



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



External Affairs

- NSSAB:
 - Hosted visit for NSSAB member to observe a low-level waste (LLW) Visual Verification on the Nevada National Security Site (NNSS) in support of a work plan item – August 20, 2024
- Events/Stakeholder Meetings:
 - Hosted Low-Level Waste Stakeholders Forum via hybrid format at the Molasky Corporate Center, Las Vegas, NV (NSSAB representative attended) – August 15, 2024
- Publications:
 - The current *NNSS Environmental Report* 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. [*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. If you would like to submit feedback on the next version of the document, email StrategicVisionFeedback@em.doe.gov by September 27, 2024. [*standing item*]
 - Featured in social media and EM Update article, *EM Nevada Enhances Emergency Response with Grant Funding* can be accessed [here](#). Watch video on Nye County F-500 training [here](#). – August 27, 2024
- Planned activities for September 2024:
 - Host meeting with representatives from the Defense Nuclear Facilities Safety Board in Las Vegas, NV (NSSAB leadership to attend) – September 3, 2024
 - Host visit for State of Nevada Division of Environmental Protection (NDEP) staff of Pahute Mesa on the NNSS – September 5, 2024
 - Host EM Nevada Program Intergovernmental Meeting via hybrid format in Las Vegas, NV (NSSAB leadership to attend) – September 11, 2024



- Host NSSAB Full Board Meeting via hybrid format in Las Vegas, NV, including social media, news release with over 40K subscribers, and newspaper advertising in Pahrump Valley Times and Las Vegas Review-Journal – September 11, 2024
- Conduct update presentation for the Waste Coordination Leadership Group, includes State of Nevada, with support from National Nuclear Security Administrator Nevada Field Office (NNSA/NFO) and EM HQs – September 16, 2024
- Attend National Cleanup Workshop in Arlington, VA (NSSAB Vice-Chair to attend). The workshop brings together senior 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. – September 17-18, 2024
- Attend EM Site-Specific Advisory Board National Chairs’ Meeting in Oak Ridge, TN (NSSAB Vice-Chair and NSSAB member to attend) – September 24-26, 2024

Waste Disposal and Transportation

- The fiscal year 2024 Waste Volume 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. In June 2024, the NNSA Los Alamos Federal Office reviewed the generator’s corrective action plan (CAP). In July 2024, the CAP was reviewed by the EM Nevada Program with no comments. The Radioactive Waste Acceptance Program (RWAP) is waiting for the objective evidence for the Finding from the generator. (please see February – August 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. In June 2024, the Oak Ridge EM Federal Office reviewed the generator’s CAP and continued its review in July 2024. RWAP is waiting for the objective evidence for the Finding from the generator. (please see March – August 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. In July 2024, RWAP reviewed the generator’s CAP, and comments have been submitted to the generator for response. In August 2024, RWAP received and reviewed the generator’s objective evidence for one of the Findings and closed that Finding. RWAP is waiting for the objective evidence for the two remaining Findings from the generator. (please see May – August 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. In August 2024, the generator submitted its CAP that is undergoing review by RWAP. (please see July - August 2024 Monthly Reports for more information)
- In August 2024, RWAP issued a Finding to an Oak Ridge, TN generator regarding indeterminate items found in a waste container discovered during Real Time Radiography (RTR) conducted in June 2024. The generator could not account for the indeterminate objects. The generator suspended shipments under the waste profile and retrieved the container for examination. When examined, the generator concluded the indeterminate items were prohibited by the NNSWAC Waste Acceptance Criteria (WAC). The generator cannot ship waste to the NNSWAC under that waste profile until it meets the requirements in the administrative portion of the NNSWAC Section 3.2.1.1.

- In the month of August 2024, RWAP conducted three facility evaluations:
 - Amarillo, TX: RWAP conducted a facility evaluation that resulted in no Findings.
 - Aberdeen, MD: RWAP conducted a facility evaluation that resulted in no Findings.
 - Kingston, TN: RWAP conducted a facility evaluation that resulted in one Finding.
- In the month of September 2024, RWAP will conduct one facility evaluation.
- In the month of September 2024, approximately 66,723 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 August 2024, planning activities for collection of new data including drilling and groundwater sampling for the Pahute Mesa CAUs continued. Collection of surface geophysical data began. 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 provided comments on the Pahute Mesa groundwater annual sampling letter report and comment resolution began.

Industrial Sites

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 August 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 August 2024, preparation of the facility for eventual demolition continued and will continue throughout 2024.



EMAD chiller unit removal

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 August 2024.