

## **Plastic Film Cooperative Recycling Initiative— Hospital Blue Wrap Film**

For discussion between California Integrated Waste Management Board staff and stakeholders in developing a detailed plan for hospital blue wrap film diversion projects.

### **Hospital Blue Wrap**

(Blue wrap = Polypropylene)

#### **Objectives:**

1. Re-establish collection programs for hospitals
  - a. Previous participating hospitals
  - b. New hospitals
2. Pave the way for dealing with other hospital waste management issues

#### **Metrics:**

1. Number and percentage of participating hospitals
2. Blue wrap generation by hospitals
  - a. Kaiser survey tool
3. Amount of film collected by hospital
  - a. Aggregate by region or jurisdiction (per bed?)
4. Number of hospitals by region or jurisdiction with a program

#### **Tasks & Deliverables:**

1. Identify number of hospitals to target
  - a. DHS & DTSC lists
    - i. Break down by region
  - b. Get quantity purchased by hospitals and region
  - c. Identify percentage of generation by hospitals (up to 18%? To 30%)
  - d. Identify demonstration sites to prove concept
2. Develop end uses for the recovered polypropylene film
  - a. Possible end users
    - i. Plastic Lumber? (Can they use Polypropylene?)
    - ii. Closed loop (film to film)
    - iii. Rigid packaging
    - iv. Export (What end market is available in Asia?)
    - v. Fibre
    - vi. Durable goods (crash cart)
  - b. Identify existing markets
    - i. Export
    - ii. Packaging

- iii. Durable
- iv. Fibre
- c. Develop CA markets
  - i. Work through RMDZ and CA processors
- 3. Promote collection with haulers, janitorial supply companies that can back haul
  - a. Provide information on amounts and locations
  - b. Provide information on end use markets
  - c. Demonstration projects need to be developed
- 4. Targeted Outreach and Education
  - a. Target audiences
  - b. Hospitals
  - c. Collectors
  - d. End Users
  - e. HOSPAA
- 5. Outreach actions
  - a. Articles
  - b. Annual meetings
  - c. Awards
  - d. Conference? (Better to go to a hospital event rather than try to get them to a board meeting)
  - e. Workshop (Hospitals)
  - f. Develop a web page
  - g. Include information in local jurisdiction "tool kit"
  - h. Use hospital listserv to promote program

**Stakeholders:**

- 1. Hospitals
  - a. Kaiser
  - b. Catholic Health Care West (Mercy)
  - c. Seton
  - d. UC Med Center
  - e. Healthy Hospital Network
  - f. Sutter
- 2. Local Jurisdictions & Other
  - a. San Mateo
  - b. Alameda Co. (Stop waste.org)
  - c. San Francisco
  - d. DTSC (Mercury Free)
  - e. DHS – medical waste
  - f. USEPA –through healthy hospital
  - g. HOSPAA.org
- 3. Haulers/Collectors
  - a. Marathon
  - b. Smurfit
  - c. Clean Source (janitorial supply back hauler)

4. Processor/End User
  - a. RKO
  - b. Composite Technologies
  - c. Super link (exporter/bay area)
  - d. CA broker and/or processor
  - e. Kimberly Clark (OEM)