

OCS TEAM RESPONSIBLE FOR:
Materials Management

PROBLEMS COMMON TO THREE OR MORE OH SITES

- Equipment: disposal or reuse by transfer, sales, or barter
- Electronics: disposal or recycle
- Concrete: disposal or reuse on site or elsewhere
- Metals: disposal or reuse or recycle
- Calibration standards and sources: disposal or reuse

TECHNOLOGIES OR PRACTICES ALREADY USED IN OH

- All sites: property management transferring equipment to other government facilities, communities, charitable organizations, prisons
- Sites using know-how and services of Oak Ridge's Center for National Metals Recycle (NMR) for contaminated equipment and metals reuse:
 - MEMP glove boxes and HEPA filters transferred to WIPP
 - MEMP demonstrated & documented process to transfer contaminated equipment to a commercial company
 - FEMP clean hard drives sent to Electronics Recycle Center in Oak Ridge
 - MEMP sending used, clean electronics to Electronics Recycle Center
- MEMP crushing clean concrete in progress

REPORTED SAVINGS FROM USE OF TECHNOLOGY OR BEST PRACTICE

- General equipment reuse: reported \$ 1.3 M in sales during past 4 years; 38 transfers to Federal agencies in past year
- MEMP glove box transfer to WIPP: \$ ½ M savings for WIPP and disposal savings for MEMP
- MEMP contaminated equipment transfer (45 items) to commercial company in exchanged for bartered services: \$1.4 M savings estimated

CURRENT OH NEED OR OPPORTUNITY

- All sites -- seek reuse of operable equipment and recyclable materials prior to D&D; avoid disposal costs
- All sites -- both clean and potentially contaminated electronics will be available for recycle
- MEMP -- D&D of potentially contaminated concrete structures: to be crushed for backfill
- FEMP -- needs backfill for roadways in on-site LLW cells and other places. Use crushed concrete from buildings
- Most sites have sources (including liquid sources) that will require disposition in 1-3 years

RESOURCES CURRENTLY AVAILABLE WITHIN OH

- Existing property management organization at each site; also OH property management
- Experience and availability of National Metals Recycle Center in Oak Ridge
- Proven, written process by OH to transfer contaminated equipment to a commercial company
- Technical Experts from all Ohio Sites