



Munitions Update and the Road to Technology Transfer

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Introduction and Overview

Acquisition, Technology and Logistics

- The Budget and its Impacts
- Scope of the DERP
- New DERP Goals
- DERP Progress
- Military Munitions Response Program (MMRP) – What's Next
- Technology Transfer Fundamentals
- Partnerships
- Next Steps
- Questions?



Active and Formerly Used Defense Sites (FUDS) Budget

Acquisition, Technology and Logistics

| | FY13 Request | Congressional Action | FY13 Request* | FY14 Request |
|-----------------|------------------|----------------------|------------------|------------------|
| Army | \$335.9 | \$ - | \$335.9 | \$298.9 |
| Navy | \$310.6 | \$ - | \$310.6 | \$316.1 |
| Air Force | \$529.3 | \$ - | \$529.3 | \$439.8 |
| Defense-wide | \$11.1 | \$ - | \$11.1 | \$10.7 |
| Subtotal | \$1,186.9 | \$ - | \$1,186.9 | \$1,065.5 |
| FUDS | \$237.5 | \$50.0 | \$287.5 | \$237.4 |
| Total | \$1,424.4 | \$50.0 | \$1,474.4 | \$1,302.9 |

*Modified to include the FUDS \$50M Congressional plus up



Base Realignment and Closure (BRAC) Budget

Acquisition, Technology and Logistics

| | FY13 Request | Congressional Action | FY13 Request* | FY14 Request |
|--------------|----------------|----------------------|---------------|----------------|
| Army | \$133.2 | \$163.2 | \$ 30.0 | \$129.8 |
| Navy | \$142.7 | \$172.7 | \$ 30.0 | \$130.1 |
| Air Force | \$115.1 | \$117.1 | \$2.0 | \$119.4 |
| Defense-wide | \$ - | \$- | \$ - | \$ - |
| Total | \$391.0 | \$453.0 | \$62.0 | \$379.3 |

*Modified to include FY13 Congressional actions



Budget Impacts

Acquisition, Technology and Logistics

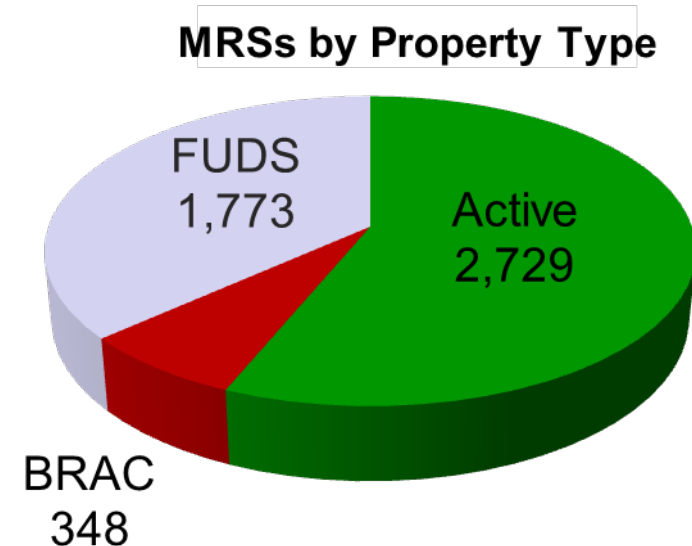
- Our challenge is to ensure that our spending leads to real risk reduction
- DoD Components are prioritizing cleanup activities to absorb the cuts
 - Will fund legal requirements (e.g., federal facility agreement and permit requirements), long-term management, and remedial action-operation
 - Will likely delay studies
- How will DoD meet this challenge?
 - Strong partnerships
 - Policy and guidance updates
 - Classification technology and other technology advancements



Scope of the DERP

Acquisition, Technology and Logistics

- There are almost 39,000 sites in the cleanup program, of which 4,850 are Munitions Response Sites (MRSs)
- The remaining cost-to-complete for the whole program is \$28 billion
 - MMRP is \$14 billion
 - FUDS is \$9.9 billion of the \$14 billion
 - IRP is \$14 billion





New DERP Goals

Acquisition, Technology and Logistics

- 95% of IRP and Building Demolition/ Debris Removal (BD/DR) sites at active and BRAC installations will achieve remedy in place (RIP) by the end of FY14
- 90% of IRP and BD/DR sites, and MRSs at active and BRAC installations, and IRP and BD/DR sites at FUDS properties will achieve RC by the end of FY18
- 95% of IRP sites, BD/DR sites and MRSs at active installations and BRAC installations, and IRP sites and BD/DR sites at FUDS properties will achieve RC by the end of FY21
- By the end of FY14, 95% of MRSs on active installations, BRAC installations, and FUDS properties will have either:
 - a numeric Munitions Response Site Prioritization Protocol score;
 - an alternative rating of “no longer required,” or
 - an alternative rating of “no known or suspected hazard”
- New Goals memo available on DENIX: <https://www.denix.osd.mil/>



