

Innovative Recycling & Waste Management Programs An Airport's Perspective

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Recycling Stats

- Recycling program began in 1995
- BWI Thurgood Marshall recycled 4.75 percent in February 2004
- Intensified effort to improve recycling, especially in cardboard
- Calendar year 2009 – 29.02 percent
- Achieved 30 percent rate in Dec 2009 and Jan 2010

2010

Keys to Success

- **Partnership among key players at the Airport**
- **Continual training of employees**
- **MAA controls all waste and recyclables, making management easier**
- **Recycle a variety of materials**

Partnership

- **MAA**
- **BAA - Concessionaires**
- **Allied**
- **Air Carriers**
- **The Chimes (Janitorial Staff)**
- **Maryland Environmental Service**

Maryland Environmental Service Assistance to MAA

- **Analyze material in solid waste and recycling containers (twice month)**
- **Weekly inspection of compactor loads**
- **Recommendations on improvements to programs**
- **Discussion at monthly tenant meetings**
- **Meetings with tenants to involve them as partners**
- **Employee training (concessions, air carriers, janitorial)**
- **Monthly reports, including recycling rate**
- **Purchases of environmentally preferable products**

Products Recycled

- **Cardboard and Other Mixed Paper**
- **Aluminum, Glass and Plastic**
- **Scrap metal**
- **Tires**
- **Fluorescent Bulbs and PCB Ballasts**
- **Pallets**
- **Grease**
- **Yard Debris**
- **Oil and Antifreeze**
- **Household Batteries**
- **Food Bank & Food Composting (future)**

2010

BWI Marshall

- **Maryland Aviation Administration has 33 front end containers on the airfield and cargo ramp for corrugated, plastic and aluminum**
- **MAA has 80 recycling containers inside the terminal for passengers**



Single Stream Recycling

- **BWI Thurgood Marshall Airport now has single stream recycling**
- **All paper, bottles and cans can be placed in the same container**



Challenges



2010



2010

Savings

- **BWI Marshall is saving approximately \$15,000 per month**
- **Reduced landfill costs**
- **Full compactors**
- **Less compactor maintenance**
- **Revenue from materials**

Awards

**Program was Honored
by
Maryland Recyclers Coalition
&
National Recycling Coalition**

2010

Media

- **CNN**
- **Baltimore Sun**
- **Washington Times**
- **Baltimore and Washington Examiners**

Assistance to Airports

BWI Marshall has provided information on the program to the following airports:

- Atlanta
- Boston
- Cleveland
- Indianapolis
- Las Vegas
- Oklahoma City
- Philadelphia
- Washington (Reagan National and Dulles)

2010

Lessons Learned

- **Establish partnerships**
- **Monitor and inspect your solid waste and recycling systems**
- **Recycle a variety of materials**
- **Simplify your program - A single hauler makes program management easier**
- **The Training Never Ends!**

For More Information

**For more information on the recycling program at
BWI Thurgood Marshall Airport, contact:**

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