



# Environmental Management (EM) Nevada Program Activities Monthly Report to the Nevada Site Specific Advisory Board (NSSAB) October 2024



## External Affairs

- NSSAB:
  - Hosted NSSAB Full Board Meeting via hybrid format in Las Vegas, NV. External communications included social media, news release with over 40K subscribers, and newspaper advertising in Pahrump Valley Times and Las Vegas Review-Journal – September 11, 2024
  - Attended EM Site-Specific Advisory Board (SSAB) National Chairs' Meeting in Oak Ridge, TN (NSSAB Chair and Vice-Chair attended). NSSAB Chair provided the Board's accomplishments and concerns to Jeff Avery, Principal Deputy Assistant Secretary (EM-2). – September 24-26, 2024
  - Minutes recently posted from the EM SSAB National Chairs' Meeting held in May 2024 in Chillicothe, OH, can be accessed [here](#). The presentations, updates, and round robin from this meeting are also available on the website.
- Events/Stakeholder Meetings:
  - Hosted meeting with representatives from the Defense Nuclear Facilities Safety Board in Las Vegas, NV (NSSAB leadership in attendance) – September 3, 2024
  - Hosted visit for State of Nevada Division of Environmental Protection (NDEP) staff of the Rainier Mesa corrective action unit on the Nevada National Security Site (NNSS) – September 5, 2024
  - Hosted EM Nevada Program Intergovernmental Meeting via hybrid format in Las Vegas, NV (NSSAB leadership in attendance) – September 11, 2024
  - Conducted update presentation for the Waste Coordination Leadership Group, including the State of Nevada, with support from National Nuclear Security Administration Nevada Field Office (NNSA/NFO) and EM HQs – September 16, 2024
  - Attended National Cleanup Workshop (NCW) in Arlington, VA (NSSAB Chair in attendance). The workshop brings together senior U.S. Department of Energy (DOE) executives, officials from DOE sites, industry executives, Congressional representatives, and other stakeholders and focuses on major cleanup successes, contract and project management improvement, and efforts to develop new cleanup technologies. An EM Update article on the NCW, *Granholm, Robertson Highlight Importance of*



*Public Service, Partnerships in Cleanup*, can be accessed [here](#). – September 17-18, 2024  
Update articles on the NCW, *National Cleanup Workshop Wrap-up: Event Marks 10 Years as EM Turns 35*, can be accessed [here](#) – September 24, 2024

- Publications:
  - **UPDATE:** CY 2023 *NNSS Environmental Report* posted on September 26, 2024, can be accessed [here](#). This report is written to inform the public, regulators, employees, and other stakeholders of the performance of the NNSS environmental program. The EM Nevada mission activities primarily appears in Chapters 5 (Water Monitoring), 10 (Waste Management), and 11 (Environmental Corrective Actions). [*standing item*]
  - The current *EM Strategic Vision: 2024-2034* can be accessed [here](#). The NNSS is featured on pages 32-33. This vision outlines EM's anticipated accomplishments in protection of the workforce, the public, and the environment. The vision was developed with feedback from state and local officials, Tribal Nations, and stakeholders. EM remains committed to working in a collaborative manner with Congress and the cleanup community to advance shared goals of safe, effective cleanup and fiscal responsibility. [*standing item*]
- Planned activities for October 2024:
  - Present at Low-Level Waste Forum in Reno, NV – October 9, 2024
  - Host annual NSSAB work plan tour of the NNSS – October 16, 2024
  - Host quarterly partnering session with EM Consolidated Business Center, EM Nevada Program and Navarro senior staff in Las Vegas, NV – October 21, 2024

