

Meeting Minutes
Ramsey County Solid Waste Advisory Committee (SWAC)
May 30, 2017
5:15 p.m. - 7:30 p.m.

Program Information:

Ramsey County Master Planning updates: www.ramseyrecycles.com/masterplan

Meeting location:

Ramsey County Environmental Health, 2785 White Bear Avenue, Suite 350, Maplewood, MN 55109

Members Present:

Jon Ekeroth, Romack Franklin, Laura Horner, Anne Hunt, Chuck Joswaik, Kim Labo, Lori Olinger, Erin Pavilca, Tim Pratt, Regina Rippel, Robert Stewart, Mark Stoltman, Chris Swanson, Todd Tanner, Andre Xiong.

Ramsey County Environmental Health Staff:

Kate Bartelt, Rae Eden Frank, Kim Lazarski, Zack Hansen, Mary Elizabeth Berglund, Michael Reed, Joe Wozniak.

Other Staff & Visitors:

Sig Scheurle, MPCA Staff, sitting in for Peder Sandhei.

Members Absent:

Paul Gardner, Chris Hove, Julie Ketchum, Caroline McFadden, Ryan O’Gara, Peder Sandhei, Paul Slattery, George Walter, Elizabeth Zelanga.

The meeting was called to order at 5:30 pm.

Agenda item:	Speaker/Discussion:
Welcome and introductions Approval of agenda Approval of May 16, 2017 minutes	Rae Eden Frank welcomed everyone to the meeting and introductions were made. SWAC approved May 30, 2017 agenda as presented by majority vote. SWAC approved meeting minutes from May 16, 2017 by majority vote.
Topic Introduction: Management of construction and demolition waste Presentations: Michael Reed, Ramsey County, Environment Health Supervisor	Michael Reed, a Ramsey County Environmental Health Supervisor gave an overview of Construction and Demolition Waste (C & D Waste) in Ramsey County. C&D is generated during the construction, renovation, and demolition. There are no new development opportunities in Ramsey County, it is fully developed. If a building wants to go up, one must come down first. The new Policy Plan has added C&D waste to the list of priority materials to be address. Ramsey County provides licensing & inspection of 7 solid waste transfer stations and a Pre-Demolition Inspection Program. Details regarding Ramsey County’s Pre-Demolition Inspections can be found on our website. The site includes a list of demolition, recycling, salvage and disposal contractors that residents and businesses can refer to: Ramsey County Pre-Demolition Inspections Some of Ramsey County’s roles in Sustainable Demolition Materials Management – to promote strategies to encourage higher uses for

demolition materials; manage waste – getting the right waste to the right place; managing hazardous waste that arrives on the tipping floor (asbestos, electronics, hazardous waste).

The best use of resources and energy is to reuse an existing building rather than building a new “green” one.

M. Reed played an excerpt from Eve Pytel’s presentation given on March 31, 2017 at the Solid Waste Management Coordination Board’s workshop on Sustainable Practices for Minimizing Demolition Waste. A video from E. Pytel’s presentation can be found within the Power Point Presentation link below.

E. Pytel talked about energy, ecosystems and waste, C&D characterization and major strategies to reduce C&D Waste.

In 2013, MN had more than 1.6 million tons of C&D waste landfilled.

C&D Characterization: wood, dirt, roofing, other materials. Lots that can be reused or recycled.

Potential Diversion from structures: up to 70% can be recycled, up to 25 % can be reused, 5-15% will go to the landfill for various reasons.

Materials that can be recycled: concrete, asphalt and shingles, gypsum wallboard, wood, porcelain, tile, metals, masonry, plastic, carpet, insulation. Lots of major product lines can be made from these materials. They can be used to produce new goods, aggregate, alternative daily cover, soil amendment or mulch or biomass for fuel.

Deconstruction – process of dismantling buildings in a way that allows for reuse of building materials

Reuse- to give a material a second life without being shredded, chipped, grinded, melted or smelted.

M. Reed continued his presentation and talked about soft stripping deconstruction opportunities. Removing quality items that could be reused like hot water radiators, appliances, woodwork, cabinets, banisters, trim & molding, flooring, doors and windows. Period homes, homes built after WWII, have a higher level of craftsmanship to them.

