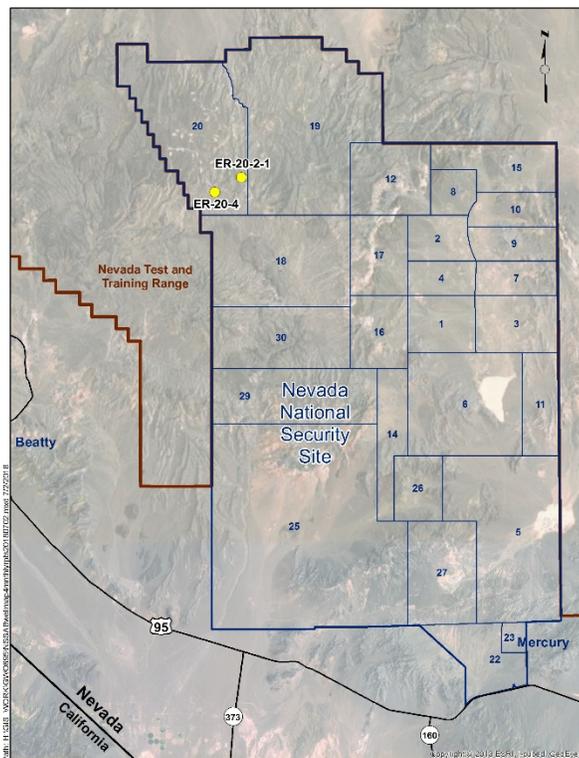


**Environmental Management (EM)
Nevada Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
July 2018**

Waste Disposal and Transportation

- Update from previous months' reports – In July 2017, the EM Nevada Program received a Resource Conservation and Recovery Act (RCRA)-permit modification granted by the State of Nevada Division of Environmental Protection (NDEP) that allows for the construction of a new mixed low-level waste (MLLW) cell at the Nevada National Security Site (NNSS). In May 2018, NDEP issued approval for the new MLLW cell (Cell 25). In June 2018, the Mission Support and Test Services (MSTS) contractor was authorized to use Cell 25. MSTS will be utilizing both MLLW disposal cells until the former cell (Cell 18) is at capacity then actions will begin to permanently close Cell 18. (please see December 2016 – June 2018 NSSAB Monthly Reports for more information)
- Update from previous months' reports - In October 2017, NDEP issued a Finding of Alleged Violation to the Department of Energy (DOE)/National Nuclear Security Administration (NNSA) as a result of the NNSS accepting 93 containers of waste from a generator and disposing as LLW when the containers should have been disposed as MLLW. In May 2018, NDEP issued a Final Findings and Settlement Agreement to the DOE/NNSA. In July 2018, the DOE/NNSA will meet with NDEP to discuss potential Supplemental Environmental Projects to satisfy the Finding. (please see November 2017 – June 2018 NSSAB Monthly Reports for more information)
- Update from previous month's report – Paducah, KY/Portsmouth, OH generator (same generator): In May 2018, a tabletop facility evaluation resulted in one Finding. The Radioactive Waste Acceptance Program (RWAP) report was issued in May 2018. In June 2018, the generator submitted its corrective action plan that was accepted by RWAP. (please see June 2018 NSSAB Monthly Report for more information)
- Update from previous month's report – Upton, NY generator: In May 2018, the facility evaluation resulted in one Finding that led to the suspension of the generator's program. RWAP issued the report in June 2018, and the generator has 30 days to respond (please see June 2018 NSSAB Monthly Report for more information)
- In June 2018, RWAP conducted two facility evaluations:
 - Oak Ridge, TN generator: The facility evaluation resulted in no Findings.
 - Portsmouth, OH generator: The facility evaluation resulted in no Findings.
- In July 2018, RWAP will conduct two facility evaluations.
- In July 2018, approximately 166,480 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

A preemptive review of the model will be conducted in July 2018.

CAU 99, Rainier Mesa/Shoshone Mountain

In June 2018, the External Peer Review panel presented its final report to the UGTA team, EM Nevada Program, and NDEP (two NSSAB members observed). In July 2018, a meeting will be held with the UGTA team, EM Nevada Program, and NDEP to determine a path forward.

CAUs 101/102, Pahute Mesa

In June 2018, groundwater samples were collected at well ER-20-4. Mobilization to well ER-20-2-1 began in June 2018, and pumping and sampling will occur in July 2018. Development of the Corrective Action Investigation Plan continued in June 2018 and will continue in July 2018.

