



### Environmentally Friendly Cleaning Products

- MCE offers a complete line of CorrectPac® cleaning products. These concentrated, pre-measured cleaning products minimize the adverse effects of chemicals on the environment. The sustainability of these products helps to protect the planet which leads to prosperous communities and strong economies.

CorrectPac's® pH Neutral formulation is an effective, hospital grade, EPA registered quaternary disinfectant cleaner with broad spectrum bactericidal, virucidal, fungicidal and blood borne pathogen compliance including Hepatitis B (HBV), Hepatitis C (HCV), Influenza A (H1N1), Avian Influenza, HIV, MRSA, & VRE.

### GREENGUARD

- MCE is a certified manufacturer of the GREENGUARD Certification program. Many of our products have been rigorously tested and GREENGUARD Indoor Air Quality Certified. Customers can use MCE's GREENGUARD Certification to meet their LEED requirements.

This certification program was formed to rate the chemical emissions performance of low emitting products for interior environments.



One of the many GREENGUARD certified products offered by MCE

### Maryland Green Purchasing Committee

- MCE is represented on the Green Purchasing Committee lead by DGS and legislatively mandated to develop policy and document the State's green purchasing initiatives, recommendations and benefits.

### Recycled Content Reporting

- All State Agencies have been tasked with reporting the recycled content in purchases. MCE makes that easier by earmarking product lines with "Buy Green Maryland" logo and listing the recycled content in specific products and product lines on our website.



### Solar Panels/Hot Water

MCE is currently investigating the possibility of inmate manufactured rooftop solar panels.



# Green Initiatives



Tree planting along the Montgomery County ICC

### Tree Planting FY2009-FY2012

- Total - 99,895 bare root seedling trees
  - 49 Evergreens
  - 46 Wye Oaks
- Inmates Employed: 16 each planting*



Planting at Coaches Island

### Bay Grasses FY2009-FY2012

- Total - 136,940 Bay Grasses
- Inmates Employed: 10 each planting*



Oyster cage manufacturing and assembly

### Oyster Cages for Chesapeake Bay Restoration

- 2009 - 5,008 cages
- 2010 - 4,614 cages
- Inmates Employed: 10 - 12*



### Agriculture - Crops sold to Institutions and Non-Profit Organizations

- Up to 45 acres of field crops annually
- Apple orchard - 4.5 acres of Red Delicious and Gala Apples (FY'98)
- Inmates Employed: 16*



Zucchini and apples grown and harvested at MCI-H in Hagerstown



### Surplus Removal/Disposal

- Protection of natural resources by recycling unwanted furniture that would end up in the landfill
- Recycle old license plates both aluminum and steel
- Utilization of recycled aluminum for all new license plate production



License plate recycling at JCI

### Recycling

At our recycling plant in Hagerstown we average 18 - 22 loads of recycled goods per month. We get paid by the pound and each bale varies in weight and size due to the content so the below lbs. are just an average. We are also working with facilities throughout Maryland collecting all of their recycled goods.



Recycling at MCI-H in Hagerstown

- Load of aluminum cans which equals about 200 - 220 lbs.
- Plastic Bale - clear plastic wrap 500 lbs.
- Paper Bale - this is shredded paper average 500 lbs.
- Cardboard Bales 500 lbs.
- Wood Pallets
- Boxes of Paper - Paper that isn't shredded 500 lbs.
- Steel Can Dumpsters - #2 type Cans dumpster loads average 5,000 lbs.
- Scrap Metal Dumpsters average 7,500 lbs.



Furniture Restoration at ECI

### Manufacturing and Production Initiatives

- Furniture Restoration FY'90 - Present. Refurbish of time worn furniture instead of purchasing new  
*Inmates Employed: 125*
- Use of recycled fabrics and materials
- Use of soy and water based ink and low toxicity chemicals in print processing
- Use of water based glues and stains
- Use of recycled paper with varying amounts of post-consumer content

### Laundry Services

Using the latest in environment friendly energy-saving equipment, allows us to save valuable resources while ensuring timely service. We have the capacity to launder 6 million pounds annually, with the capabilities for future growth.

#### Items we typically launder:

- Sheets and Pillow Cases
- Blankets and Bedspreads
- Towels and Wash Cloths
- Patient Gowns
- Lab Coats and Smocks
- Scrubs and Uniforms
- Table and Kitchen Linens
- Draperies and Curtains
- Other Items Available Upon Request



Laundry at CMCF in Sykesville



### Toner Remanufacturing

Every year, more than 300 million plastic printer cartridges end up in landfills in the United States and around the world - almost eight cartridges are thrown away in the United States every second, industry sources say. We anticipate saving the State of Maryland millions of dollars by remanufacturing their old printer cartridges. The Toner Remanufacturing initiative will open at MCTC in FY'13 and initially employ 15 inmates.