



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



External Affairs

- NSSAB:
 - Hosted NSSAB Full Board Meeting via hybrid format in Las Vegas, NV, including social media, news release with nearly 40K subscribers, and newspaper advertising in Pahrump Valley Times and Las Vegas Review-Journal – July 17, 2024
- Events/Stakeholder Meetings:
 - Conducted a briefing, *EM Nevada Waste Disposal and Transportation*, at the Community Environmental Monitoring Program (CEMP) Workshop (NSSAB members invited) – July 15, 2024
 - Conducted a Nevada National Security Site (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
 - Hosted EM Nevada Program Intergovernmental Meeting via hybrid format in Las Vegas, NV (NSSAB leadership attended) – July 17, 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. [*standing item*]
 - Featured in social media and article, *EM’s Newly Updated ‘By the Numbers’ Added up to Cleanup Progress* can be accessed [here](#); ‘By the Numbers’ Fact Sheet for the NNSS can be accessed [here](#) – July 2, 2024



NSSAB Meeting July 17, 2024

- Planned activities for August 2024:
 - Host Low-Level Waste Stakeholders Forum via hybrid format at the Molasky Corporate Center, Las Vegas, NV (NSSAB representative to attend) – August 15, 2024

Waste Disposal and Transportation

- Update from previous reports – Erwin, TN generator. In May 2022, the Radioactive Waste Acceptance Program (RWAP) conducted a facility evaluation that resulted in one Finding. In June 2024, RWAP conducted another facility evaluation and final corrective actions were discussed. In July 2024, the EM Nevada Program accepted the generator’s causal analysis and actions taken and approved the revised profile. The generator is eligible to ship this waste stream to the NNSS. (please see June – July 2022, September – October 2022, May – June 2023, November 2023 – January 2024, March 2024, and May - June 2024 Monthly Reports for more information)
- Update from previous reports – Los Alamos, NM generator: In January 2024, 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). In July 2024, the CAP was reviewed by the EM Nevada Program with no comments. (please see February - July 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. (please see March – July 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. (please see May – July 2024 Monthly Reports for more information)
- Update from previous report – Erwin, TN generator: In June 2024, RWAP conducted a facility evaluation that resulted in one Finding. In July 2024, the generator notified RWAP that the CAP was in development and would be submitted in August 2024. (please see July 2024 Monthly Report for more information)
- In the month of July 2024, RWAP conducted one facility evaluation:
 - Idaho Falls, ID: RWAP conducted a facility evaluation that resulted in no Findings.
- In the month of August 2024, RWAP will conduct three facility evaluations.
- In the month of August 2024, approximately 79,865 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 July 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. The Pahute Mesa groundwater annual sampling letter report was submitted to the State of Nevada Division of Environmental Protection (NDEP) for review.

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 July 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 July 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 July 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. In July 2024, oversight of the RCRA Post-Closure Monitoring Sites was transferred to the National Nuclear Security Administration/Nevada Field Office (NNSA/NFO).

Groundwater Post-Closure Monitoring

In July 2024, the samples collected from well WW-C-1 in Yucca Flat were shipped to an independent analytical laboratory.



UGTA Team conducting pumping and sampling activities

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 July 2024, the approval and final signature process continued and will continue in August 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.