Post-Closure Monitoring

Non-RCRA Post-Closure Monitoring Sites

The Non-RCRA Post-Closure Monitoring Sites include Corrective Action Sites (CASs) where post-closure inspections and maintenance are performed in accordance with closure requirements. Annual inspections were completed in December 2017; repairs and maintenance will be performed in fiscal year 2018.

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 June 2018, irrigation of the test plots for revegetation continued, as well as monthly inspections of the plots. Monitoring and irrigation will continue in July 2018. The quarterly inspections were also conducted in July 2018.

Soils

CAU 413, Clean Slate II Plutonium Dispersion

CAU 413 comprises one CAS on the Nevada Test and Training Range. Field work continued in June 2018 and will continue in July 2018. There were 50 waste shipments containing 100 waste packages transported to the Area 5 Radioactive Waste Management Complex (RWMC) in June 2018. At the end of June 2018, 161 shipments for a volume of approximately 78,000 cubic feet have been shipped and disposed at the RWMC. There are currently 45 bags of soil/debris ready for shipment. Field crews have completed size-reducing concrete and rebar debris and are currently filling bags with contaminated soil.

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one CAS on the Nevada Test and Training Range. The CADD/CAP was approved by NDEP in January 2018. Field work will consist of removal and disposal of contaminated soil above action levels at the Area 5 RWMC and will commence when field work at CAU 413 is complete. The road to the site and the staging area are currently being improved to support the truck shipments.

CAU 575, Area 15 Miscellaneous Sites

CAU 575 comprises four CASs related to historical nuclear testing. In June 2018, development of the Closure Report (CR) continued and will continue in July 2018. The CR due date to NDEP has been extended for stakeholder review with a new due date to be determined.

CAU 576, Miscellaneous Radiological Sites and Debris

CAU 576 comprises six CASs related to historical nuclear testing. Development of the CADD and corrective action alternatives (CAA) and cultural resource documentation continued in June 2018. A CAA meeting was held in April 2018 with NDEP that resulted in additional questions that were answered by the EM Nevada Program. The EM Nevada Program is awaiting a response from NDEP.

External Affairs:

- Publications:
 - Ongoing social media campaign – 16 original posts on Facebook and 15 original tweets on Twitter
 - Published *Planning and Communication Paves the Way for Cleanup of Nevada Clean Slate Sites* article to the NNSS News website:
http://nnss.gov/pages/News/news_AprJune2018.html#SocMedia67
 - Published *EM Set to Complete Cleanup at One Nevada Site, Begin Work at Another* article via EM Update (EM HQ online newsletter delivered to 77,714 subscribers)
- 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:
 - Participated in the National Transportation Stakeholder Forum conference in Omaha, NE, June 5-7, 2018
 - Participated in the quarterly Emergency Preparedness Working Group (EPWG) in Las Vegas, NV meeting – June 7, 2018
- Outreach:
 - Provided 100 Operation Clean Desert activity books, 10 Operation Clean Desert teacher's guides and 10 Operation Clean Desert CDs to the Nevada Department of Wildlife
- NNSS Tours:
 - Hosted tour of the NNSS that included Area 5 RWMC for MSTs new hires – June 6, 2018

- Hosted tour of the NNSS that included Area 5 RWMC for MSTs Program Integration staff – June 7, 2018
- Hosted tour of the NNSS that included Area 5 RWMC for Huntington Ingalls – June 14, 2018
- Hosted public tour of the NNSS that included Area 5 RWMC – June 19, 2018
- Hosted a tour of EM Nevada Program sites for the EM Consolidated Business Center – June 19, 2018
- Planned activities for July 2018:
 - NSSAB to host a Community Analysis Committee meeting for work plan item #7 in Las Vegas, NV – July 9, 2018
 - EM Nevada Program to conduct an intergovernmental meeting with NSSAB Liaisons and NSSAB leadership in Pahrump, NV – July 18, 2018
 - NSSAB to host a Full Board Meeting in Pahrump, NV – July 18, 2018
 - Participate in the EPA Community Involvement Conference – July 18-19, 2018
 - Present an EM Overview briefing at the Community Environmental Monitoring Program (CEMP) workshop – July 25, 2018
 - Publish updated fact sheets on *Radioactive Waste Acceptance Program, Transporting Radioactive Waste and Environmental Restoration*