

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

Waste Disposal and Transportation

- The Transportation Report for fiscal year 2017 second quarter is available online at <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- The Waste Volume Report for fiscal year 2017 second quarter is available online at <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- Update from previous months' reports – the EM Nevada Program is in the process of applying for a Resource Conservation and Recovery Act (RCRA)-permit modification that would allow for the construction of a new mixed low-level waste (MLLW) cell at the Nevada National Security Site (NNSS). The EM Nevada Program formally responded to the technical review comments from the State of Nevada Division of Environmental Protection (NDEP). If the permit modification is approved, construction is planned to begin the fourth quarter of fiscal year 2017 and operational by late winter or early spring 2018. (please see December 2016 – April 2017 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Erwin, TN, generator: The generator's program has been suspended based on multiple Findings issued stemming from concerns first identified in March 2016. The generator will brief the EM Nevada Program, Radioactive Waste Acceptance Program (RWAP), and NDEP on May 9, 2017 in Las Vegas, NV. After the briefing, the EM Nevada Program, RWAP, and NDEP will evaluate the generator's Corrective Action Plan (CAP). An RWAP audit is scheduled for May 15-18, 2017 to verify the CAP and reassess the generator's NNSS Waste Acceptance Criteria certification. In addition to the RWAP Team, a Nevada Field Office Senior Advisor, the EM Nevada Program EM Manager, and two NDEP regulators will observe the audit. The generator is unable to ship LLW to the NNSS until all Findings are closed by RWAP. (please see July - April 2017 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Portsmouth, OH, generator (second generator): The facility evaluation resulted in one Finding. The generator's contract transition is complete. RWAP has reviewed the CAP and is scheduled to conduct surveillances of the generator, along with a sister generator in Paducah, KY on July 17-20, 2017. These are new generators that have not shipped LLW/MLLW to the NNSS, and there is a hold in place on shipping waste until the Finding is resolved. (please see July – April 2017 NSSAB Monthly Reports for more information)
- In April 2017, RWAP conducted the following facility evaluations:
 - Brookhaven, NY generator: The facility evaluation resulted in two Findings. The generator has 30 days to respond after receiving the final RWAP report.

- The other facility evaluation scheduled for April 2017 was postponed to a date to be determined.
- In May 2017, RWAP will conduct one facility evaluation.
- In May 2017, approximately 105,535 cubic feet of LLW and MLLW is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 98, Frenchman Flat

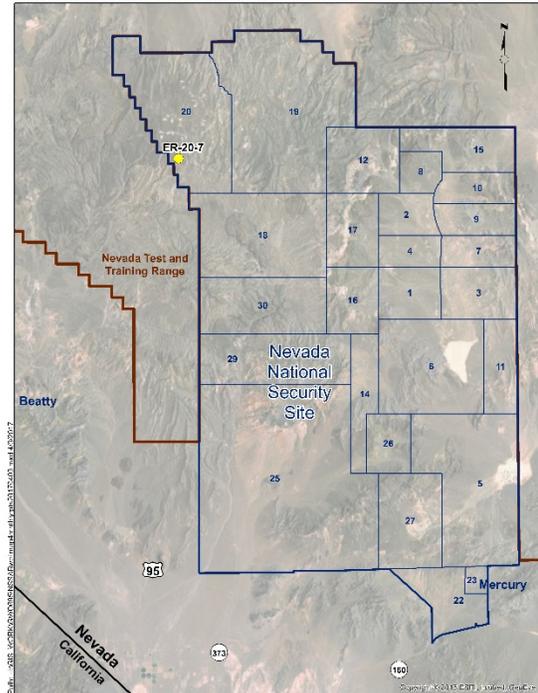
In April 2017, Frenchman Flat annual sampling was completed.

CAU 99, Rainier Mesa/Shoshone Mountain

Sampling of Area 12 Vent Holes will occur in May 2017.

CAUs 101/102, Pahute Mesa

Due to problems with the dedicated submersible pump, demobilization from the ER-20-7 well site was completed in April 2017. Replacement of the pump and pumping and sampling will be rescheduled for later in fiscal year 2017.



Soils and Industrial Sites

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.

Tonopah Testing Range (TTR) Post-Closure Monitoring Sites

The TTR Post-Closure Monitoring Sites include CAUs where post-closure inspections, monitoring, and maintenance are performed on the TTR. The annual inspections are scheduled for May 2017.

