



# **Los Alamos National Laboratory Legacy Cleanup Completion Project & EM Transition Status**

## **ETEBA**

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**ENVIRONMENTAL MANAGEMENT  
LOS ALAMOS FIELD OFFICE (EM-LA)**

# Agenda

- Transition Update
- FY 15 Cleanup Snapshot
- FY 15 Work
- FY 16 Budget Request
- Strategic Considerations
- Status of Acquisition



# Transition Update

## ❑ Organization

- Environmental Management Los Alamos (EM-LA) Field Office operational as of March 22, 2015
- Permanent manager has been hired. Doug Hintze scheduled to start September 20.
- Several staff recruitments underway

## ❑ Program Offices Integration

- EM and NNSA are collaborating closely – both locally and at Headquarters

## ❑ Oversight

- NNSA Los Alamos (NA-LA) Field Office currently retains nuclear safety oversight for legacy cleanup activities
- EM-LA and EM HQs safety officials actively involved in safety reviews and approvals



# FY 15 Cleanup Snapshot

Duration Estimate	Activity	Human/ Environmental Risk Driver	FY 15 Funding	Overall Budget
Ongoing	Base (SW/GW Protection; Buchman Diversion, Regulatory, Pueblo Activities, etc)	N/A	\$74.5M	\$74.5M
FY15→	Nitrate/TRU Waste Safe Storage & Treatment Planning	HIGH	\$64.0M	\$138.5M
FY15→	Chromium Interim Measure/ Characterization Planning	MODERATE	\$29.0M	\$167.5M
FY15→	RDX Intermediate Groundwater Characterization Study	MODERATE	\$12.5M	\$180.0M
FY15→	Soil Remediation; Townsites & Aggregate Area Investigations	LOW	\$7.0M	\$187.0M
FY15-FY16	Airport Landfill Cover	LOW	\$2.6M	\$189.6M



# FY 15 Work

## ☐ Groundwater Protection

- Groundwater Compliance Monitoring & Reporting
- Chromium
  - Complete five core holes and piezometer installations
  - Chromium plume control interim measure and plume-center characterization draft environmental assessment available late summer/fall 2015
  - IM and characterization implementation late summer 2015
- RDX
  - Installation and testing of new monitoring wells

## ☐ TRU Waste Disposition

- Safe storage and monitoring of salt drums
- Finalize recovery plan



Cooling System for Nitrate Salt Drums



# FY 15 Work (continued)

## ❑ Stormwater Sampling and Monitoring

- Monitoring inclusive of Individual Permit (IP) corrective action
- Installation of 20-25 stormwater control structures

## ❑ Aggregate Areas

- Supplemental Investigation Reports – Drive for Certificates of Completion
- Remediation of several townsite areas (including recent successful cleanup of a canyon-side behind Smith's Marketplace)

## ❑ Demolition of 21-286 Warehouse at TA-21

- Low-level rad contaminated



**Building 21-286 at Technical Area 21**



# FY16 Budget Request for EM Cleanup at LANL

## President's FY 16 Budget Request: \$188.6M

- PBS-0013, Solid Waste: \$65.0M
- PBS-0030, Soil and Water Remediation: \$117.2M
- PBS-0040, D&D: \$3.0M
- PBS-FAO-0101, Misc. Programs: \$3.4M

## General Activities Continue

- Protection of the surface and groundwater
- Continued interim measures for chromium plume
- Safe management of TRU waste and planning for future treatment of nitrate salt containers
- Continued progress on soil remediation planning and implementation
- These activities will be discussed with regulatory agencies



# Strategic Considerations

## LANL Legacy Cleanup Completion Project

- There are parallel, dynamic factors that must be integrated to achieve optimal planning
- Updated, revised life cycle estimate for cleanup
- Acquisition plan and changes
- Alignment of regulatory requirements
- Allocation of resources – human capital and budget
- Transparent alignment with Tribal and community stakeholders

## Federal Lifecycle Cleanup Estimate Update Nearing Completion

## Acquisition Efforts Ongoing

## Organizational Build-out Underway

## FY17 and Out-year Planning Underway





# Status of Acquisition

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## ❑ Bridge Contract

- EM and LANS continuing to progress toward the “Bridge Contract”

## ❑ Future Competitive Procurement(s)

- March Industry Day – significant interest
- Master Acquisition Plan – under development

