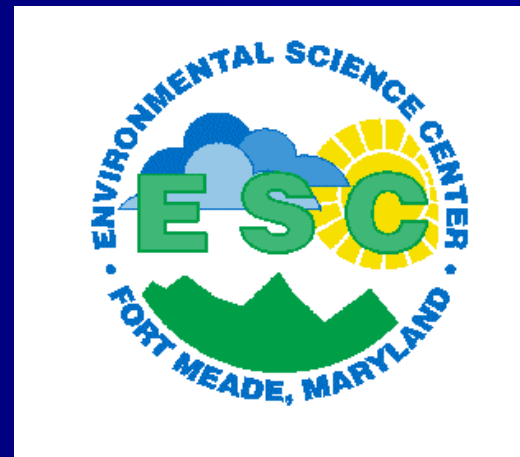


EMS Management Review

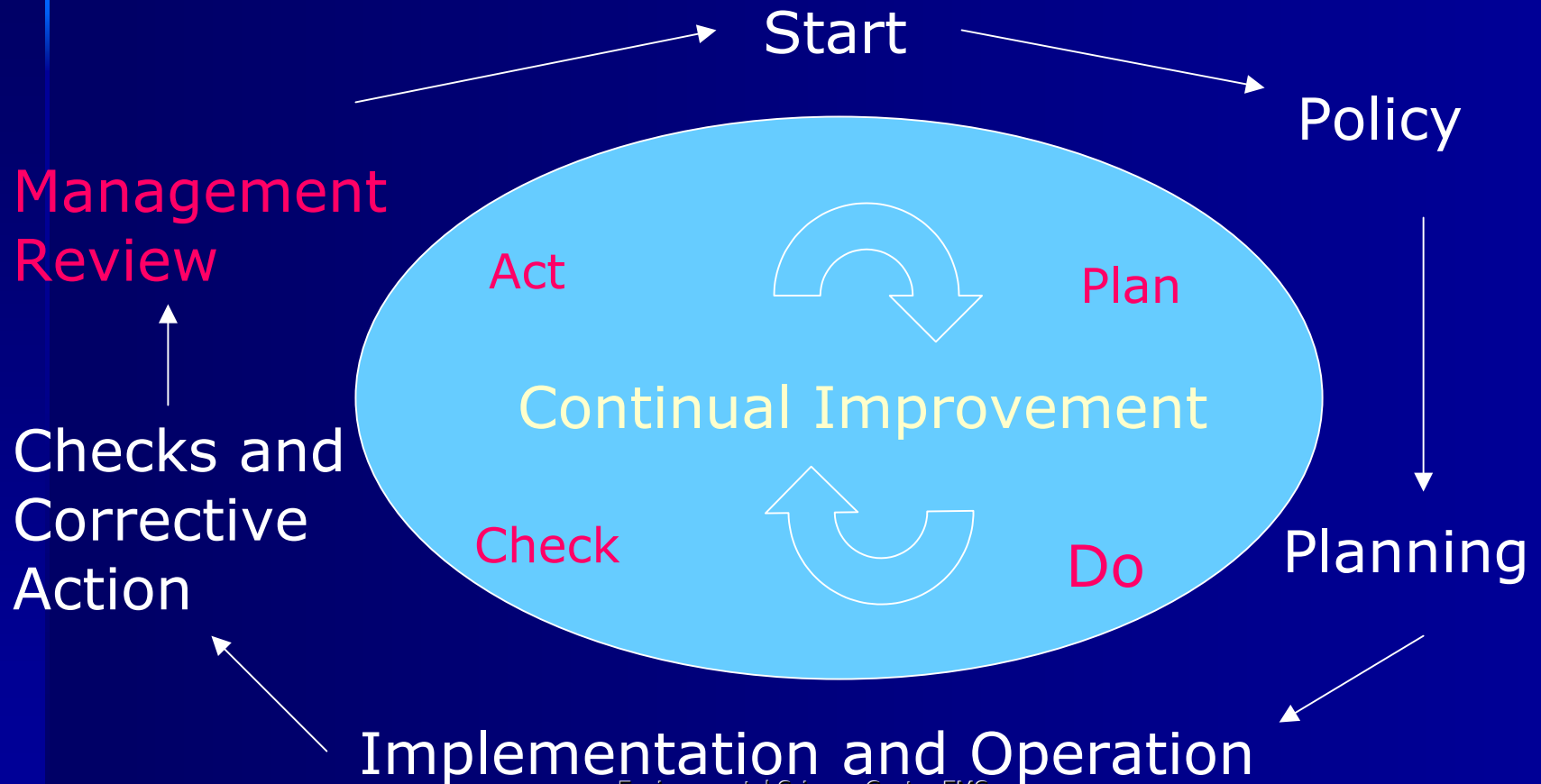
Environmental Science Center
Board Meeting