CAU 413, Clean Slate II Plutonium Dispersion

CAU 413 comprises one CAS on the Nevada Test and Training Range. Preparation of the Corrective Action Decision Document/Corrective Action Plan (CADD/CAP) continued in April 2017 and will continue in May 2017. The CADD/CAP is due to NDEP in May 2017.

CAU 568, Area 3 Plutonium Dispersion Sites

CAU 568 comprises six CASs related to historical nuclear testing. Preparation of the Closure Report continued in April 2017 and will continue in May 2017. The Closure Report is due to NDEP in June 2017.

CAU 573, Alpha Contaminated Sites

CAU 573 comprises two CASs related to historical nuclear testing. The Closure Report was submitted to and approved by NDEP in April 2017. With the approval of the Closure Report, CAU 573 is now considered to be closed.

CAU 575, Area 15 Miscellaneous Sites

CAU 575 comprises four CASs related to historical nuclear testing. In April 2017, development of the Closure Report continued and will continue in May 2017.

CAU 576, Miscellaneous Radiological Sites and Debris

CAU 576 comprises six CASs related to historical nuclear testing. Field investigation activities continued in April 2017 and will continue in May 2017.

External Affairs:

- **NSSAB:**
 - NSSAB members continued to observe the groundwater internal peer review process for Yucca Flat and Rainier Mesa
 - NSSAB hosted an educational session on *ER-20-12: A Case Study of Corrective Action Investigation in a Challenging Environment* in Las Vegas, Nevada – April 19, 2017
 - EM Nevada Program conducted an intergovernmental meeting with NSSAB liaisons in Las Vegas, Nevada – April 19, 2017
 - EM Nevada Program conducted a meeting with NDEP and NSSAB leadership in Las Vegas, Nevada – April 19, 2017
 - NSSAB hosted a Full Board Meeting in Las Vegas, Nevada – April 19, 2017
- **Publications:**
 - Ongoing social media campaign – 13 original posts on Facebook, 9 original tweets on Twitter, and uploaded 3 videos onto YouTube
 - Published *Defenders of Data: Behind the Scenes at the Nevada Field Office* and *Analyze This: Behind the Scenes at the Nevada Field Office with Milinka Watson-Garrett* articles via the EM Nevada Program electronic mailing list (~5,200 people) and on NNSS.gov and social media
- **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
 - Environmental Management kiosks – located at National Atomic Testing Museum Public Reading Room and UNLV Lied Library in Las Vegas, Nevada

- Outreach:
 - Delivered 730 *Operation Clean Desert* Activity Books and 7 *Operation Clean Desert* Teacher's Guides to: Take Your Kids to Work Day – Office of Environmental Management, Amargosa Valley Elementary/Middle School, Alexander Dawson School Science Night, and Earth Day event at Discovery Park in Pahrump, NV
- Tours:
 - Hosted NDEP tour of NNSS – April 26, 2017
- Planned activities for May 2017:
 - NSSAB members continue to observe the groundwater internal peer review process for Yucca Flat
 - Conduct Clean Slate II activity outreach:
 - Esmeralda County Commissioners meeting in Goldfield, NV – May 2, 2017
 - Nye County Local Emergency Planning Committee meeting in Pahrump, NV – May 3, 2017
 - Beatty Town Advisory Board meeting in Beatty, NV – May 8, 2017
 - LLW Stakeholder Forum meeting in Las Vegas, NV – May 24, 2017
 - Timbisha Shoshone Tribe – TBD
 - U.S. Air Force – May 2017
 - Nye County Commission – June 6, 2017
 - Publish NSSAB diversity article
 - Publish Clean Slate II activity fact sheet
 - NNSS staff and NSSAB members to attend the Devils Hole Workshop in Beatty, Nevada – May 3-5, 2017
 - Host Operation Clean Desert and groundwater demonstration booth at *May the Science Be With You* event at DRI – May 4, 2017
 - NSSAB chair and vice-chair to attend the spring EM SSAB National Chairs' Meeting in Paducah, Kentucky – May 8-11, 2017
 - Participate in Joint Information Center full-scale emergency response exercise at NFO – May 10, 2017
 - Attend Connecting Hands: Offering Lifelong Learning Adventures (CHOLLA) education group meeting – May 17, 2017
 - Conduct LLW Stakeholders Forum in Las Vegas, NV – May 24, 2017 (NSSAB member to attend)