

**Environmental Management (EM)
Nevada Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
November 2019**

External Affairs

- NSSAB:
 - Hosted an NSSAB annual work plan tour of the Nevada National Security Site (NNSS) – October 3, 2019
 - Attended EM SSAB National Chairs Meeting in Sun Valley, ID – October 28-30, 2019
- Publications:
 - Ongoing social media campaign – 24 posts on Facebook, 20 original tweets on Twitter, and one video on YouTube
 - Published *Nevada Crews Meet Regulatory Commitment, Improve Waste Disposal* article via EM Update – October 1, 2019
 - Published *Join Us for a Groundwater Open House* notification via EM News Flash – October 16, 2019
 - Published *EM Nevada Program Expects Office Move to Save At Least \$3.2 Million* article via EM Update – October 22, 2019
 - Published *NSSAB 2019 Year in Review* article in EM News Flash – October 23, 2019
- Outreach:
 - Distributed 202 Operation Clean Desert educational books to Groundwater Open House attendees and the Frank Rogers Public Reading Room in Las Vegas, NV
- Ongoing exhibits:
 - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Amargosa Valley Library, Goldfield Library, Central Nevada Museum in Tonopah, NV, and Pahrump Valley Museum in Pahrump, NV
 - EM kiosk – Located at National Atomic Testing Museum Public Reading Room
- Events/Stakeholders Meetings:
 - Hosted 2019 Groundwater Open House in Beatty, NV (NSSAB Members in attendance) – October 17, 2019
 - Presented EM Overview at the Western Governors' Association meeting – October 22, 2019
- NNSS Tours:
 - Hosted tour of NNSS that included Area 5 Radioactive Waste Management Complex (RWMC) for Regency Community Group – October 9, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Los Alamos National Laboratory Waste Management Program – October 9, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Summerlin Travel Club – October 10, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Western History Association – October 16, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for American Chemical Society, College of Southern Nevada – October 17, 2019
 - Hosted public tour of NNSS that included Area 5 RWMC – October 22, 2019

- Hosted tour of NNSS that included Area 5 RWMC for Oak Ridge Y-12 staff – October 22, 2019
- Hosted tour of NNSS that included Area 5 RWMC for American Nuclear Society – Reno Student Chapter – October 28, 2019
- Planned activities for November 2019:
 - Publish EM NV 2019 Year in Review article in EM News Flash and/or EM Update
 - Publish Groundwater Open House recap article in EM News Flash and/or EM Update
 - Host Low-level Waste Stakeholders Forum meeting in Las Vegas, NV (NSSAB representative to attend) – November 6, 2019
 - Host an intergovernmental meeting in Las Vegas, NV (NSSAB leadership to attend) – November 13, 2019
 - Host an NSSAB Full Board Meeting in Las Vegas, NV – November 13, 2019
 - Participate in 2019 Intergovernmental Meeting in Nashville, TN – Week of November 19, 2019
 - Host a meeting with William (Ike) White, Senior Advisor to EM to the Under Secretary for Science (EM-1), and other EM HQ staff with Nevada Intergovernmental Liaisons (including Nye County, Clark County, and the Spokesperson for the Consolidated Group of Tribes and Organizations) in Nashville, TN – November 20, 2019
 - Host Waste Coordination Leadership Group meeting/presentation with State of Nevada in Nashville, TN – November 20, 2019

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. (please see April – May, July – October 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 Radioactive Waste Acceptance Program (RWAP). The EM Nevada Program anticipates closing the Finding in November 2019 (please see May and September - October 2019 NSSAB Monthly Reports for more information)
- Update from previous month's report - Los Alamos, NM generator: The facility evaluation resulted in two Findings. The EM Nevada Program sent the report to the generator in October 2019. The generator has 30 days to respond after RWAP issues its report, although the generator has already requested a 90-day extension that RWAP is considering. (please see September 2019 NSSAB Monthly Report for more information)
- Update from previous month's report – Oak Ridge, TN generator: The facility evaluation resulted in three Findings. The EM Nevada Program sent the report to the generator in October 2019. The generator has 30 days to respond after RWAP issues its report. (please see October 2019 NSSAB Monthly Report for more information)
- In October 2019, RWAP conducted one facility evaluation:
 - Idaho Falls, ID generator: The facility evaluation resulted in one Finding. The generator has 30 days to respond after RWAP issues its report.
 - The other scheduled facility evaluation was postponed until later in fiscal year 2020.

- In November 2019, RWAP will conduct one facility evaluation.
- In November 2019, approximately 92,712 cubic feet of LLW, mixed LLW, and classified waste is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

For all UGTA Corrective Action Units (CAUs), the calendar year 2018 Annual Sampling Report was submitted to the State of Nevada Division of Environmental Protection (NDEP) in August 2019 with comments returned in October 2019, and comment resolution will commence in November 2019.

Corrective Action Unit (CAU) 97, Yucca Flat

In October 2019, work continued on revising the CAU regulatory boundaries and use restriction boundaries that will be proposed to NDEP in November 2019.

CAU 99, Rainier Mesa/Shoshone Mountain

The Closure Report was submitted to NDEP in August 2019 with comments returned in October 2019, and comment resolution will commence in November 2019.

CAUs 101/102, Pahute Mesa

Groundwater sampling for fiscal year 2020 began in October 2019 and will continue through the fiscal year.

Soils

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one Corrective Action Site (CAS) on the Nevada Test and Training Range. Clean Slates II and III are currently being revegetated. The final Closure Report is due 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 with comments returned in October 2019.

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 are performed in accordance with closure requirements. The annual inspections will continue through 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 October 2019, irrigation of the CAU 111 revegetation test plots continued and will continue in November 2019. The quarterly inspections of the RCRA sites will be conducted in December 2019.