

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

External Affairs

- Publications:
 - Ongoing social media campaign – 23 posts on Facebook, 17 original tweets on Twitter, and five videos on YouTube (including *Jan 2019 NSSAB Educational Session – New Generators: Start to Finish Overview* video at <https://www.youtube.com/watch?v=eZciV2Gn76s&feature=youtu.be>)
- 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:
 - Participated in panel discussion on National Nuclear Security Administration (NNSA) Legacy Remediation Programs at PermaFix Waste Management Forum – December 3, 2019
- Nevada National Security Site (NNSS) Tours:
 - Hosted tour of NNSS that included Area 5 Radioactive Waste Management Complex (RWMC) for Energy Facility Contractors Group Worker Training Group – December 3, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Comprehensive Nuclear-Test-Ban Treaty Organization Youth Group Chapter - Middlebury Institute of International Studies at Monterey, CA – December 5, 2019
 - Hosted public tour of NNSS that included Area 5 RWMC – December 10, 2019
- Planned activities for January 2020:
 - Conduct groundwater demonstration for Beatty High school students in Beatty, NV – January 9, 2020
 - Host EM Nevada Program Intergovernmental Liaisons regularly-scheduled meeting in Pahrump, NV – January 15, 2020
 - Host NSSAB Full Board meeting in Pahrump, NV – January 15, 2020
 - Present EM Nevada Program mission update to Nye County Commission in Pahrump, NV – January 22, 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
 - Publish updated *Radioactive Waste Acceptance Program* fact sheet
 - Publish updated *Waste Disposal at the NNSS* fact sheet
 - Distribute Operation Clean Desert posters and learning program books to Amargosa Valley Library, Beatty Library, and Pahrump Community Library

Waste Disposal and Transportation

- 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 NNSA on items related to the Y-12 waste event from July 2019. The Radioactive Waste Acceptance Program (RWAP) has scheduled a facility evaluation in late January 2020. (please see April – May, July – December 2019 NSSAB Monthly Reports for more information)
- Update from previous months' report – Oak Ridge, TN generator: In April 2019, a facility evaluation resulted in one Finding. The generator submitted the corrective action plan that was reviewed and accepted by the RWAP. The EM Nevada Program closed this Finding in December 2019 (please see May and September - December 2019 NSSAB Monthly Reports for more information)
- Update from a previous month's report - Idaho Falls, ID generator: In October 2019, a facility evaluation resulted in one Finding. RWAP issued its report in December 2019, and the generator has 30 days to respond. (please see November 2019 NSSAB Monthly Report for more information)
- In December 2019, RWAP conducted three facility evaluations:
 - Oak Ridge TN generator #1: The facility evaluation resulted in no Findings.
 - Oak Ridge TN generator #2: The facility evaluation resulted in no Findings.
 - Los Alamos, NM generator: The facility evaluation resulted in no Findings.
- 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. Due to sluffing of the well walls, drilling was stopped, and the hole was filled with concrete. A new drilling method is scheduled to begin in January 2020 using drilling mud to prevent sluffing. (please see December 2019 NSSAB Monthly Report for more information)
- In January 2020, RWAP will conduct three facility evaluations.
- In January 2020, approximately 75,147 cubic feet of LLW, MLLW, and classified waste is forecasted for disposal at the NNS.

Underground Test Area (UGTA)

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

The Closure Report is being drafted; groundwater sampling occurred in December 2019.

CAU 99, Rainier Mesa/Shoshone Mountain

A revision to the Closure Report was submitted to the State of Nevada Division of Environmental Protection (NDEP) in December 2019; comments are expected in January 2020, and a comment resolution meeting will be held.

Soils

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one Corrective Action Site (CAS) on the Nevada Test and Training Range. In December 2019, revegetation activities were completed at Clean Slates II and III. The final Closure Report was submitted to NDEP in December 2019.

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/Corrective Action Plan was submitted to NDEP in September 2019; comment resolution continued in December 2019.

Post-Closure Monitoring

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. The annual inspections were completed in December 2019.

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 December 2019, irrigation of the CAU 111 revegetation test plots continued and will continue in January 2020. The quarterly inspections of the RCRA sites were conducted in December 2019, and maintenance identified will be performed in January 2020.

CAU 98, Frenchman Flat

Annual post-closure sampling will be conducted in January 2020.