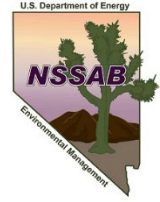




**Environmental Management (EM)
Nevada Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
October 2023**



Nevada National Security Sites (NNS) 2022 Environmental Report Now Available

The annual NNS Environmental Report contains information on all programs and activities conducted in and around the NNS, at the North Las Vegas Facility, and at the Remote Sensing Laboratory-Nellis to protect the environment and the public. Activities reported include environmental management system performance and implementation; compliance with all environmental permits; monitoring of radionuclides in air, groundwater, and biota; direct radiation monitoring; calculation of the public's radiation dose from activities conducted on the NNS; results of Clean Air Act, Safe Drinking Water Act and Clean Water Act monitoring; progress toward remediation of all contaminated sites; environmental monitoring of waste management sites; protection of cultural resources; and monitoring of protected species and habitats on the NNS, and more.

The report is written to inform the public, regulators, employees, and other stakeholders of the performance of the NNS environmental program for calendar year 2022. The report can be accessed [here](#).

External Affairs

- NSSAB:
 - NSSAB member accompanied the Radioactive Waste Acceptance Program (RWAP) team to observe a facility evaluation in West Valley, NY in support of a work plan item – September 11-14, 2023
 - Hosted NSSAB Full Board Meeting via hybrid format in Las Vegas, NV, including social media, news release with 36,802 subscribers, and newspaper advertising for promotion – September 20, 2023
- Events/Stakeholders Meetings:
 - Attended EM Cleanup Workshop in Arlington, VA (NSSAB Vice-Chair attended). A video of EM Nevada Program's recent completion of demolition of four buildings at Test Cell C was featured during workshop, can be accessed [here](#). – September 12-13, 2023
 - Hosted EM Nevada Program Intergovernmental Meeting via hybrid format in Las Vegas, NV (NSSAB Chair attended) – September 20, 2023
- Publications:
 - Featured in an article and social media, *EM Nevada Meets 2023 Priority Cleanup Commitments Early* in EM Update on September 12, 2023, can be accessed [here](#).
 - Published article and social media, *EM Nevada Meets 2023 Priority Cleanup Commitments Early* in NNS News on September 12, 2023, can be accessed [here](#).
 - Published article and social media, *Radiological Control Technicians Ensure Safety at Test Cell C* in EM Update on September 12, 2023, can be accessed [here](#).

- Published article and social media, *EM Nevada Reaches Significant Milestone in Groundwater Testing* in EM Update on September 26, 2023, can be accessed [here](#).
- Published article and social media, *EM Nevada Radiological Control Technicians Ensure Safety at Test Cell C* in NNSS News on September 28, 2023, can be accessed [here](#).
- The current *EM Strategic Vision: 2023-2033* can be accessed [here](#). NNSS is featured on pages 32-33. [standing item]
- Planned activities for October 2023:
 - Host NSSAB Annual Work Plan Tour of the NNSS – October 18, 2023

Waste Disposal and Transportation

- Update from previous reports – Gainesville, FL generator: In June 2023, RWAP conducted an onsite facility evaluation that resulted in one Finding. In September 2023, RWAP approved the generator’s corrective action plan (CAP). RWAP is reviewing the objective evidence from the generator and expects to close the Finding in October 2023. (please see July – September 2023 Monthly Reports for more information)
- Update from previous reports – Portsmouth, OH generator: In July 2023, RWAP conducted an onsite facility evaluation that resulted in one Finding. In September 2023, RWAP received and is in the process of reviewing the generator’s CAP. (please see August - September 2023 Monthly Reports for more information)
- Update from previous report – Oak Ridge, TN generator: In August 2023, RWAP conducted a facility evaluation that resulted in one Finding. In September 2023, RWAP submitted its final report, and the generator has 30 days to respond to the Finding. (please see September 2023 Monthly Report for more information)
- Update from previous report – Pantex, TX generator: In August 2023, RWAP conducted a facility evaluation that resulted in one Finding. In September 2023, RWAP conducted a surveillance to specifically verify the closure objective evidence submitted by the generator in response to the Finding from the August 2023 facility evaluation. (please see September 2023 Monthly Reports for more information)
- In the month of September 2023, RWAP conducted two facility evaluations:
 - West Valley, NY generator: A facility evaluation that resulted in no Findings.
 - Pantex, TX generator: A facility evaluation specifically to review closure objective evidence regarding the August 2023 Finding that resulted in no additional Findings.
- In the month of October 2023, RWAP will conduct three facility evaluations.
- In the month of October 2023, approximately 82,280 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 2023, development of the Corrective Action Decision Document/Corrective Action Plan for the Pahute Mesa CAUs continued. Resolution of State of Nevada Division of Environmental Protection (NDEP’s)

comments on the Calendar Year 2022 UGTA Annual Sampling Letter Report was completed. Collection of groundwater samples from Pahute Mesa wells 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 NDEP in June 2021. In September 2023, preparation of the facility for eventual demolition continued, and will continue in October 2023.



EMAD Panorama

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. Preparation of the Closure Report continued in September 2023 and will continue in October 2023; the Closure Report milestone has been postponed from September 2023 and is now due in December 2023.

CAU 577, Area 5 Chromium Contaminated Waste Disposal Cells

CAU 577 comprises five CASs located at the Area 5 Radioactive Waste Management Complex (RWMC). In September 2023, preparation of the second Addendum to the Closure Report for CAU 577 continued and was submitted to NDEP. The Addendum includes information about the closure of CAS 05-21-06 in CAU 577.

CAU 578, Miscellaneous Inactive Sites

CAU 578 comprises eleven CASs on the NNSS. The SAFER Plan was submitted to and approved by NDEP in June 2023. Closure work at the CASs occurred in September 2023 and will continue in October 2023.

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 2022 annual inspections will continue through calendar year 2023. The annual post-closure inspections began in July 2023 and will continue through the calendar year.

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 September 2023, quarterly inspections were conducted; in October 2023, required repairs and maintenance identified during the September 2023 inspections will be performed.

Groundwater Post-Closure Monitoring

In September 2023, finalization of the Draft Addendum to the Closure Report for CAU 98, Frenchman Flat, continued.

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 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. The NSSAB will provide input on this topic in November 2023.