

# C & DD Rules - Definitions

- 3745-400-01(F):

C & DD is: "**materials resulting from the alteration, construction, destruction, rehabilitation, or repair of any manmade physical structure,**" are those structural and functional materials comprising the structure and surrounding site improvements, such as brick, concrete and other masonry materials, stone, glass, wall coverings, plaster, drywall, framing and finishing lumber, roofing materials, plumbing fixtures, heating equipment, electrical wiring and components containing no hazardous fluids or refrigerants, insulation, wall-to-wall carpeting, asphaltic substances, metals incidental to any of the above, and weathered railroad ties and utility poles.



# C & DD Rules - Definitions

3745-400-01(II):

**Recycling:** “processing a material using such methods, including but not limited to, screening, sorting, or shredding, for use in a beneficial manner that does not constitute disposal.”

3745-400-01(OO):

**C & DD storage is:** the holding of debris for a **temporary period** in such a manner that it remains **retrievable and substantially unchanged** and, at the end of the period, is disposed, reused, or recycled in a beneficial manner.



# C & DD disposal exclusions

## □ 3745-400-03

(A) Any construction site where construction debris and trees and brush removed in clearing the construction site are used as fill material on the site where the materials are generated or removed.

(B) Any site where clean hard fill is used, either alone or in conjunction with clean soil, sand, gravel, or other clean aggregates, in legitimate fill operations.

[Comment: When clean hard fill is placed off the site of generation, the person placing the clean hard fill shall provide a Notice of Intent to Fill in accordance with paragraph (C) of rule 3745- 400-05 of the Administrative Code.]

**(C) Any site where debris is not disposed, such as where debris is reused or recycled in a beneficial manner, or stored for a temporary period remaining unchanged and retrievable.**



# C&DD Definitions

- **Illegal Disposal –**

Means the disposal of C&DD at any place other than a licensed C&DD disposal facility or a licensed solid waste landfill, or as otherwise authorized.

- **Disposal –**

Means the discharge, deposit, injection, dumping....of C&DD into or on any land or ground surface or surface water or into the air, except is the placement constitutes storage, reuse, or recycling.



# C&DD Recycling Facilities

- Point is to take in and process/sort the materials in order to remove valuable materials.
- Also reduces the volume of C&DD that is ultimately disposed.



# C&DD Recycling Facilities

- Gypsum Recycling
- Takes in clean scrap drywall from drywall construction contractors.
- Occasional off-spec drywall.
- Broken up with track loader and put through trommel screener.
- Product – Sold as soil amendment and also good for crops with sulfur needs.



# C&DD Gypsum Recycling

- Issue – Further processing or disposal of drywall paper with residual gypsum.







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# CDD Recycling – Other Issues

- Unwanted Materials









# CDD Recycling – Other Issues

- Dust





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# CDD Recycling – Other Issues

- Poor Separation Before Processing







# CDD Recycling – Other Issues

- Unauthorized volume reduction.





# CDD Transfer Facilities

- Reasons to operate a transfer facility:
- Load consolidation – Reduced fees at facilities that charge by volume. Also reduced transportation costs.
- If linked to a landfill, opens new service area that would not otherwise be available.



# CDD Transfer Facilities

- Largest Potential Problem - Large volume of waste accumulation, especially where the property has been leased.
- Big problem once cost of disposal exceeds value of the property.















01/04/2011











**Recycling  
Area**