



U.S. Army Joint Munitions Command

Low-Level Radioactive Waste
Status Update



Topics

- **Barnwell closure impact**
- **Workload trend**
- **Southwest Asia**

Ready - Reliable - Lethal



2 of 12

UNCLASSIFIED



Waste Streams



Ready - Reliable - Lethal

UNCLASSIFIED



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



Ready - Reliable - Lethal





Workload Trends

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

Ready - Reliable - Lethal





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**

Ready - Reliable - Lethal





Storage Vaults

**Two concrete vaults
with concrete lids**



**Vehicles and debris in one
Soils in the other**



Ready - Reliable - Lethal





Vault 1 – Vehicle Debris

- **Bradley Fighting Vehicles**
- **A-10 Warthog**

Ready – Reliable – Lethal



8 of 12

UNCLASSIFIED



Vault 2 - Soils

**Soils in milvans
and drums**



Ready - Reliable - Lethal





SWA Soils

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

Ready - Reliable - Lethal





Sand Piles



Two piles of sifted sand

DU fragments



Ready - Reliable - Lethal





QUESTIONS?

Kelly Crooks
309-782-0338
kelly.crooks@us.army.mil