## **Waste Disposal and Transportation**

- The fiscal year 2024 Transportation Report for the third quarter (April – June 2024) can be accessed [here](#)
- Update from previous reports – Los Alamos, NM generator: In January 2024, RWAP conducted a facility evaluation that resulted in one Finding. The Radioactive Waste Acceptance Program (RWAP) is waiting for the objective evidence from the generator to close the Finding. (please see February – September 2024 Monthly Reports for more information)
- Update from previous reports – Oak Ridge, TN generator: In February 2024, RWAP conducted a facility evaluation that resulted in two Findings. RWAP is waiting for the objective evidence from the generator to close the Findings. (please see March – September 2024 Monthly Reports for more information)
- Update from previous reports – Oak Ridge, TN generator #2: In April 2024, RWAP conducted a facility evaluation that resulted in three Findings. RWAP is waiting for the objective evidence for the two remaining Findings from the generator to close the Findings. (please see May – September 2024 Monthly Reports for more information)
- Update from previous reports – Erwin, TN generator: In June 2024, RWAP conducted a facility evaluation that resulted in one Finding. RWAP is waiting for the objective evidence from the generator to close the Finding. (please see July - September 2024 Monthly Reports for more information)
- Update from previous report – Oak Ridge, TN generator: In August 2024, RWAP issued a Finding regarding prohibitive items found in a waste container discovered during Real Time Radiography (RTR). RWAP is waiting for a corrective action plan (CAP) from the generator and the objective evidence from the generator's CAP to close the Finding. The generator cannot ship waste to the NNSS under that waste profile

until it meets the requirements in the administrative portion of the NNSS Waste Acceptance Criteria Section 3.2.1.1. (please see September 2024 Monthly Report for more information)

- Update from previous report – Kingston, TN generator: In September 2024, RWAP conducted a facility evaluation that resulted in one Finding. The generator will have 30 days to respond to the Finding after receiving the RWAP report. (please see September 2024 Monthly Report for more information)
- In the month of September 2024, RWAP conducted one facility evaluation:
  - West Valley, NY: RWAP conducted a facility evaluation that resulted in one Finding.
- In the month of October 2024, RWAP will conduct one facility evaluation.
- In the month of October 2024, approximately 78,212 cubic feet of low-level waste (LLW), mixed (MLLW), and classified waste is forecasted for disposal at the NNSS.

## **Underground Test Area (UGTA) - Groundwater**

### ***Corrective Action Unit (CAU) 101/102, Pahute Mesa***

In September 2024, planning activities for collection of new data including drilling and groundwater sampling for the Pahute Mesa CAUs continued. Collection of surface geophysical data continued. Revision of the Pahute Mesa Corrective Action Decision Document/Corrective Action Plan (CADD/CAP) to reflect drilling planning activities continued. Modeling activities consistent with the Pahute Mesa CADD/CAP are ongoing. NDEP comments on the Pahute Mesa groundwater annual sampling letter report were resolved, and the letter report was completed.

**Industrial Sites** (NOTE: the NSSAB will receive an in person update on progress during the NSSAB annual work plan tour on October 16, 2024)

### ***CAU 114, Area 25 Engine Maintenance, Assembly, and Disassembly (EMAD) Facility***

CAU 114 comprises three Corrective Action Sites (CASs) in Area 25 of the NNSS. The Streamlined Approach for Environmental Restoration (SAFER) Plan was approved by NDEP in June 2021. In September 2024, preparation of the facility for eventual demolition continued and will continue throughout 2024.

### ***CAU 572, Test Cell C (TCC) Ancillary Building and Structures***

CAU 572 comprises five CASs in Area 25 of the NNSS. The SAFER Plan was approved by NDEP in April 2021. In September 2024, preparation of the facility for eventual demolition continued and will continue throughout 2024.

## **Post-Closure Monitoring**

### ***Non-Resource Conservation and Recovery Act (RCRA) Post-Closure Monitoring Sites***

The Non-RCRA Post-Closure Monitoring Sites include CASs where post-closure inspections and maintenance were performed in accordance with closure requirements. Maintenance and repairs identified during the 2023 annual inspections will be conducted in calendar year 2024. Annual inspections for calendar year 2024 continued in September 2024.