

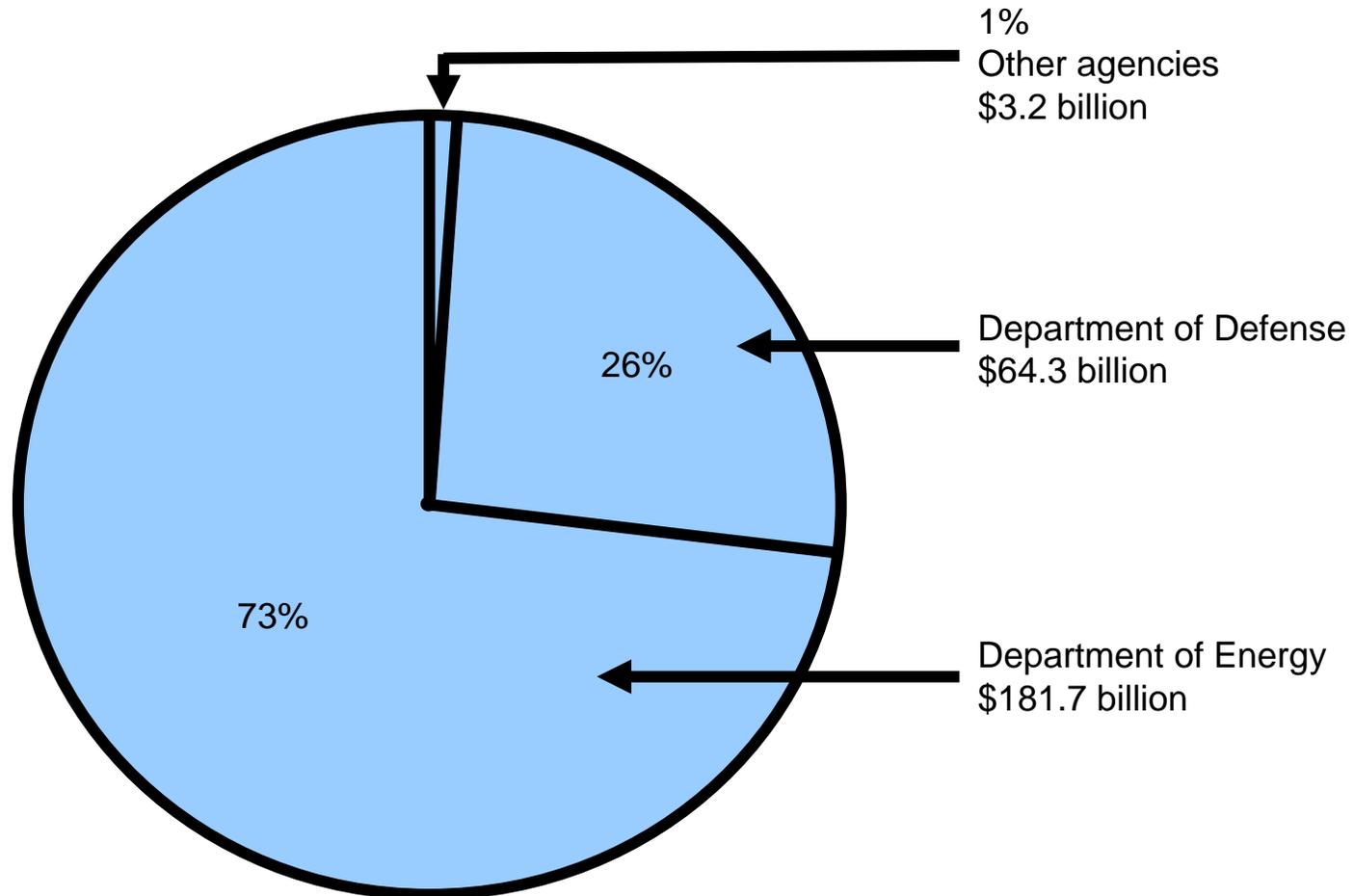
Environmental Remediation Services Program  
Workshop, June 12-14, 2006