July 10, 2002



EMS Progress

A Complete P-D-C-A Cycle



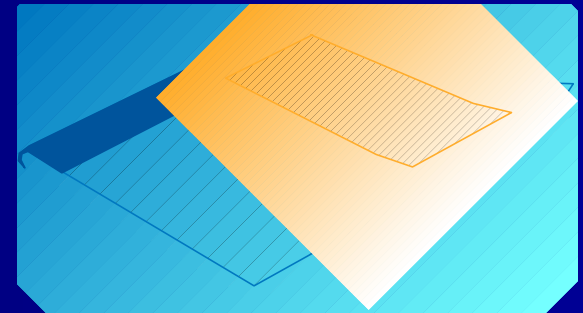
EMS Policy

- Issued as final during Awareness I Training September '00
- Reviewed by EMS Team Feb. '02
- Edited and reissued during Awareness II Training March '02
- ESC Policy includes commitments made in HQ EMS Policy



EMS Manual

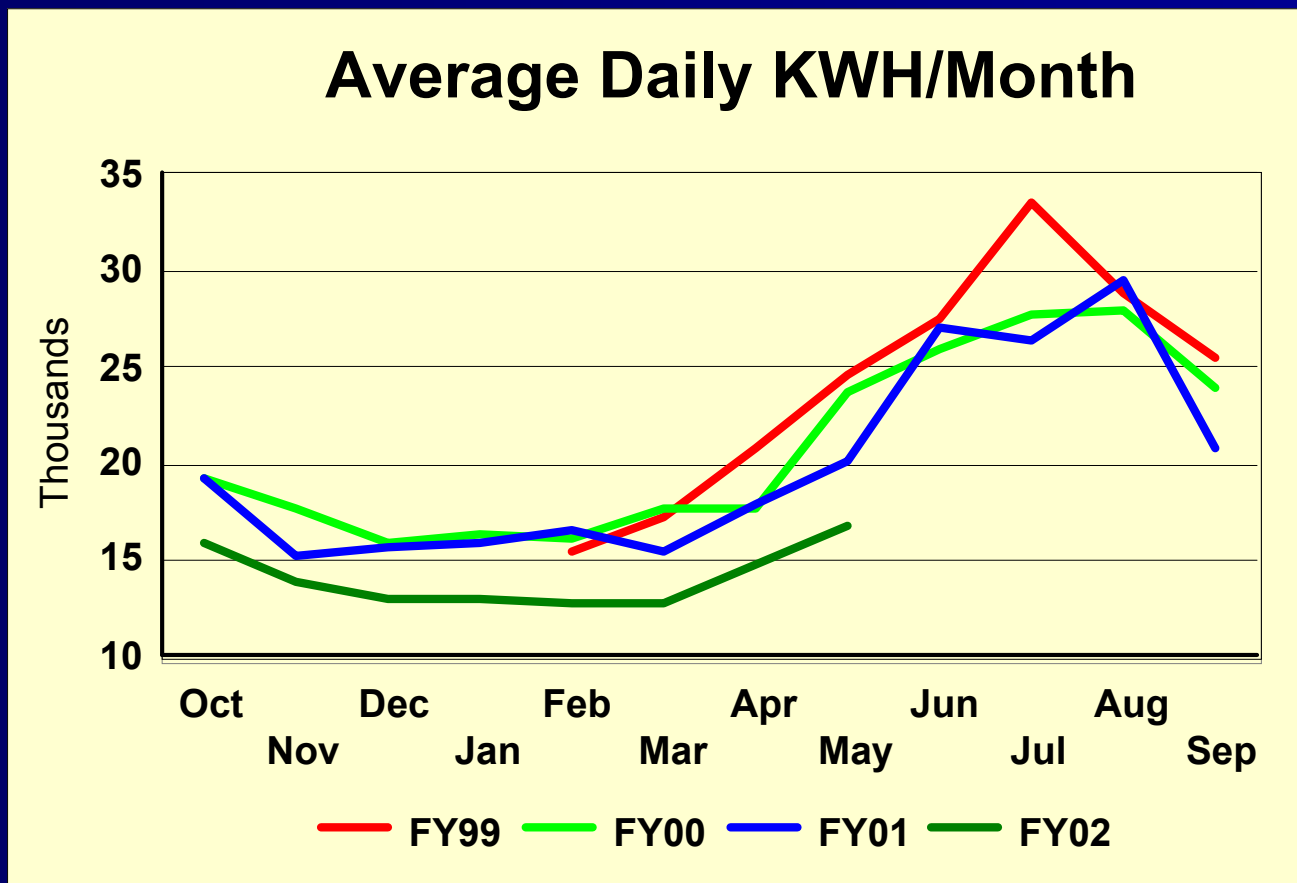
- First version issued June '02 ESC EM-01
- File created to capture ideas for improvements for next revision of the EMS Manual



