

Solid Waste Management Advisory Council



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Agenda

- Story
- Problem
- Result
- Opportunity
- Collaboration
- Q & A







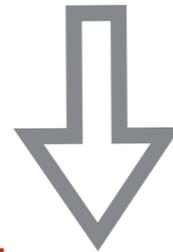


GYPSUM



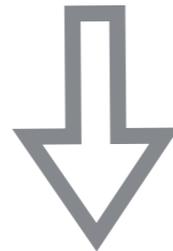
calcium sulfate dihydrate

Sulfate-reducing bacteria convert sulfates

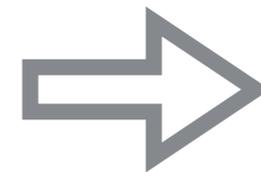


toxic hydrogen sulfide

methanogenic bacteria thrive and convert paper



methane gas and harmful water



Negative Impact



Oregon's materials management hierarchy

The Opportunity to Recycle Act provides that, to conserve energy and natural resources, materials management should follow a hierarchy:

- Reduce the amount of waste generated;
- Reuse materials for their original intended use;
- Recycle materials that cannot be reused;
- Compost materials that cannot be reused or recycled;
- Recover energy from materials that cannot be reused, recycled or composted; and
- Dispose of residual materials safely.



Recycle Materials that cannot be reused



Marion County

WATER QUALITY

- strategic responses
- public education
- minimize the effects on water quality
- work collaboratively with public and private partners





American Gypsum Recycling

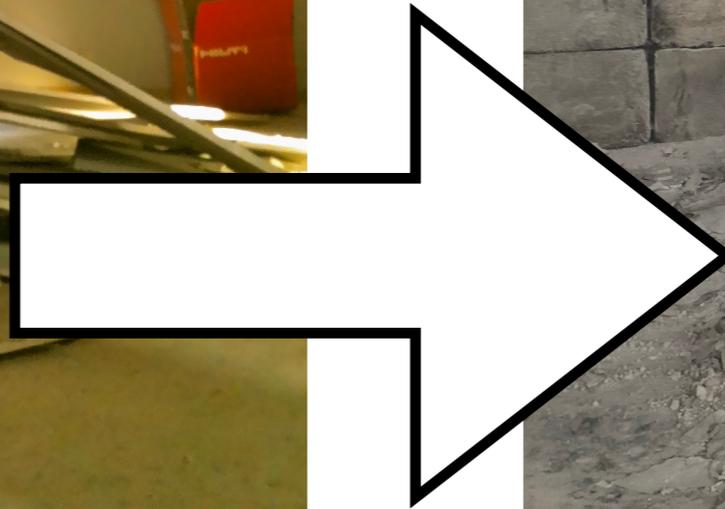




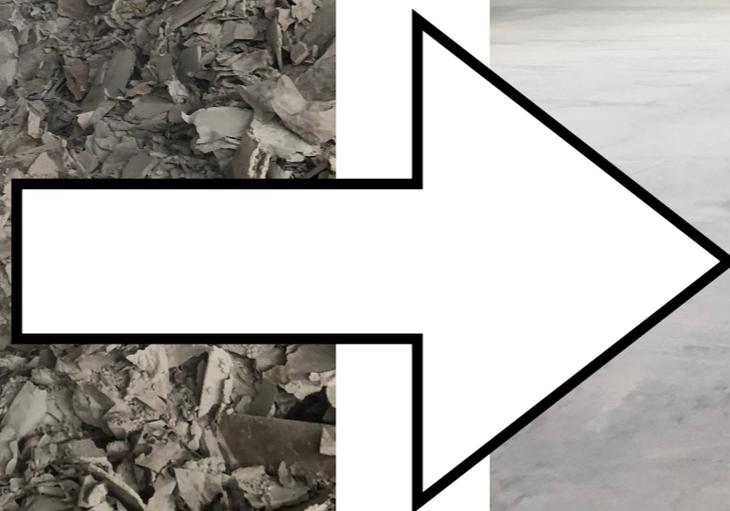
Recycle Results

- conserves valuable land space
- helps eliminate methane gases
- cost effective alternative to high disposal fees
- limits valuable LEED points that are “thrown” into landfills

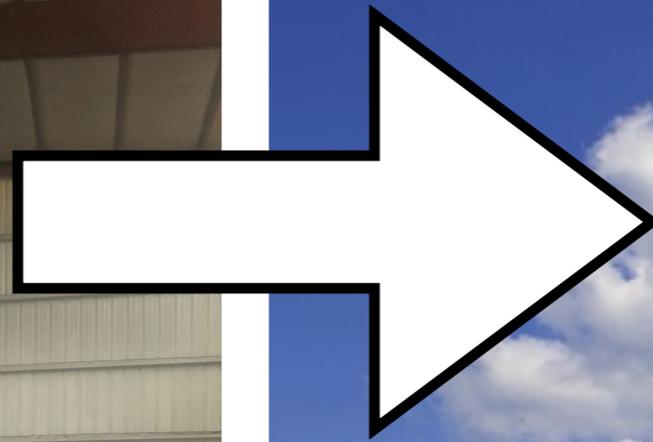
Changing the stream...



Changing the stream...



Changing the stream...



Agricultural Benefits of Gypsum:

- **water run-off and erosion control**
- **increased yield**
- **water filtration**
- **decreased use of water**
- **plant nutrition**



Solid Waste Management Advisory Council

Stewardship...we work to continuously improve our services through collaboration, innovation and competence.

Collaboration & Education

- AGR - a private company generating a public waste solution - leading the way!
- DEQ solution based decision rather regulation driven
- Haulers and Generators
- Community events and support





American Gypsum Recycling

Thank You for your
kind attention.

Questions?



+

Solid Waste Management Advisory Council

= Environmental and Community Impact for GOOD!



Statement of Values

Our commitment to citizens and fellow employees is to top-quality service by community-focused professionals who demonstrate the following values:

Customer Service

We treat our customers and one another with courtesy, respect, dignity, fairness, and understanding. We work to make Marion County accessible and responsive to a wide range of individual and community needs and interests. We promote flexible, creative, solutions-oriented approaches to resolving customer problems and meeting customer needs.

Professionalism

We hire, train, and develop our employees to be knowledgeable and expert in their respective roles. We strive for the highest levels of accuracy and quality in carrying out our responsibilities to the public.

Integrity

We are honest, forthright, and ethical in our dealings with others and on behalf of the public trust. We follow-through on our commitments and we hold one another and ourselves personally accountable for doing what we promise.

Stewardship

We seek to make the most efficient and effective use of public resources, and we work to continuously improve our services through collaboration, innovation, and competence. We strive to create and maintain a fair, transparent and open process of government that actively seeks citizen participation and recognizes the diverse and competing interests of all of the county's constituencies.



WATER QUALITY

- Identify strategic responses to water quality concerns
- provide public education outreach regarding current water quality issues
- minimize the effects on water quality from county operations using Best Management Practices
- Build relationships and work collaboratively with public and private partners to share information and resources