Deconstruction is not a one size fits all approach. For example, the value of the items depends on the size of trim and whether it has painted or stained.

Residential demos 50% of the materials can be recycled, by weight. In a commercial / industrial demo 80-90% can be recycled. The construction industry has been recycling materials since before it was cool!

Other tools to promote diversion: C&D processing, deconstruction,

	<p>government let approaches (ordinances, contracts), training, waste management plans, deposits, diversion goals, expanding end markets for materials.</p> <p>Some questions and discussion from the committee included:</p> <p>Shingles – have a high value of asphalt, can be included in road construction work or ground up and used like virgin materials.</p> <p>As a consumer, questions need to be asked of where materials are going; if they are being recycled, landfilled or processed.</p> <p>Carpet – if it’s in a roll, it can’t be accepted, if it’s in a demo it can be accepted.</p> <p>Laws requiring carpet manufactures to recycle, - voluntary product stewardship, will require legislation to move forward.</p> <p>Are all homes due for an inspection before a demo? Contractors have salvage rights to a home. They can remove items of value and environmental concerns.</p> <p>Home owners – to recycle smaller items, Habitat for Humanity. They will take items as a charitable donation.</p> <p>A copy of the presentation is here: Ramsey County's C & D Presentation</p>
<p>Jon Ekeroth, Frattalone Companies, Inc.</p>	<p>Jon Ekeroth gave a presentation on some of the projects Frattalone Companies, Inc. has worked on.</p> <p>Frattalone Companies is a civil site construction contractor that operates out of the Twin Cities Metro Area. They have performed demolitions on some of the largest and most difficult demolition projects in Minnesota including the Hubert H. Humphrey Metrodome in Minneapolis and Island Station Power Plant in St. Paul.</p> <p>They have experience removing structures and recycling the materials at a rate of 80%.</p> <p>During the Metrodome demolition 80,000 tons of concrete was salvaged and recycled. It was used to create a street that was 24 feet wide by 2 miles long.</p> <p>J. Ekeroth discussed materials that can be commonly salvaged from a demolition site including equipment (try to sell or scrap), metals, concrete, wood, drywall, interior fixtures and furnishings, and other items.</p> <p>Frattalone’s recycles materials to maximize their total income on a job; when it makes economic sense. Also, the decision to demo a site vs.</p>

	<p>deconstructing it – when it makes economic sense, it takes more employee time to deconstruct.</p> <p>A copy of the presentation is here: Frattalone's C&D Presentation</p>
Dialogue and Discussion	<p>M. Reed asked the committee:</p> <p>1) What role do you think government should have when managing demolition waste? Discussion centered around: Training, contractor or development of a new workforce City, state, county ordinances & regulations Market development of after use products</p> <p>2) Do you have any concerns about Ramsey County doing more to increase demotion waste diversion? No concerns were brought up</p> <p>3) What future opportunities do you see to increase demolition waste diversion? Time ran short to dive into this question.</p>
Table exercises:	<p><i>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?</i></p>
Next steps, closing & thank you:	<p>R. Frank reminded members about filling out the surveys that are sent out. Please fill out, we would like your input!</p> <p>Gift cards were handed out to member in attendance for their participation. If you were not present at the last meeting and would like to receive your gift cards, please email Rae Eden Frank to make arrangements to pick them up. Rachel.Frank@co.ramsey.mn.us You will need to physically stop in at the Ramsey County Environmental Health office to receive your cards. We require a signature from participants.</p> <p>Look for one more email from us. It will include the meeting minutes from May 30, 2017 and a link to an Environmental Justice survey. Please take a couple of minutes to fill it out. Thank you!</p>

The meeting adjourned at 7:30 p.m.

Minutes taken by: Kim Lazarski

Location: Ramsey County Environmental Health, 2785 White Bear Avenue, Suite 350, Maplewood, MN 55109

{Minutes of the May 30, 2017 Solid Waste Advisory Committee will be approved unless objections are emailed to Rachel.Frank@co.ramsey.mn.us by June 20,2017.}