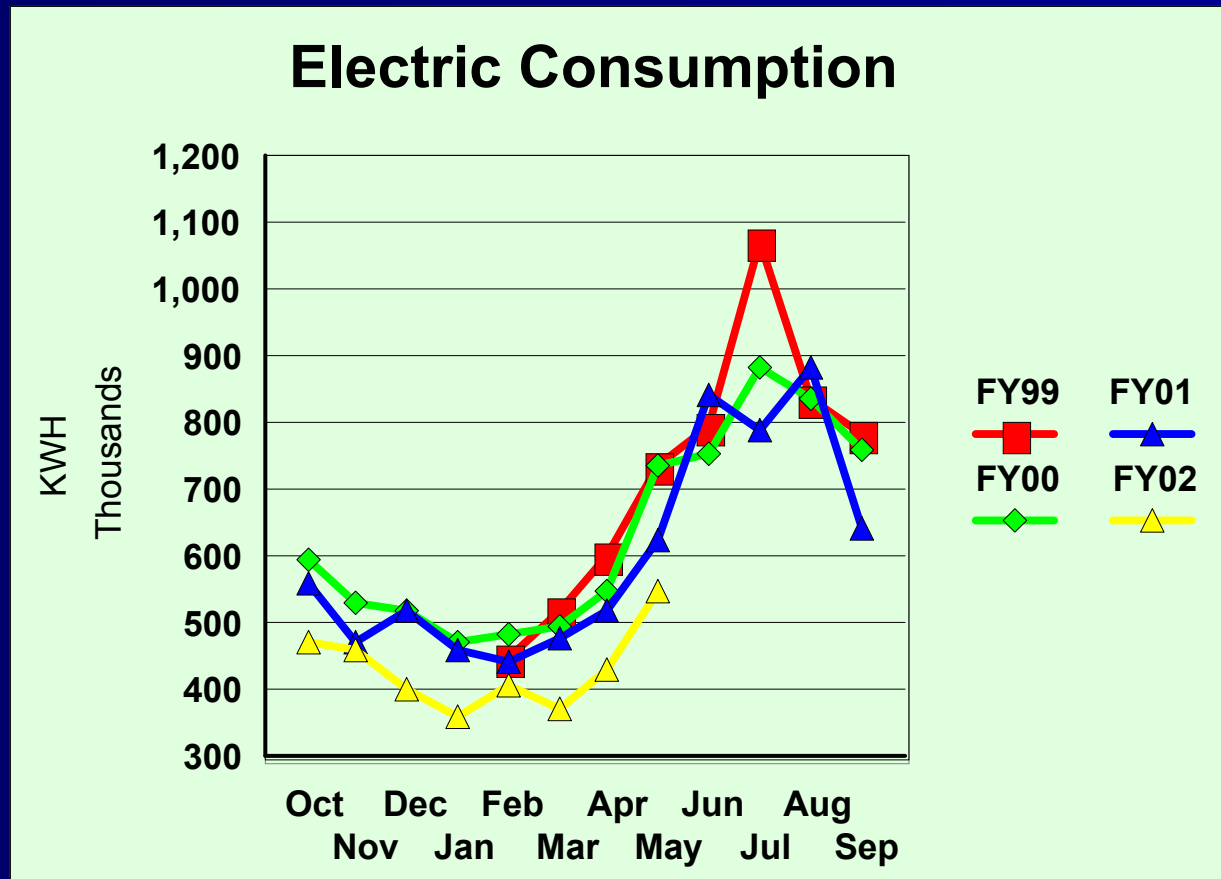
EMS Significant Aspects

- Air Emissions
- Chemical Resources
- Storm Water Discharge
- Electricity Consumption
- Fuel Consumption
- Paper Consumption
- Radiation
- Fuel, Vehicle Exhaust Emissions
- Waste Generation
- Waste Water Discharge
- Water Consumption

