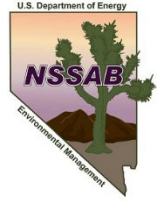




**Environmental Management (EM)
Nevada Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
May 2023**



External Affairs

- NSSAB:
 - Hosted NSSAB Full Board Meeting via hybrid format in Mesquite, NV, including social media, news release, and newspaper (online and print) advertising for promotion – April 19, 2023
 - NSSAB featured in article and social media, *Top EM Leaders, Stakeholders from Eight Cleanup Sites Discuss Mission Work*, in EM Updates on April 11, 2023, can be accessed [here](#).
- Events/Stakeholders Meetings:
 - Hosted business meetings and a tour of the Nevada National Security Site (NNSS) for the Low-Level Waste (LLW) Disposal Facility Federal Review Group – April 18 - 20, 2023
 - Hosted EM Nevada Program Intergovernmental Meeting via hybrid format in Mesquite, NV (NSSAB leadership attended) – April 19, 2023
 - Presented groundwater demonstration during Earth Day event in Pahrump, NV – April 22, 2023 (see photos on page 4)
 - Presented and attended the Devils Hole Workshop in Amargosa Valley, NV (NSSAB members attended) – April 26 – 28, 2023
- Publications:
 - The current *EM Strategic Vision: 2022-2032* can be accessed [here](#). NNSS is featured on pages 37-39. [standing item]
- Planned activities for May 2023:
 - Host Program meetings, field visit of the NNSS, and visit to the Atomic Museum for Jeffrey Avery, Principal Deputy Assistant Secretary (EM-2) and Kristen Ellis, Acting Associate Principal Deputy Assistant Secretary (EM-4) from U.S. Department of Energy EM Headquarters (NSSAB leadership to meet with EM-2 and EM-4) – May 1 – 4, 2023
 - Host business meetings and a tour of the NNSS for the State and Tribal Governments Working Group and National Association of Attorney Generals – May 2 – 4, 2023
 - Present groundwater demonstration during “Science Be With You” event at the Atomic Museum – May 4, 2023
 - Host meetings and a tour of the NNSS for Waste Generators Workshop for contractors and federal staff supporting waste generator sites with approved NNSS waste certification programs – May 8 – 11, 2023
 - Host LLW Stakeholders Forum via hybrid format in Las Vegas, NV (NSSAB representative to attend) – May 16, 2023

- Host NSSAB tour of the Engine Maintenance Assembly and Disassembly (EMAD), Test Cell C Facilities, and Mercury Fire Station 1 – May 17, 2023
- Host quarterly partnering session with EM Consolidated Business Center, EM Nevada Program and Navarro senior staff at the Molasky Corporate Center, Las Vegas, NV – May 24, 2023

Waste Disposal and Transportation

- The fiscal year 2023 Waste Volume Report for the second quarter (January - March 2023) is available at <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- Update from previous reports – Gainesville, FL generator. In February 2023, the Radioactive Waste Acceptance Program (RWAP) conducted a facility evaluation that resulted in two Findings. In March 2023, RWAP issued its final report. In April 2023, RWAP approved the generator’s request to extend the deadline for its response to May 2023. (please see March – April 2023 Monthly Reports for more information).
- Update from previous reports – Erwin, TN generator. In May 2022, RWAP conducted a facility evaluation that resulted in one Finding. In September 2022, the generator submitted its corrective action plan (CAP) that was reviewed and approved by RWAP. The generator submitted a position paper to the U.S. Nuclear Regulatory Commission (NRC) for review. In April 2023, NRC concurred with the RWAP Finding. The RWAP Contracting Officer Manager met with the generator regarding a path forward. The generator cannot ship this specific waste stream for disposal until the Finding is closed. (please see June – July 2022 and September – October 2022 Monthly Reports for more information)
- In the month of April 2023, RWAP conducted two facility evaluations:
 - Niskayuna, NY generator: An onsite facility evaluation that resulted in no Findings.
 - Oak Ridge, TN generator. An onsite facility evaluation that resulted in no Findings.
- In the month of May 2023, RWAP will conduct two facility evaluations.
- In the month of May 2023, approximately 90,819 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 April 2023, the State of Nevada Division of Environmental Protection (NDEP) approved completion of the External Peer Review for Pahute Mesa. A request to proceed to the Corrective Action Decision Document/Corrective Action Plan phase of the UGTA Federal Facility Agreement and Consent Order (FFACO) strategy was submitted to NDEP. Planning for preparation of the Corrective Action Decision Document/Corrective Action Plan 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 April 2023, preparation of the facility for eventual demolition continued, and will continue in May 2023.

CAU 572, Test Cell C 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 April 2023, preparation of the facility for eventual demolition continued, and will continue as access allows.

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 in 2023.

RCRA Post-Closure Monitoring Sites

The RCRA Post-Closure Monitoring Sites include six CAUs where post-closure inspections, monitoring, and maintenance were performed in accordance with the RCRA Permit and closure requirements. In April 2023, required repairs and maintenance identified during the March 2023 quarterly inspections were performed.

Groundwater Post-Closure Monitoring

In April 2023, NDEP comments on the calendar year 2022 Letter Report for All Closed Groundwater CAUs were received and are being addressed.



April 22, 2023. The EM Nevada Program was well-represented at an Earth Day celebration in Pahrump, NV. Senior Hydrogeologist Jeff Wurtz spent much of the day demonstrating to attendees a groundwater flow model commonly referred to as an “ant farm.” The demonstration was well-received on a day when a large turnout showed up to celebrate Earth Day in the rural desert community.