

**Environmental Management (EM)
Nevada Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
February 2020**

External Affairs

- NSSAB
 - Hosted NSSAB Full Board meeting in Pahrump, NV – January 15, 2020
- Publications:
 - Ongoing social media campaign – 20 posts on Facebook, 14 original tweets on Twitter, and seven videos on YouTube
 - Published updated *Radioactive Waste Acceptance Program* fact sheet
 - Published updated *Waste Disposal at the Nevada National Security Site* fact sheet
 - Distributed Operation Clean Desert posters and learning program books to Amargosa Valley Library, Beatty Library, and Pahrump Community Library
- Ongoing exhibits:
 - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Goldfield Library, Central Nevada Museum in Tonopah, NV, and Pahrump Valley Museum in Pahrump, NV
- Events/Stakeholders Meetings:
 - Conducted groundwater demonstration for Beatty High school students in Beatty, NV – January 9, 2020
 - Hosted EM Nevada Program Intergovernmental Liaisons regularly-scheduled meeting in Pahrump, NV (NSSAB leadership attended) – January 15, 2020
 - Presented EM Nevada Program mission update to Nye County Commission in Pahrump, NV – January 22, 2020
- Nevada National Security Site (NNSS) Tours:
 - Hosted public tour of NNSS that included Area 5 Radioactive Waste Management Complex (RWMC) – January 28, 2020
 - Hosted tour of NNSS that included Area 5 RWMC for U.S. Department of Energy’s Immediate Office of Technology Transition and Remote Sensing Lab employees – January 30, 2020
- Planned activities for February 2020:
 - Participate in 2020 Nevada State Science Teachers Association Southern Nevada conference and distribute Operation Clean Desert learning materials – February 1, 2020
 - Host Low-level Waste Stakeholders Forum meeting in Pahrump, NV – February 5, 2020
 - Publish 2019 Year in Review article via EM News Flash and/or EM Update
 - Publish updated *Transporting Waste to the NNSS* fact sheet
 - Publish updated *Waste Generator Services & Technical Support* fact sheet

Waste Disposal and Transportation

- The Transportation Report for fiscal year 2019 – 4th Quarter (July – September 2019) is available online: <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- Update from previous months’ reports – Y-12 National Security Complex (Y-12), Oak Ridge, TN generator: The EM Nevada Program continues to coordinate with U.S. Department of Energy (DOE) Headquarters and

the National Nuclear Security Administration on items related to the Y-12 waste event from July 2019. The Radioactive Waste Acceptance Program (RWAP) replaced the facility evaluation with an assist visit in January 2020. In an assist visit, the scope changed from evaluation to assistance in reviewing the generator's corrective action objective evidence packages. RWAP has not rescheduled the facility evaluation. Y-12 cannot ship waste to the NNSS until it satisfactorily undergoes an RWAP facility evaluation. (please see April – May 2019, July 2019 – January 2020 NSSAB Monthly Reports for more information)

- Update from previous months' reports - Idaho Falls, ID generator: In October 2019, a facility evaluation resulted in one Finding. The generator submitted its corrective action plan (CAP) to RWAP that was accepted. The generator will complete the CAP in April 2020. (please see November 2019, January 2020 NSSAB Monthly Reports for more information)
- In January 2020, RWAP conducted two facility evaluations:
 - Chicago, IL generator: The facility evaluation resulted in no Findings.
 - Portsmouth, OH generator: The facility evaluation resulted in one Finding. The generator has 30 days to respond after RWAP issues its report.
- Update from previous months' reports - In December 2019, drilling began for a new Resource Conservation and Recovery Act (RCRA) monitoring well required by the mixed low-level waste (MLLW) permit. Drilling was completed the end of January 2020. (please see December 2019 – January 2020 NSSAB Monthly Reports for more information)
- In February 2020, RWAP will conduct two facility evaluations.
- In February 2020, approximately 87,031 cubic feet of LLW, MLLW, and classified waste is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat/Climax Mine

Work on the Closure Report (CR) continued in January 2020 and will continue in February 2020. Groundwater sampling was completed in January 2020.

CAU 99, Rainier Mesa/Shoshone Mountain

State of Nevada Division of Environmental Protection (NDEP) comments on the revision to the CR were received, and a comment resolution meeting was held in January 2020. The final revision will be submitted to NDEP in February 2020.

Soils

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one Corrective Action Site (CAS) on the Nevada Test and Training Range. The final CR was approved by NDEP in December 2019. This is the last Soils site for closure under the Federal Facility Agreement and Consent Order. With the approval of the CR, CAU 414 is now considered closed.

Industrial Sites

CAU 577, Area 5 Chromium Contaminated Waste Disposal Cells

CAU 577 comprises five CASs located at the Area 5 RWMC. A draft Corrective Action Decision Document/CAP was submitted to NDEP in September 2019; comment resolution continued in January 2019.

Post-Closure Monitoring

Non-RCRA Post-Closure Monitoring Sites

The Non-RCRA Post-Closure Monitoring Sites include CASs where post-closure inspections and maintenance are performed in accordance with closure requirements. Maintenance identified during the December 2019 annual inspections will continue throughout the calendar year.

RCRA Post-Closure Monitoring Sites

The RCRA Post-Closure Monitoring Sites include six CAUs where post-closure inspections, monitoring, and maintenance are performed in accordance with the RCRA Permit and closure requirements. In January 2020, irrigation of the CAU 111 revegetation test plots continued and will continue in February 2020. The quarterly inspections of the RCRA sites were conducted in December 2019, and maintenance identified was performed in January 2020 and will continue in February 2020.

CAU 98, Frenchman Flat

Annual post-closure sampling began in January 2020 and will continue in February 2020.