Field Operations Update

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Jeff Griffin, Ph.D.
Associate Principal Deputy Assistant Secretary,
Field Operations

Office of Field Operations

ENSURING THAT EM PRIORITIES ARE REFLECTED IN SITE PRIORITIES

Focus on the Future

- End State Contracting
- Consistency in Contract Accountability
 - o PEMP guidance
 - Fee Advisory Board
- Safety, Security and QA changes
- Technology Development
- Opportunities for Accelerating Work Art of the Possible

2019 Expected Accomplishments

End State Contracting

- EM effort to renew/create an industry culture focused on completion
- Two-Step Process provides EM with the flexibility to partner with industry and stakeholders to openly negotiate the right End States and regulatory framework to reach completion
- Developed with consideration of industry feedback

Potential Future End State Contracts*

Central Plateau Cleanup Contract	
Hanford Tank Closure Contract	
Nevada Environmental Program Services	
Oak Ridge Reservation Cleanup	
Idaho Cleanup Project	
Portsmouth D&D	
West Valley Decommissioning	

*Subject to change

Consistency in Contractor Accountability

Performance Evaluation Measurement Plans (PEMPS)

Ongoing HQ Reviews

- Internal feedback for EM to ensure that efforts are:
 - o Focused on Project completion,
 - Aligned with EM priorities and principles of End-State Contracting, or
 - Managed appropriately while we transition to End-State Contracts
- Updated to account for incremental scope increase
- Review of specific subject elements
- Includes effectiveness of Contractor Assurance System as part of the evaluation criteria

Consistency in Contract Accountability

DOE HQ Fee Advisory Board

- Note: Fee Determining Official maintains final authority on fee
- Fee Advisory Board provides consistency across EM by:
 - Recommending proper incentives to deliver superior performance.
 - Making recommendations to improve future fee determination criteria and other contract changes to drive performance
 - Ensuring recommendations are based on sound data and implemented in a fair and robust process.
- Institutionalizes clear EM corporate expectations

Safety, Security, and Quality Assurance

Initiatives to improve effectiveness and efficiency in safety and Quality Assurance Areas

- Streamline upcoming contracts to remove unnecessary safety, security and QA requirements while focusing on safety not the "how to"
 - Graded approach and innovative implementation
 - Intended to expedite closure activities
- Partnering with contractors for Contractor Assurance System reviews
 - Promotes contractor-led improvements
 - Focus Field Offices on performance and results
 - o First pilot at SRS, several other sites to follow
- Improve sharing of lessons learned and best practices in safety and QA across the Enterprise

Technology Development

EM Technology Development Program

- Establish a Program Management process
 - Selection
 - Prioritization
 - o Portfolio management
- Align TD efforts with EM priorities and schedules
- Include all TD funded activities site and HQ funded
- As appropriate, incorporate recommendations from the National Academies Independent Assessment

FY19 \$25M appropriations (\$16M Congressionally directed)

EM is conducting an "Art of the Possible" analysis to identify:

- Opportunities for accelerating site closure,
- Proposed sequencing for cleanup activities, and
- Potential means for reducing environmental liability
- remaining in compliance with all applicable environmental and safety requirements and reducing risk to the public and environment.

Some assumptions used in these analyses may need to be verified Significant modeling efforts may be needed to validate results.

Some Accomplishments Planned for 2019

Moab Increasing
shipments of
contaminated
soil to
4 trains/week



SPRU - Demolition and removal of all buildings, foundations, debris and equipment has now been completed.



WIPP - Work on the new underground air ventilation system



Los Alamos -Installing monitoring well for the Chromium Project

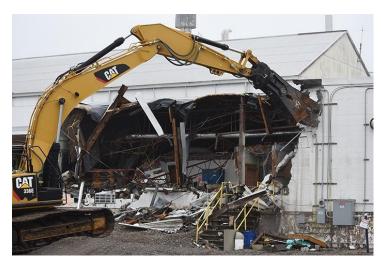
Some Accomplishments Planned for 2019



Savannah River - Tank Closure Cesium Removal treatment unit operation



Richland - Complete demolition of the Plutonium Finishing Plant



Oak Ridge - Demolish Building K-1037 scheduled for completion later this year

Some Accomplishments Planned for 2019



Idaho – Conduct fullscale retrieval demo of calcine waste from the storage bins



Savannah River Site -Salt Waste Processing Facility Next Generation Solvent Cold Feeds Area



Office of River Protection – Complete construction of the Effluent Management System