

SUSTAINABILITY AT THE AIRPORT



BACKGROUND

Recycling is one of America's greatest environmental success stories. The Wichita Airport Authority (WAA) and its tenant partners are proud to be a part of this important sustainability initiative, and make a significant contribution to the growth in recyclable recoveries in the state of Kansas.

In 2007 the WAA recognized the importance of enhancing its recycling program, and in May 2008, the first recycling of paper products began, then other recyclable materials such as aluminum, corrugated cardboard, plastic, tires, waste oils, batteries and asphalt. Goals were set towards training, education and establishing partnerships in this initiative. Throughout 2008 and 2009, meetings were held to introduce the goals of the initiative to tenants of ICT. From this coordination and partnership effort the "Green Team" was born. The Green Team is a coalition of airport tenants whose goal is to implement a campus sustainability program. The Green Team now consists of the WAA and 29 airport tenants.

Green Team members were trained on techniques to reduce, reuse and recycle. These Green Team efforts have consistently increased our recycled material volumes over previous reporting periods since the program's inception, and ICT is on its way to becoming one of the most eco-friendly airports in the region!

The Green Team has been recognized as one of the most highly successful local sustainability programs by the Wichita Visioneering Environmental Sustainability Alliance. It is with great pride that we recognize and compliment our Airport employees and tenant members of the Green Team for their on-going commitment to environmental sustainability programs.

AWARDS



Recipient of 2013
Airports Going Green
Award



Recipient of 2011
Regional Clean Air and
Sustainability Award

RECYCLE TRACKER REPORT

Total Recycled Material Collected in:

- 2008 26.18 tons
- 2009 65.01 tons
- 2010 241.6 tons
- 2011 150.2 tons
- 2012 212.3 tons
- 2013 4,761,116 tons*

**2013 tonnage is due to recycled materials from the parking garage and new terminal projects*

TOTAL TONS COLLECTED SINCE INCEPTION OF PROGRAM



Clothes:
0.855



Paper &
Newspaper:
411.6



Plastic:
8.59



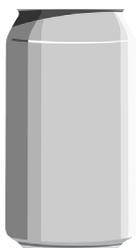
Corrugated
Cardboard:
175.1



Tires, Oil,
Batteries &
Asphalt:
2,728



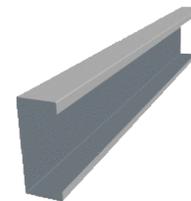
Wood &
Wood
Chips:
52.93



Aluminum:
0.731



Cooking Oil:
7.48



Scrap
Metal:
14.45



Concrete:
25,057



Topsoil:
4,758,320



Asphalt:
2,532

TOTAL ENVIRONMENTAL SAVINGS SINCE INCEPTION OF PROGRAM

PAPER RECYCLING

Trees: 21,749,800

Cubic Yards of Landfill: 2,953

Kilowatt Hours of Energy: 2,632,200

Gallons of Water: 4,490,000

PLASTIC RECYCLING

Barrels of Oil: 6,919

Gallons of Gasoline: 424,000

MOTOR OIL RECYCLING

Used Motor Oil: 2,400,000,000 gallons of water protected from pollution

ENVIRONMENTAL SAVINGS FACTS

- Americans use 85,000,000 tons of paper a year; about 680 pounds per person. If every American recycled just one-tenth of their newspapers, we would save about 25,000,000 trees a year. Source: recycling-revolution.com
- Americans use 2.5 bottles every hour, but only approximately 27% of plastic bottles are recycled in the U.S. Plastic garbage thrown into the ocean kills as many as 1,000,000 sea creatures a year! Ever heard of the Great Pacific Garbage Patch? It's twice the size of Texas and is floating somewhere between San Francisco and Hawaii. It's also 80% plastic, and weighs in at 3.5 million tons. Source: mrcpolymers.com
- Recycling the motor oil from one oil change protects 1 million gallons of drinking water (a year's supply for 50 people) from surface water pollution by improper disposal. Source: emissiontestwa.com

Is it all really worth it?

Clothes: 1,710

Paper: 605,050

Plastic: 15,340

Corrugated Cardboard: 306,800

Newspaper/Magazines: 126,000

Tires/Batteries/Oil/Asphalt: 450,000

Branches/Trees/Pruning/Plants: 12,300

Cooking oil: 11,250

TOTAL COLLECTION: 1,528,450 pounds
(764.2 tons)

ECONOMIC VALUE: \$83,635.08*

*Based on per-ton value as stated in Missouri Dept. of Natural Resources 2006-2007 Waste Composition Study (MMDP Recycling Industry Analysis). This represents direct or indirect benefits from the recycling industry accounting for total jobs produced, payroll, gross receipts, plus state and local taxes (MMDP Recycling Industry Analysis). From an economic perspective, recycling is not an end goal, but the first step in a chain that feeds into larger, more profitable components of the industry. As much as it is true that a municipality can save money on landfill fees by diverting waste into the recycling stream, the real economic benefits come from jobs created by rendering those materials into products of greater value. Recycling and reuse are inherently value-adding, whereas disposal is not, and value-adding processes support jobs and economic activity (www.nerc.org/documents/appendix-e.pdf).

GREEN TEAM MEMBERS

Formed in 2009, the Green Team are Airport partners working together to reduce the environmental impact and contribute to the betterment of our community. It is with great pride that we recognize and compliment our Airport employees and tenant members of the Green Team for their on-going commitment to environmental sustainability programs.



Want to learn more or get involved with our Green Team? Contact our Green Team leader.

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