Monterey Regional Waste Management District

**Materials Recovery Facility Improvement Project**

**SYSTEM COMPONENTS**

**A** Construction & Demolition Processing Line  
Designed to process 40 tons per hour and recycle up to 74% of material processed including: wood, metal, concrete, plastic, and dirt.

**B** Mixed Waste Processing Line  
Designed to process 40 tons per hour and recycle up to 64% of material processed from commercial sources including businesses and apartment buildings. Will recover glass, paper, cardboard, containers, metals, plastics, and organics.

**B** Single Stream Recyclables Processing Line  
Designed to process 30 tons per hour of mixed recyclables and will recycle up to 92% of material processed including paper, cardboard, plastic, containers, glass, and metal.

1. **Primary Screen**  
Separates cardboard from paper, containers and fines. Breaks and separates glass.

2. **Secondary Screens**  
Further separates material by size.

3. **Single Drum Separators**  
Air technology separates paper, plastics and other valuable commodities from contaminants.

4. **2D/3D Screens**  
Separates 2D (paper, plastic film) from 3D (containers).

5. **Optical Sorters**  
Optical technology separates plastics: PET, HDPE, Mixed Plastics.

6. **Magnets**  
Separates metals from other materials.

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