# CREATING A GREEN TEAM: One Hospital's Approach

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#### **Green Team**

- T. C. F. K. A. the Haz Mat Committee
- Representation from several departmentsmeets quarterly- subcommittee of EOC
- Review of Hazardous Materials
- Future initiatives
  - Plastics recycling
  - Green cleaning
  - Green building

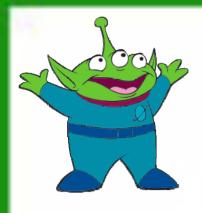




### **Agenda**

- Meetings are scheduled at least quarterly or as needed
- Review of recycling rates- tracking percentages
  - Solid waste
  - Medical waste
  - Recycled materials (mixed paper, bottles and cans, etc...)
  - Universal waste (batteries, ballasts, electronics, bulbs)
  - RCRA waste (Pharmaceuticals)
  - Grease
- Hazardous materials review
  - Chemical monitoring
- Environmental Initiatives, waste minimization





## **CCMC Green Team**

- EMT representative
- Environmental, Health & Safety Officer- Chair
- Nursing- frontline, generators of waste
- Facilities-building, electrical
- EVS- cleaning, waste management, recycling
- Pharmacy- RCRA drugs
- Other interested parties



## Environmental Management

- Required by law.
- Going above and beyond compliance.
- CCMC's efforts have been recognized nationally.
  - 2007 Partners for Change Award
- CCMC strives to be a national leader in environmental management.
- · A number of hospitals are being recognized.



# Hospitals for a Healthy Environment

OSPITALS

for a

HEALTHY
ENVIRONMENT\*

- H2E = Hospitals for a Healthy Environment.
- Joint project between (MOU)
  - USEPA
  - American Hospital Association
  - American Nursing Association
  - Healthcare Without Harm



## **CCMC** Recycling Program

- Universal waste
- Paper
- Bottles and Cans
- Specialized Medical Equipment





## **CCMC** Recycling

- Universal waste
  - Batteries- 988 lbs.
  - Bulbs- 1382 lbs.
  - Electronics- 7026 lbs.
- Cooking Grease- 3325 lbs.
- Total Recycling rate of 24%



# **CCMC** Recycling

- Paper
  - Cardboard- 24000 lbs.
  - Confidential- 153,350 lbs.
  - Mixed paper- New in 2007



#### Cost Benefits

- Regular recycling
  - Cardboard dumpster
  - Confidential paper
  - 14% overall recycling rate



- Mixed paper- one dumpster
  - 36 tons / year recycled
  - Savings of \$3200 /year

22% overall recycling rate

### Other Benefits

- More cardboard is getting recycled
- Before one FTE was dedicated to folding boxes
- Construction dumpster is filled and emptied less often- 2-day cycle to 10-day cycle

# **CCMC** Recycling

- Specialized medical equipment
  - 2006 disposed of 20 tons of medical equipment:
    - C-Arms
    - Multiple X-Ray viewers
    - Stretchers
    - IV Poles
    - Ultrasound machines
    - X-Ray developing equipment



#### **Cost Benefits**

- Regular Disposal in Dumpster
  - Labor
  - Transit
  - Disposal
- Total > \$8500

- Recycled through IRN
  - Labor included
  - Transit arranged
  - Many materials go to the greater good
- Total = \$7679



#### The Greater Good

- Our materials helped out several programs that place used equipment in hospitals and clinics in impoverished areas
  - The majority of items went to a clinic/hospital program in Haiti



## **Energy Savings**



- Light sensors
- Saves 980kW per year
- Cost savings of \$84,000 annually
- Payback is 1.3 years
- Project completed with grant from CL&P and loan from CHA



## CT H2E- CHER

- State (DEP) recognition
- National recognition
- Compliance with regulations
- Environmental leadership