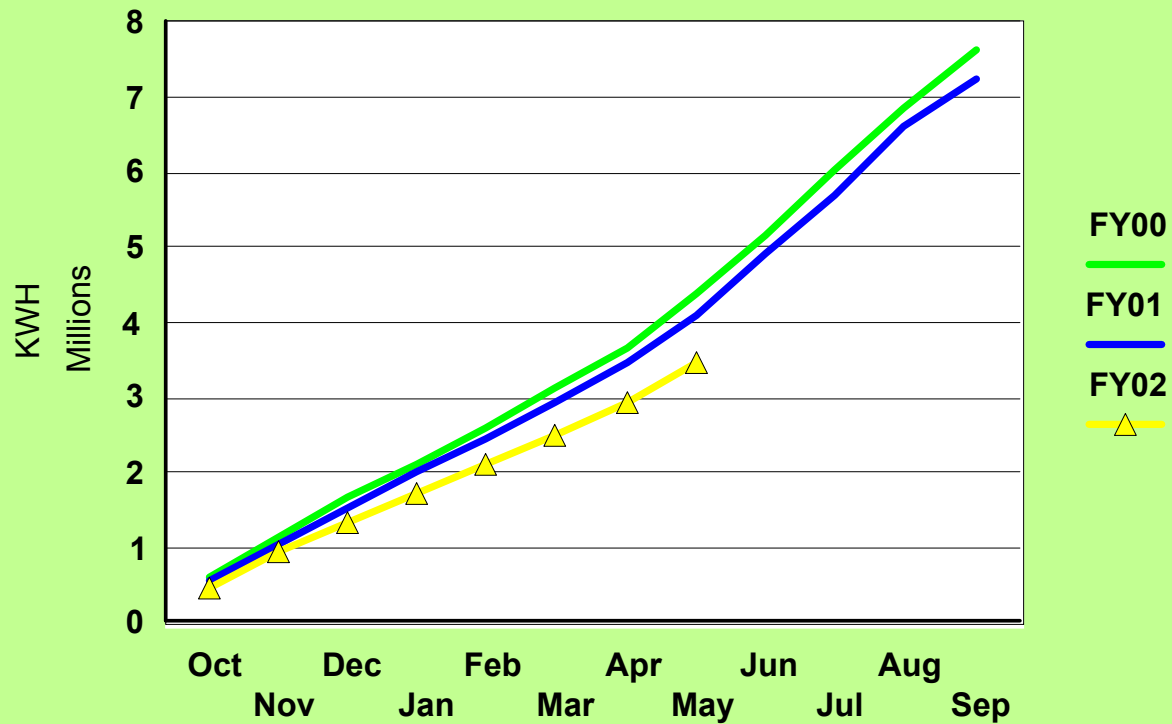
Environmental Performance Electricity



Environmental Performance Electricity



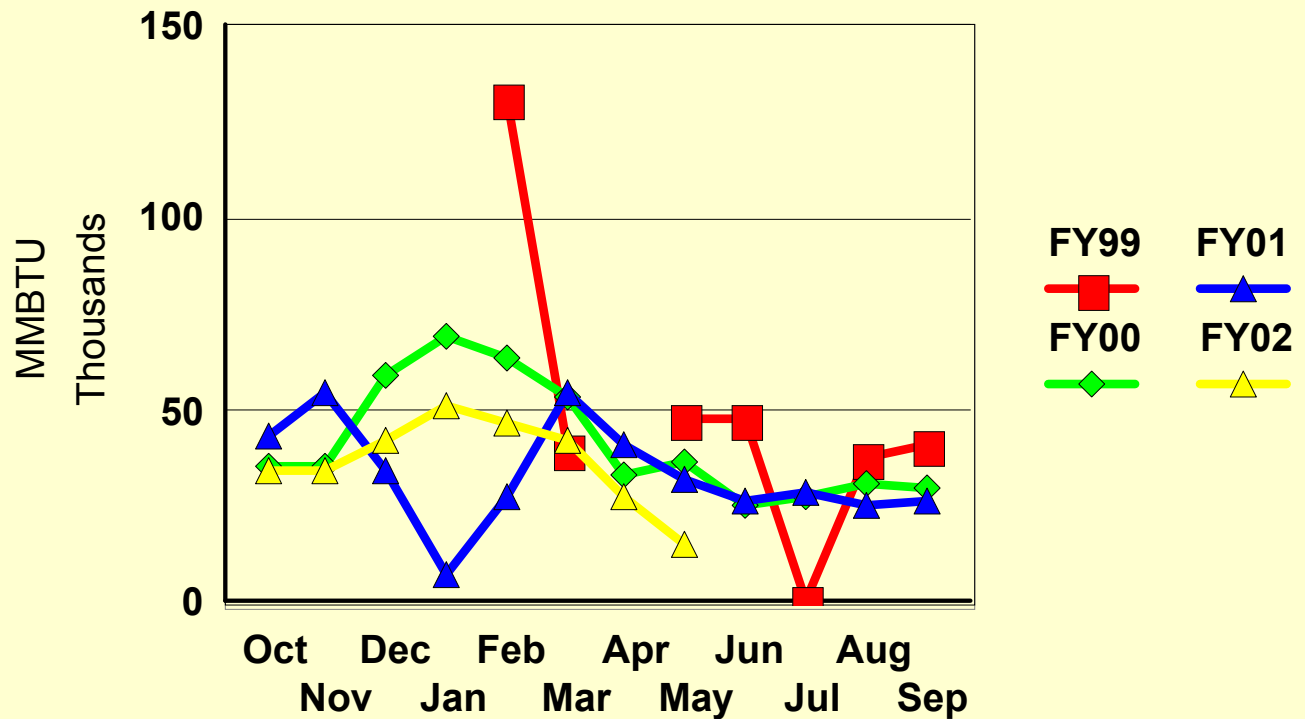
Environmental Performance Electricity



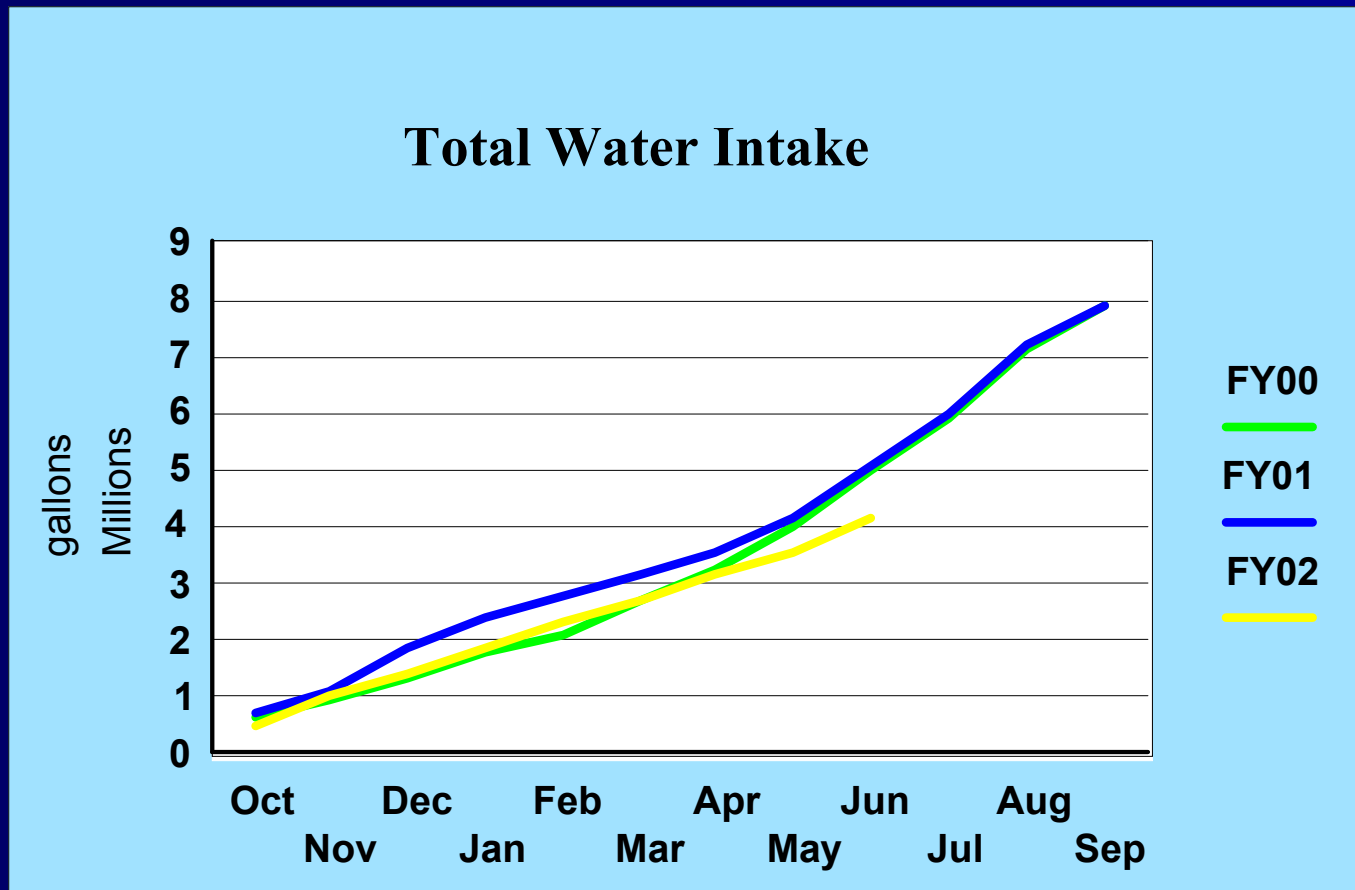
Environmental Performance

Natural Gas

ESC Gas Consumption



Environmental Performance Water



EMS Objectives and Targets

- Targets are combination of existing programs and new initiatives
- One new initiative underway - Paper Consumption Workgroup
- Other new initiatives to be launched over the next three quarters



Regulatory Compliance Status

- Formal audit May 2001
