

Environmental Management (EM) Nevada Program Activities
Monthly Report to the NSSAB
October 2017

Waste Disposal and Transportation

- The third quarter (April – June 2017) transportation report for fiscal year (FY) 2017 is available at <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- 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). Construction started mid-September 2017 and is scheduled to continue through February 2018. The replacement cell is projected to be operational by late winter or early spring 2018. (please see December 2016 – September 2017 NSSAB Monthly Reports for more information).
- Update from previous months' reports – Erwin, TN, generator: In July 2017, the State of Tennessee issued a consent order to the generator for RCRA violations regarding the shipment of MLLW to the NNSS that was not properly characterized. The generator has sent its responses to the remaining open observations for Radioactive Waste Acceptance Program's (RWAP's) review and cannot ship waste to the NNSS until closed. (please see July 2016 - September 2017 NSSAB Monthly Reports for more information)
- Update from previous months' report - Oak Ridge, TN generator (second generator): The facility evaluation resulted in one Finding. The generator has until mid-October 2017 to respond. There has been no change in status. (please see August - September 2017 NSSAB Monthly Reports for more information).
- In September 2017, RWAP conducted the following facility evaluations:
 - San Diego, CA generator: The facility evaluation resulted in no Findings.
 - Los Alamos, NM generator: The facility evaluation resulted in no Findings. NDEP observed this facility evaluation
- In October 2017, RWAP will conduct two facility evaluations.
- In October 2017, approximately 190,015 cubic feet of LLW, MLLW, and classified waste is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 99, Rainier Mesa/Shoshone Mountain

The Flow and Transport Model document was in preemptive review in September 2017 and will continue in October 2017.

CAUs 101/102, Pahute Mesa

Sampling at well ER-20-8 was completed in September 2017. Sampling at well ER-EC-11 was conducted in September 2017 and will continue in October 2017.

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. Required repairs and maintenance identified in the annual inspections will be performed throughout fiscal year 2017. Annual inspections will begin in October 2017.

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. The quarterly and semi-annual inspections were performed in September 2017.

Soils

CAU 413, Clean Slate II Plutonium Dispersion

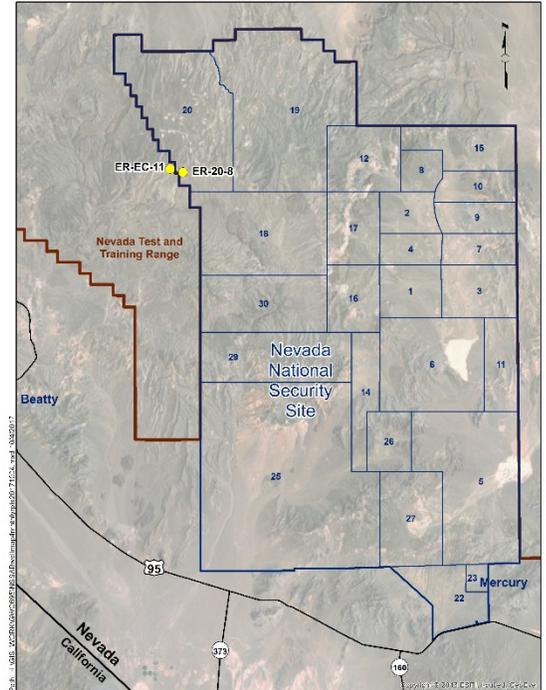
CAU 413 comprises one CAS on the Nevada Test and Training Range. The Corrective Action Decision Document/Corrective Action Plan (CADD/CAP) was approved by NDEP in June 2017. Preparation for field work continued in September 2017. Field work is expected to begin in October 2017.

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one CAS on the Nevada Test and Training Range. Preparation of the CADD/CAP continued in September 2017. The CADD/CAP is due to NDEP in December 2017.

CAU 575, Area 15 Miscellaneous Sites

CAU 575 comprises four CASs related to historical nuclear testing. In September 2017, development of the Closure Report (CR) continued and will continue in October 2017. The CR is due to NDEP in May 2018.



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 (CAAs) continued in September 2017. The CAAs are the various alternatives for closure of a CAU; one will be selected as the path forward and presented in the CADD. A CAA meeting was held with NDEP in September 2017, and it was determined more cultural resource work is necessary.

External Affairs:

- NSSAB:
 - NSSAB hosted a Full Board Meeting in Las Vegas, Nevada – September 20, 2017
- Publications:
 - Ongoing social media campaign – 23 original posts on Facebook, 16 original tweets on Twitter and 3 videos posted to YouTube
 - Published *NNSS Cleanup By the Numbers* poster via HQ EM Newsletter (~54,000 subscribers)
- Ongoing exhibits:
 - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Amargosa Valley Library, Goldfield Library, Central Nevada Museum in Tonopah, Nevada, and Pahrump Valley Museum in Pahrump, Nevada
 - EM kiosks – located at National Atomic Testing Museum Public Reading Room and UNLV Lied Library in Las Vegas, Nevada
- Events/Stakeholders Meetings:
 - Attended the RadWaste Summit in Las Vegas, Nevada (2 NSSAB members in attendance) – September 5-7, 2017
 - Attended National EM Clean Up Workshop in Washington, DC – September 12-14, 2017
 - EM Nevada Program conducted an intergovernmental meeting in Las Vegas, Nevada – September 20, 2017
 - Attended CHOLLA (Connecting Hands: Offering Lifelong Learning Adventures) education group meeting – September 20, 2017
 - Hosted Pahrump Valley High School/UNLV Gear Up NNSS tour focusing on (Science, Technology, Engineering and Math) STEM (EM NV Program speakers were Wilborn, Lantow, Carilli, Hergert, Sanchez and Klein) – September 28, 2017
- Outreach:
 - Operation Clean Desert learning materials distributed to four (4) schools and the Rogers Reading Room (506 activity books, 22 teacher guides with CDs)
- Planned activities for October 2017:
 - NSSAB Chair, Vice-Chair, and an NSSAB Member to attend the national EM SSAB National Chairs' Meeting in Hanford, Washington – October 16 – 19, 2017
 - NSSAB annual work plan tour of the NNSS – October 25, 2017
 - EM Nevada Program to conduct quarterly meeting with NDEP and NSSAB Leadership in Las Vegas, Nevada – October 30, 2017