

U.S. Army Joint Munitions Command

Low-Level Radioactive Waste Status Update



Topics

- Barnwell closure impact
- Workload trend
- Southwest Asia





Waste Streams



























Ready - Reliable - Lethal

INCLASSIFIED



Barnwell Closure

- Since closure Jun 08, DOD has disposed 5.6 ft3
- Impact to sealed sources not acceptable at EnergySolutions
 - Ni63 in chemical detectors (Army, Marine Corps)
 - Sr90 in IBIS (AF, Navy)
 - > Identified around 120,000 sources for disposal in inventory
- Options:
 - Return to manufacturer
 - > DOE
 - Variance to regional site
 - Waste Control Specialists
 - Outside US source recovery







Workload Trends

- Funding decreasing
- Base closure clean ups winding down
- Going to non-rad devices





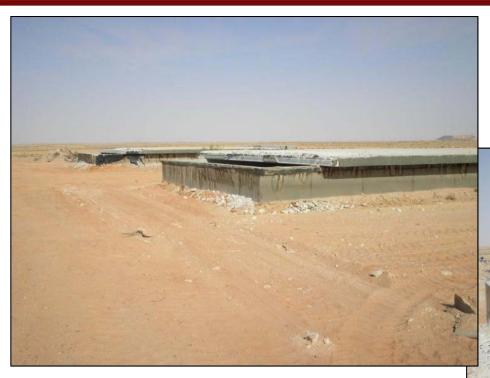
SWA Theater

- Changing requirements with drawdown
 - Less commodities
 - More environmental related release of facilities
- Legacy from first Gulf War
 - Retrograde of buried
 - > Depleted uranium penetrator fragments
 - DU contaminated soils





Storage Vaults



Two concrete vaults with concrete lids

Vehicles and debris in one Soils in the other





Vault 1 - Vehicle Debris

- Bradley Fighting Vehicles
- A-10 Warthog





Vault 2 - Soils

Soils in milvans and drums





Ready - Reliable - Lethal

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SWA Soils

- Under legal review
- DOD DU Working Group establishing policy to minimize future remediation efforts





Sand Piles



Two piles of sifted sand

DU fragments





QUESTIONS?

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