

## Summary of EMS Accomplishments at COL 2006-2008

- Initiated Online MSDS Chemical Inventory
- Initiated CCEHBR-Wide BPA For Waste Management; Recycled 100% of Hazardous Waste
- Installation of Geothermal Heating/Cooling System
- Installation of New Energy Efficient Propane Boiler As A Backup Heat Source In Place of Old Oil-Fired Unit
- Library Renovation – Installation Of Cork Flooring
- Facility Renovation
  - Installation Of Semi-PerVIOUS Parking Lot
  - Repainted Facility With Low VOC Environmentally Friendly Paint
- Initiated Automatic Double-Sided Printing
- Began Use Of Waterless Hand Sanitizer Available In Some Areas
- Ceased Use Of Antibacterial Soaps In Some Areas
- Initiated Recycling Efforts (Metal, Plastic, Paper, Glass, Cardboard, Batteries) With Annual Improvements
- Emphasized Turning Lights Off When Not Needed
- Continual Improvement Of EMS Communication By Conducting Regular Lab-Wide “Walk-Arounds” And EMS Training
- Removal And Disposal Of Dilapidated Structures (E.G. Beach House, Old Tank Farm); Materials Recycled As Appropriate
- Created Mercury-Free Facility By Removing Mercury-Containing Devices And Procedures (Substituted Green-Tipped Fluorescent Light Tubes, Mercury Thermometers, Chemical Substitution In Mercury Containing Fixatives Such As Helly’s)
- Implemented The Use of Environmental Friendly Cleaners
- Increased Biking And Carpooling By Employees
- Conversion To Four Stroke/Low Emission Outboard Engines
- Repowered R/V Laidly With More Efficient/Low Emission EPA Certified Tier II Engines
- Biofluid Conversion In R/V Laidly Hydraulic System
- Tinting Of Windows On R/V Laidly
- Oil Water Separator In Bilge And Compartment On R/V Laidly
- Oil Absorbent Pads Used In Bilge of R/V Laidly To Reduce Chance Of Pollution.
- Oil Boom Use When Fueling R/V Laidly
- Purchase And Use of Electric Lawn Mower
- Use of Reusable Coffee Mugs Instead of Disposable Ones
- Initiated Adopt-A-Highway Program For COL
- Consideration And Implementation (Where Possible) of Chemical Substitutions (Cyber Green For Ethidium Bromide, Z-Fix For Mercury Fixatives)
- Installed Energy Savings Awning On Bldg. #2 (To Shade Blue Trailer)
- Installed New Door Seals On Exterior Doors of Main Lab Bldg.

- Purchase of all IT products meet Electronic Product Environmental Assessment Tool's (EPEAT) Gold and Silver and/or Energy Star environmental performance ratings
- EMS Statement Has Been Added To All Employee Performance Plans
- EMS Statement Is Being Added To All Operating Procedures