Mr. Lawrence Bailey

Director

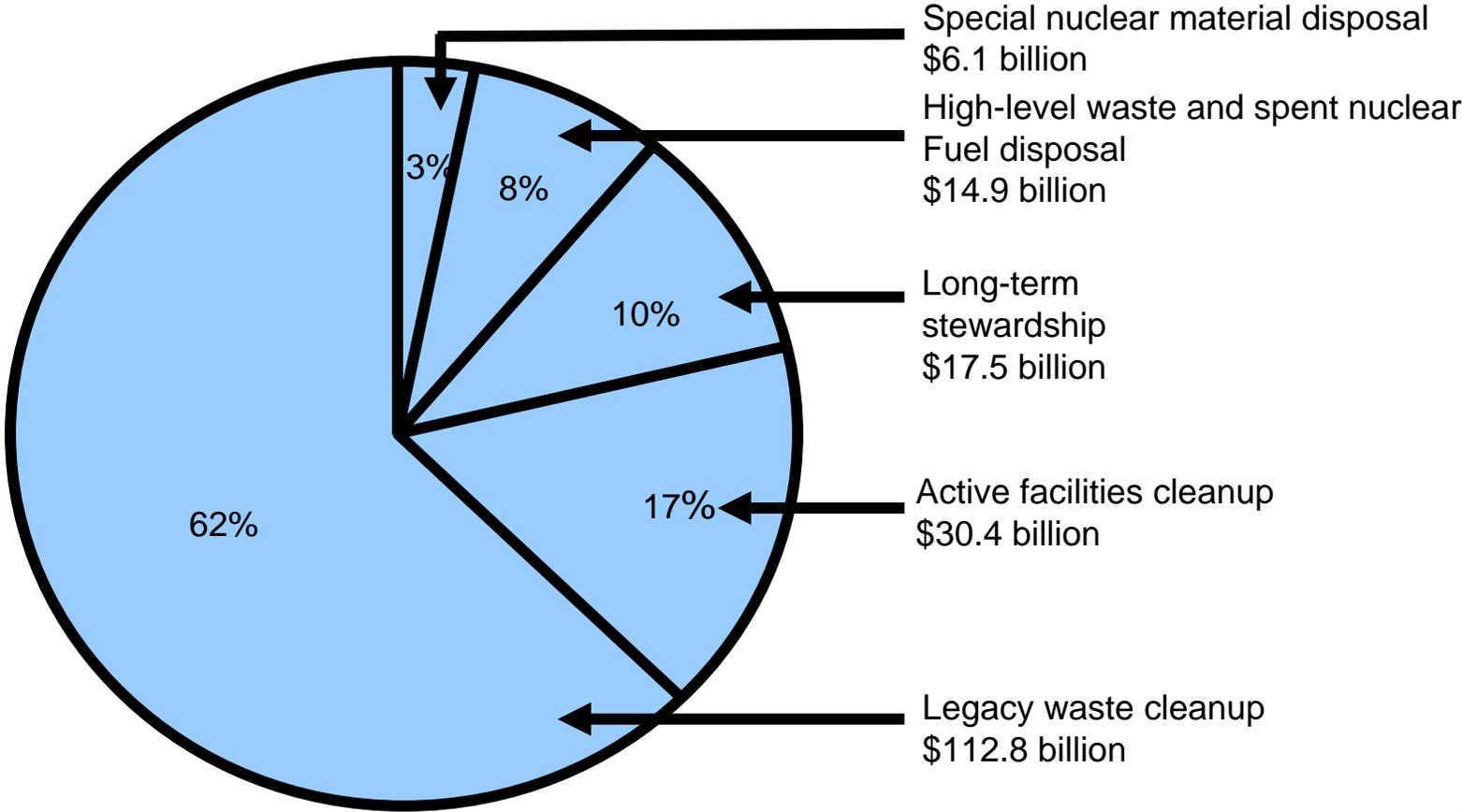
Office of Groundwater and Soil Remediation