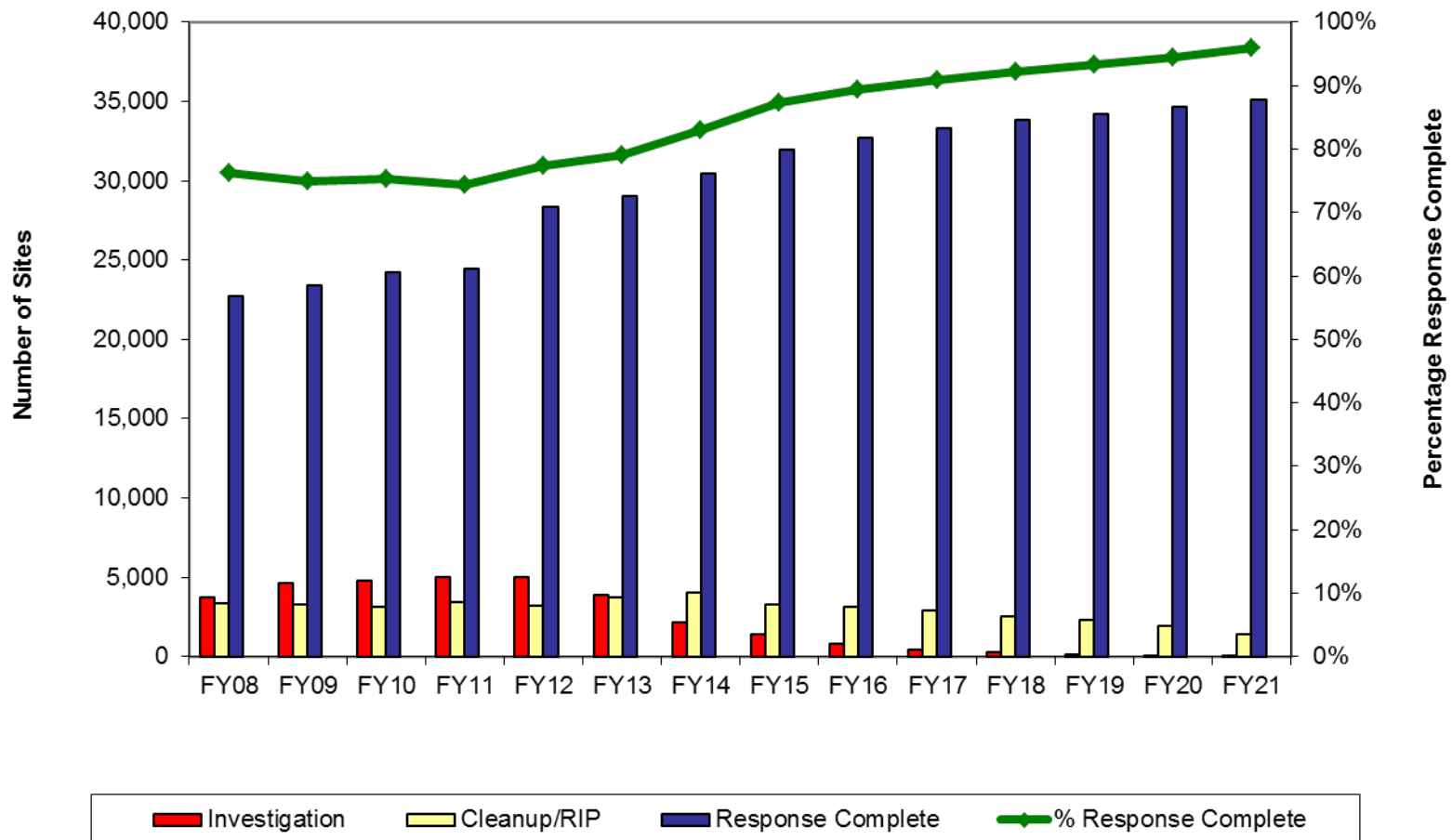
DERP Progress – Response Complete

Acquisition, Technology and Logistics

Goal: Achieve response complete at 90% and 95% of IRP sites, MRSs, and BD/DR sites at Active and BRAC installations, and IRP and BD/DR sites at FUDS properties, by the end of FY 2018 and FY 2021, respectively

FY08-FY12: Actual

FY13-FY21: Projection





MMRP – What's Next?

Acquisition, Technology and Logistics

- Transition classification technology to commercial use
 - Move beyond the demonstrations
- We are working closely with SERDP/ESTCP to develop a classification technology transition plan
 - Identify obstacles and address fundamental issues
 - Regulatory buy-in for classification
 - Contracts that are written to support classification
 - Facilitate implementation
 - Include classification in decision documents
 - Enable Remedial Project Managers, DoD, EPA, states, contractors, and the community to have confidence in the end result



Technology Transfer Fundamentals

Acquisition, Technology and Logistics

1. Educated workforce

- Build expertise and confidence in classification technology among stakeholders (e.g., DoD, U.S. Environmental Protection Agency [EPA], states, contractors)

2. Good data

- Agree on reliable sampling and testing data
- Uniform Federal Policy Quality Assurance Project Plan

3. Solid decision document decision document

- Agree with EPA and states on what fundamental information is needed to include classification in a decision document



Technology Transfer Fundamentals (cont.)

Acquisition, Technology and Logistics

4. Good Scope of Work (SOW) for a Request for Proposal (RFP)
 - The first three steps are for nothing if we don't have a good SOW
 - Ensure the right contracts are in place to enable use of classification

5. Document meeting the terms of the decision document
 - Clearly define upfront and have everyone fully understand and agree on the performance work statement
 - Avoid “bring me a rock” approach



Partnerships

Acquisition, Technology and Logistics

- DoD is committed to maintaining and enhancing our partnerships
- Munitions Response Dialogue (MRD)
 - Sponsoring EPA, federal land managers, and 10 states
 - First face-to-face meeting planned for June/July 2013
- Defense State Memorandum of Agreement Program
- FUDS Forum
- Association of State and Territorial Solid Waste Management Officials, Environmental Council of States, National Association of Ordnance Contractors
- Restoration Advisory Boards



Next Steps

Acquisition, Technology and Logistics

- Overcome challenges to cleaning up military munitions
 - Develop and execute the technology transition plan
 - Continue working with our partners
 - Good collaboration
- Let's work together to protect people, reduce the Department's liability, and save tax payer dollars



QUESTIONS?

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