- Two priority "C" findings
- List of legal requirements developed for each significant aspect (includes executive orders)



EMS Resources



- EMS Coordinator - at least 50%
- Current EMS Team – 10% until registration
- New EMS Team – approximately six members, 10%
- New initiatives – various workgroups
- Registrar costs

EMS Return on Investment to Date

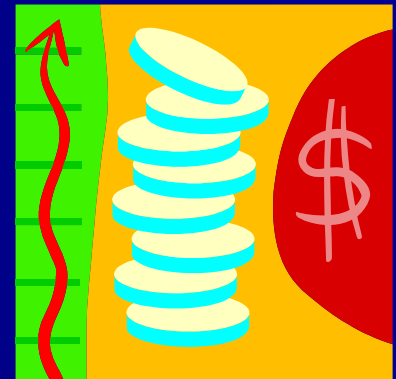
- Cross-facility cooperation and coordination
- Increase awareness of impacts
- Awareness of existing programs
- EMS framework demonstrates linkages of aspects
- Identified possible improvements to safety and health procedures

EMS Return on Investment to Date

- Expanded compliance focus to include EOs
- Connection to Ft. Meade
- Skill development – expertise and leadership in EMS implementation
- Desirable public relations inside and outside of EPA
- Assistance to other EPA facilities

EMS Future Return on Investment

- More complete transfer of techniques and lessons learned to other EPA facilities
- Conformance with EO 13148
- A showcase of federal environmental leadership
- Responsible behavior and sustained compliance
- Cost savings



ESC EMS – The Way It Won't Be



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