# The Federal Government's Reported Fiscal Year 2004 Environmental Liabilities by Agency



Source: Energy's Fiscal Year 2004 Performance and Accountability Report and GAO

# Energy's Reported Fiscal Year 2004 Environmental Liabilities by Type

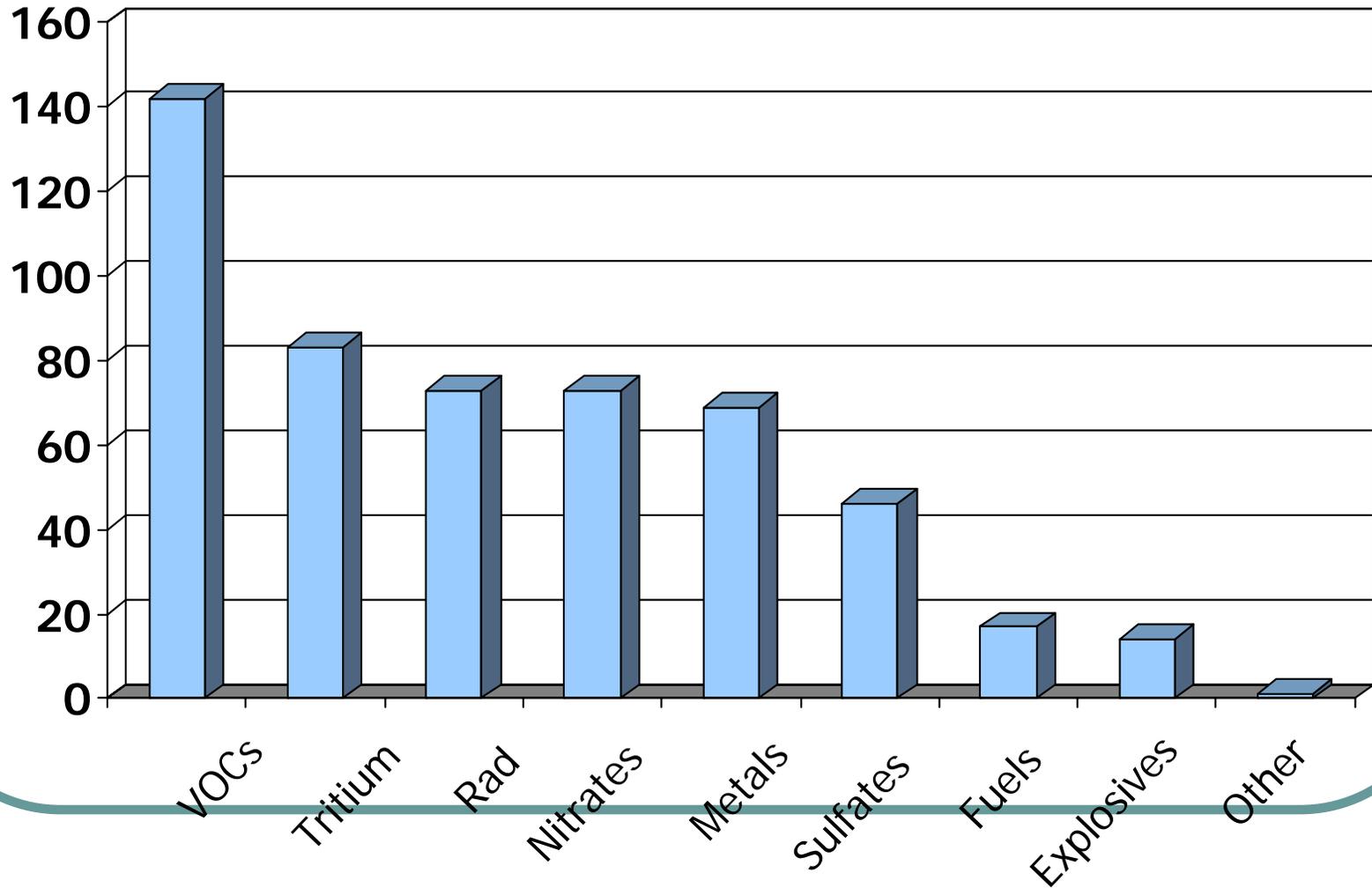


Source: Energy's Fiscal Year 2004 Performance and Accountability Report and GAO

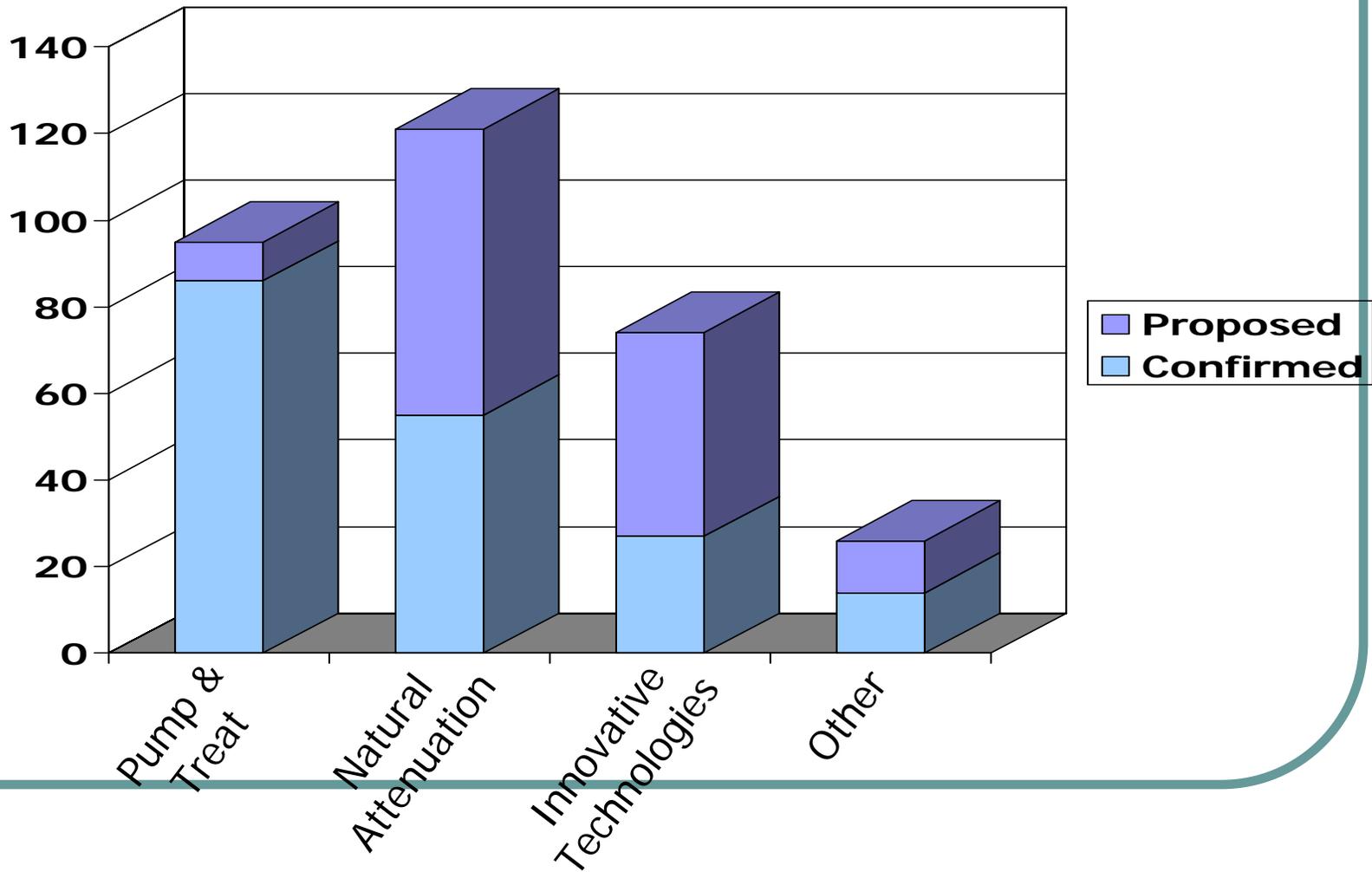
## DOE Groundwater Contamination

- TCE is the most common ground water contaminant encountered at DOE sites
- Groundwater contamination resulting from DOE operations is found in 22 states and 60 installations/sites
- At these 60 sites, over 200 distinct groundwater plumes have been identified

# Contaminant Plumes



# Remedial Approaches



## Program Challenges/Uncertainties

- Technesium-99, Strontium-90, Chrome, and Uranium
- Groundwater Models
- Contract Performance Measures
- Regulatory decisions and legal challenges
- Site characterization still to be completed and source term not fully identified

## Summary

EM Headquarters will take a very active approach to improve our complex-wide effectiveness in managing and implementing an integrated, well-defined, investment-focused, and results-oriented environmental remediation program