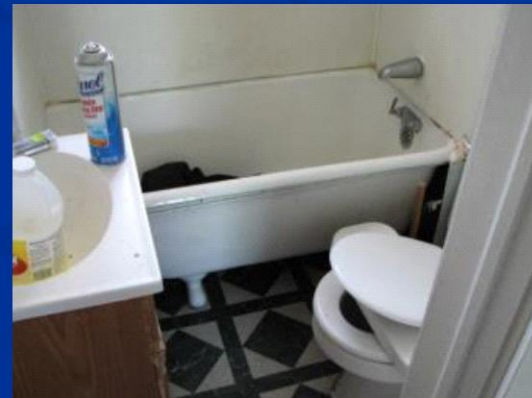
Woodwork

- Cabinets
- Banisters
- Trim & Molding
- Flooring
- Doors/Windows



Deconstruction (cont.)

- Hot water radiators
- Major Appliances:
< 5 years old & working
- Unique plumbing & lighting fixtures
- Unique hardware



Sustainable Demolition Materials Management

- Typical Residential Demo
 - 50% by weight can be recycled by recovering concrete from the basement, sidewalk, driveway and metals.
 - Typical Commercial/Industrial Demo
 - Recycling of 80-90% by weight is common. “Industry was recycling way before recycling was cool”
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Sustainable Demolition Materials Management

Other Tools to Promote Diversion

- C&D Processing
 - Deconstruction
 - Government led approaches
 - Model Ordinances/Demo Contracts
 - Subsidized deconstruction training
 - Waste Management Plans
 - Deposits
 - Diversion Goals
 - Expand markets
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Questions and Answers



Frattalone Recycle

Questions and Answers



Let's talk about C&D Waste!



C&D Dialogue:

1. What role do you think government should have when managing demolition waste?

-Contractor Training

What suggestions do you have on developing workforce and/or training in deconstruction?

-City ordinance development, regulation or establishment of best management practices

- Technical assistance
 - Consumer education
 - Job training/creation
 - Market development/economic development'
 - Regulation
 - Setting goals for specific project diversion goals
 - Inspection of buildings prior to demolition to identify hazardous waste
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2. Do you have any concerns about Ramsey County doing more to increase demolition waste diversion?

3. What future opportunities do you see to increase demolition waste diversion?

Table exercise

4. If government was to set demolition diversion goals for individual projects, what do you think those diversion percentages should be for salvage/reuse and recycling?

- For example, Portland has set a goal of 5% salvage and 60% recycling goal for each demolition project. Do you feel this goal is achievable? Why or why not? What would be achievable?***
 - What incentives would contractors need to meet these goals?***
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Next Steps:

- **Post-Survey for C&D**
 - **Following up survey – Environmental Justice Questions**
 - **July 24th Master Plan Draft available for SWAC comment**
 - **August 1st: draft available for public comment**
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SWAC Compensation Gift cards!



Check the website for master plan updates:
www.ramseyrecycles.com/masterplan

The screenshot shows the top portion of the Ramsey Recycles website. At the top left is the Ramsey County logo. To its right are social media icons for Facebook, Twitter, and Pinterest. Further right are three buttons: 'Master Plan' (blue), 'Ask a Question. Live Chat!' (green), and 'E-Newsletter Sign-up' (teal). Below these is a horizontal navigation menu with the following items: 'EVENT RECYCLING', 'DROP-OFF SITES', 'FIX-IT CLINICS', and 'RECYCLING GUIDE'. The main content area features a large purple banner with the text 'RAMSEY RECYCLES HAIR DYE (and lots of other household hazardous waste)'. To the right of the text is a photo of a woman with teal hair, and a purple arrow graphic pointing down with the text 'HOUSEHOLD HAZARDOUS WASTE'. Below the banner is a teal bar with the text 'RECYCLING IN RAMSEY COUNTY IS EASY' and 'Discover Ramsey County recycling categories below.' with a blue arrow pointing right.

Thank you!



**RAMSEY
COUNTY**
