



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



External Affairs

- NSSAB:
 - Observed a facility evaluation at an Idaho generator conducted by the Radioactive Waste Acceptance Program (RWAP) in support of a work plan item (two NSSAB members participated) – June 24-27, 2024
- Events/Stakeholder Meetings:
 - Hosted a bottled water drive for the Las Vegas Rescue Mission to help keep the homeless hydrated this summer – month of June 2024
 - Attended and participated in a panel, *Small Businesses, Big Missions*, during RadWaste Summit in Louisville, KY – June 3-5, 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 Nevada National Security Site (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. [*standing item*]
 - National Nuclear Security Administration (NNSA) article, *NNSA selects Estuary for a clean energy solar project at the Nevada National Security Site* can be accessed [here](#) – June 12, 2024
 - Published article and social media, *New Portal Adds to EM Nevada’s Screening Tools for Waste Shipments*, can be accessed [here](#) – June 25, 2024
- Planned activities for July 2024:
 - Conduct a briefing, *EM Nevada Waste Disposal and Transportation*, at the Community Environmental Monitoring Program (CEMP) Workshop (NSSAB members invited) – July 15, 2024
 - Conduct an NNSS tour of Area 5 Radioactive Waste Management Complex and Area 25 Industrial Sites locations for the Senior Technical Advisor from the Office of Management and Budget – July 17, 2024
 - Host NSSAB Full Board Meeting via hybrid format in Las Vegas, NV – July 17, 2024
 - Host EM Nevada Program Intergovernmental Meeting via hybrid format in Las Vegas, NV (NSSAB leadership to attend) – July 17, 2024

Waste Disposal and Transportation

- The fiscal year 2024 Transportation Report for the second quarter (Jan. – March 2024) can be accessed [here](#)
- Update from previous reports – Los Alamos, NM generator: In January 2024, the RWAP conducted a facility evaluation that resulted in two Findings. In June 2024, the NNSA Los Alamos Federal Office reviewed the generator’s corrective action plan (CAP). (please see February - June 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. (please see March – June 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 June 2024, the generator submitted its CAPs that are undergoing RWAP review. (please see May – June 2024 Monthly Reports for more information)
- In the month of July 2024, RWAP conducted two facility evaluations:
 - Erwin, TN generator: RWAP conducted a facility evaluation that resulted in one Finding.
 - Idaho Falls, ID: RWAP conducted a facility evaluation that resulted in no Findings. Two NSSAB members observed and will report their observations during the July 17, 2024, NSSAB meeting.
- In the month of July 2024, RWAP will conduct one facility evaluation.
- In the month of July 2024, approximately 90,510 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 June 2024, planning activities for collection of new data including drilling, surface geophysics, and groundwater sampling for the Pahute Mesa CAUs 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. Development of the Pahute Mesa groundwater annual sampling letter report continued.

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 the State of Nevada Division of Environmental Protection (NDEP) in June 2021. In June 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 June 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 June 2024.

RCRA Post-Closure Monitoring Sites

The RCRA Post-Closure Monitoring Sites include seven CAUs where post-closure inspections, monitoring, and maintenance were performed in accordance with the RCRA Permit and closure requirements. Quarterly inspections were conducted in June 2024.

Groundwater Post-Closure Monitoring

In June 2024, the Annual Letter Report for all Closed Groundwater CAUs was approved by NDEP. Groundwater sampling at well WW-C-1 in Yucca Flat was completed.

Federal Facility Agreement and Consent Order (FFACO)

The FFACO is a regulatory agreement that identifies sites of potential historic contamination on the NNSS and outlines a strategy and timeline for completing corrective actions. A collaborative effort with all signatories to modify the FFACO is underway to update the main body and appendices. One key change is the identification of the EM Nevada Program as a separate signatory (previously, the EM Nevada Program and the NNSA/NFO were represented by NNSA/NFO signature). A new Appendix, VII, was also written to provide a Post-Closure Strategy for closed CAUs that includes processes for transitioning responsibility of FFACO sites to long-term stewards. This extensive revision process was last undertaken when the FFACO was modified in 2010. The proposed changes in progress further solidify the Department's commitment to long-term environmental protection and support the evolution of the EM Nevada Program mission. In June 2024, the approval and final signature process continued and will continue in July 2024.

FFACO-related records are, per the Agreement, transmitted to both the [Nevada State Library & Archives](#) as well as the [Nuclear Testing Archives](#), and transitioning FFACO sites to another long-term steward does not mean retrieving the FFACO records from those repositories. The records that are transitioned to a new long-term steward are those that are maintained by Navarro.