



El Paso C&D Recycling
Serving West Texas and Southern New Mexico







Products Recycled

Gypsum, Wood, Cardboard, Metal,
Plastic, Concrete, Roof Shingles,
Particle Board



Shingles



Gypsum



Cardboard



Mulch

Recycling Plant Process

- Find End Markets First (Who will buy if you separate)
- Find Good Equipment and Location (Repairs will ruin you)
- Evaluate Competition (Landfills make money by burying waste)
- Learn The Regulations (Know the rules inside and out)
- Learn What Customers Want (They may want product shredded not bailed)
- Process Materials Correctly (Avoid contamination of finished product)
- Hauling and Disposal (Waste is cost in recycling so have as little as possible)

HIGH-VOLUME MIXED C&D SORTING FACILITIES 2010



Construction Waste Recycling

- 10% of waste stream, but 30% of volume
- In 2012 the amount of C&D recycled saved 4300 acres of landfill space at a depth of 50'
- In 2012 the amount of greenhouse gas emissions avoided by recycling C&D = 4.7 million cars off the road for a year, and energy savings in a year = 85 million barrels of oil
- There are over 20,000 jobs in the US supported by C&D recycling and its secondary uses
- There is over \$4.5 billion in C&D recycling facility investment in the US
- Direct annual output revenue from C&D Recycling is estimated at \$7.4 billion annually, and when considering economic and induced economic output the industry contributed over \$17 billion to the economy
- Concrete, Asphalt, Wood, Gypsum, Asphalt shingles, Metals, Ceiling tiles, Carpet, Plastics, & Cardboard
- Easy markets and Creating a market
- Drywall and Hydrogen Sulfide, secondary life
- Shingles and their uses and NMDOT

Griehl's
Cafe
CAN FOOD

CAR WASH

Express

EXPRESS WASH
10 min
\$10.00
CLASSIC WASH
20 min
\$15.00

EXPRESS WASH
10 min
\$10.00
CLASSIC WASH
20 min
\$15.00











An El Paso Water Utilities employee spreads recycled gypsum at the Saipan Basin stormwater retention pond. The gypsum conditions the clay under the pond to improve water percolation and drainage so that there is less of the standing water mosquitoes need for breeding.

Regulators have no idea what C&D is!

Violation is putting mulch on the ground?

Reality



Planks on ground



Mulch on ground



Static Piles



Bagged
"covered" mulch

Track No: 543826 Compliance Due Date: 09/04/2014
30 TAC Chapter 328.4(b)(3)(B)

Alleged Violation:

Investigation: 1173358

Comment Date: 08/04/2014

Failure to cover materials to protect them from degradation, contamination or loss of value as a recyclable material. At the time of the investigation the wood planks, plastic bags, plastic bottles and wood mulch were uncovered and on the ground.

Recommended Corrective Action: The El Paso C&D shall stack wood planks stored outside. Plastic bags and plastic bottles shall be either disposed of or cover to protect the materials from further degradation. Wood mulch shall be placed in a windrow or static pile or any other protective measure approved by the El Paso Region Office and completed by the El Paso C&D. The facility shall provide documentation of the actions taken to provide protection to material.