

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

External Affairs

- NSSAB:
 - Hosted an NSSAB Full Board Meeting in Las Vegas, NV – September 18, 2019
- Publications:
 - Ongoing social media campaign – 16 posts on Facebook, 15 original tweets on Twitter, 11 photos on Flickr, and two videos on YouTube
 - Published *Nevada Program Safely Completes Soils Mission* article in special edition EM 30th Anniversary EM Update – September 12, 2019
 - Published *EM Nevada Program Hosts Groundwater Information Exchange* article in EM Update (97,386 recipients) – September 24, 2019
- 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:
 - Attended RadWaste Summit 2019 in Henderson, NV (two NSSAB members attended) – September 3-5, 2019
 - Participated in EM National Cleanup Workshop in Alexandria, VA (NSSAB Chair attended) – September 10-12, 2019
 - Hosted an intergovernmental meeting in Las Vegas, NV – September 18, 2019
- Nevada National Security Site (NNSS) Tours:
 - Hosted tour of NNSS that included Area 5 Radioactive Waste Management Complex (RWMC) for Huntington Ingalls Industries – September 3, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Battelle Energy Alliance and Marcom RadWaste Summit staff – September 5, 2019
 - Hosted public tour of NNSS that included Area 5 RWMC – September 24, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Nevada Field Office new hires – September 25, 2019
- Planned activities for October 2019:
 - Publish *Nevada Crews Meet Regulatory Commitment, Improve Waste Disposal* article in EM Update – October 1, 2019
 - NSSAB annual work plan tour of the NNSS – October 3, 2019
 - Host 2019 Groundwater Open House in Beatty, NV – October 17, 2019
 - Present EM Overview at the Western Governors’ Association meeting – October 22, 2019
 - Host tour of the NNSS for EM HQ Senior Leadership – October 23, 2019
 - NSSAB members to attend EM SSAB National Chairs Meeting in Sun Valley, ID – October 28-30, 2019
 - Publish EM NV move article in EM News Flash and/or EM Update

- Publish EM NV 2019 Year in Review article in EM News Flash and/or EM Update
- Publish NSSAB 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

Waste Disposal and Transportation

- The Waste Volume Report for fourth quarter (July – September 2019) for fiscal year 2019 is available at <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: In March 2019, a facility evaluation resulted in one Finding. The generator is completing its corrective actions associated with the facility evaluation. As a result of the July 3, 2019 Finding, the generator is suspended from disposing waste at the NNSS. Although Y-12 appropriately characterized the waste as low-level waste (LLW), Y-12 violated the NNSS Waste Acceptance Criteria by shipping pressurized containers for disposal at the NNSS. As a result, the EM Nevada Program issued Y-12 two Findings. Y-12 responded by developing corrective action plans that are currently under review by the EM Nevada Program. (please see April – May, July – September 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 has submitted the corrective action plan that was reviewed by the Radioactive Waste Acceptance Program (RWAP). The EM Nevada Program anticipates closing the Finding in October 2019 (please see May and September 2019 NSSAB Monthly Reports for more information)
- In September 2019, RWAP conducted two facility evaluations:
 - Oak Ridge, TN generator #1: The facility evaluation resulted in no Findings.
 - Oak Ridge, TN generator #2: The facility evaluation resulted in three Findings. The generator has 30 days to respond after RWAP issues its report.
 - Oak Ridge, TN generator #3: The facility evaluation was postponed until fiscal year 2020.
- In October 2019, RWAP will conduct two facility evaluations.
- In October 2019, approximately 80,765 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 NDEP in August 2019 with a response expected in October 2019.

CAU 97, Yucca Flat

In September 2019, work continued on revising the CAU regulatory boundaries and use restriction boundaries and will continue in October 2019.

CAU 99, Rainier Mesa/Shoshone Mountain

The Closure Report was submitted to NDEP in August 2019 with a response expected in October 2019.

CAUs 101/102, Pahute Mesa

Groundwater sampling for fiscal year 2019 concluded in September 2019. Sampling for fiscal year 2020 will begin 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. The final Closure Report is due to NDEP in December 2019.



The final Clean Slate III shipment is lifted off a truck for permanent disposal at the NNSS Area 3 Radioactive Waste Management Site.

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 a response expected 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 September 2019, irrigation and the final 2019 monthly inspection of the CAU 111 revegetation test plots continued; irrigation will continue in October 2019. The quarterly inspections of the RCRA sites were conducted in September 2019 that identified the repairs and maintenance needed that will be conducted in October 2019.