

ECA Update

Thursday, January 13, 2022

EM sets aggressive goals with 2022 priorities to advance cleanup mission

| EM CY22 MISSION AND PRIORITIES | |
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| <p>MISSION STATEMENT: To complete the safe cleanup of the environmental legacy brought about from decades of nuclear weapons development and government-sponsored nuclear energy research.</p> | |
| PRIORITY #1: | ACHIEVE SIGNIFICANT CONSTRUCTION MILESTONES |
| <ul style="list-style-type: none"> Complete cold commissioning of the first WTP melter at Hanford Begin construction of K-East Reactor Coconing Enclosure at Hanford Begin construction of the AMC Facility at Savannah River Complete all concrete placements for SDU-9 at Savannah River Complete construction of New Filter Building for SSCVS at WIPP | |
| PRIORITY #2: | EXECUTE KEY CLEANUP PROJECTS |
| <ul style="list-style-type: none"> Begin tank waste pre-treatment at Hanford through TSCR operations Complete processing of 100 sodium-bearing waste containers at the IWTU at Idaho Complete all Subsurface Disposal Area buried waste remediation at Idaho Treat 4 million gallons of tank waste at Savannah River Complete demolition of the X-326 process building at Portsmouth Begin hot cell processing of the high-activity uranium-233 inventory at Oak Ridge Install equipment to support Los Alamos transuranic waste removal from WCS Complete 30 shipments of transuranic waste from Los Alamos to WIPP Complete 50 Percent of West Access Drift Mining at WIPP Begin demolition of Main Plant Process Building at West Valley Complete demolition of remaining ancillary support facilities at West Valley Complete removal of a cumulative 13M tons of material from the Moab site Disposition 1 million pounds of hazardous refrigerant from Paducah Begin demolition of the TCC and EMAD facilities at Nevada Begin demolition of Building B221 at Lawrence Livermore National Laboratory Complete remediation of the D1G Ditch Area at Naval Reactors' Kesseling Site | |
| PRIORITY #3: | REDUCE THE EM FOOTPRINT |
| <ul style="list-style-type: none"> Transfer former Biology Complex footprint at Oak Ridge to NNSA | |
| PRIORITY #4: | AWARD CONTRACTS THAT ENABLE ACCELERATED PROGRESS |
| <ul style="list-style-type: none"> Award new Hanford Integrated Tank Disposition Contract Award new WIPP Management-and-Operations Contract Award new Moab Cleanup Contract Award new WIPP Transportation Contract | |
| PRIORITY #5: | DRIVE INNOVATION AND SUSTAINABILITY AND IMPROVE PERFORMANCE |
| <ul style="list-style-type: none"> Issue 2022-2032 Update of EM Strategic Vision and New EM Program Plan Implement E240 pilot project at Los Alamos Complete EM-wide succession plan to build and develop diverse workforce Update climate vulnerability assessments for all EM sites | |

The Department of Energy (DOE) [Office of Environmental Management](#) (EM) has established its [key priorities for calendar year 2022](#), covering planned cleanup, project construction, acquisition, and other important accomplishments to advance EM's environmental and risk-reduction mission.

"Our many accomplishments in 2021 positioned EM to achieve an equally challenging slate of priorities in 2022," EM Senior Advisor William "Ike" White said. "Our 2022 priorities underscore our goals to accomplish cleanup that is safe and protective of our workforce, the public and the environment, and in a manner that is transparent to the communities that host and support our sites."

The EM Calendar Year 2022 Priorities set objectives at sites across the nation and for the program, including:

- Completing cold commissioning of the first melter at the Waste Treatment and Immobilization Plant and beginning operation of the Tank-Side Cesium Removal system at the Hanford Site in Washington state, essential steps toward the treatment of tank waste at that site.
- Processing the first 100 liquid waste containers as operations begin at the Integrated Waste Treatment Unit, a major milestone at the DOE Idaho National Laboratory Site.



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- Beginning construction of the Advanced Manufacturing Collaborative in Aiken, South Carolina, a key facility near the Savannah River Site that will enable the U.S. Department of Energy to partner with industry and academia on the development of technology to benefit environmental cleanup and national security missions.
- Completing 30 shipments of transuranic waste from the EM Los Alamos Field Office to the Waste Isolation Pilot Plant in New Mexico.
- Completing demolition of Building X-326 at the Portsmouth Site in Ohio, making the former uranium enrichment facility the first of three massive structures to be torn down at the site.
- Completing removal of another 1 million tons of uranium mill tailings from the Moab Uranium Mill Tailings Remedial Action Project in Utah, moving the site to a cumulative 13 million tons of tailings relocated away from the Colorado River and into an engineered disposal facility.
- Awarding the Hanford Integrated Tank Disposition Contract, the largest single contract that EM will award for cleanup activities.
- Updating climate vulnerability assessments at all EM sites, a commitment to the goal of reducing greenhouse gas impacts from EM facilities and activities, and managing the effects of climate change.
- Implementing the Justice 40 Initiative pilot project at the EM Los Alamos Field Office.

The full set of EM 2022 priorities can be accessed [here](https://www.energy.gov/em/em-cy22-mission-priorities).
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PRIORITY #1: ACHIEVE SIGNIFICANT CONSTRUCTION MILESTONES

- Complete cold commissioning of the first WTP melter at Hanford
- Begin construction of K-East Reactor Cocooning Enclosure at Hanford
- Begin construction of the AMC Facility at Savannah River
- Complete all concrete placements for SDU-9 at Savannah River
- Complete construction of New Filter Building for SSCVS at WIPP

PRIORITY #2: EXECUTE KEY CLEANUP PROJECTS

- Begin tank waste pre-treatment at Hanford through TSCR operations
- Complete processing of 100 sodium-bearing waste containers at the IWTU at Idaho
- Complete all Subsurface Disposal Area buried waste remediation at Idaho
- Treat 4 million gallons of tank waste at Savannah River
- Complete demolition of the X-326 process building at Portsmouth
- Begin hot cell processing of the high-activity uranium-233 inventory at Oak Ridge
- Install equipment to support Los Alamos transuranic waste removal from WCS
- Complete 30 shipments of transuranic waste from Los Alamos to WIPP
- Complete 50 Percent of West Access Drift Mining at WIPP
- Begin demolition of Main Plant Process Building at West Valley
- Complete demolition of remaining ancillary support facilities at West Valley
- Complete removal of a cumulative 13M tons of material from the Moab site
- Disposition 1 million pounds of hazardous refrigerant from Paducah
- Begin demolition of the TCC and EMAD facilities at Nevada
- Begin demolition of Building B251 at Lawrence Livermore National Laboratory
- Complete remediation of the D1G Ditch Area at Naval Reactors' Kesselring Site

PRIORITY #3: REDUCE THE EM FOOTPRINT

- Transfer former Biology Complex footprint at Oak Ridge to NNSA

PRIORITY #4: AWARD CONTRACTS THAT ENABLE ACCELERATED PROGRESS

- Award new Hanford Integrated Tank Disposition Contract
- Award new WIPP Management-and-Operations Contract
- Award new Moab Cleanup Contract
- Award new WIPP Transportation Contract

PRIORITY #5: DRIVE INNOVATION AND SUSTAINABILITY AND IMPROVE PERFORMANCE

- Issue 2022-2032 Update of EM Strategic Vision and New EM Program Plan
- Implement EJ40 pilot project at Los Alamos
- Complete EM-wide succession plan to build and develop diverse workforce
- Update climate vulnerability assessments for all EM sites