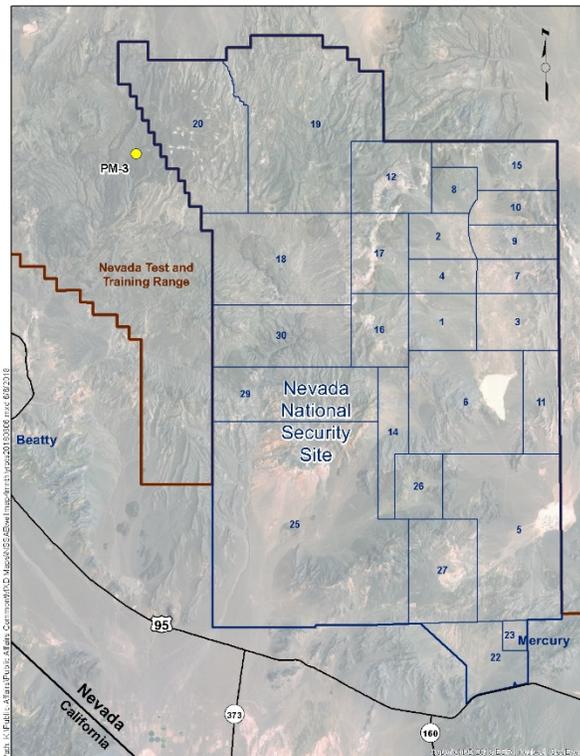


**Environmental Management (EM)  
Nevada Program Activities  
Monthly Report to the  
Nevada Site Specific Advisory Board (NSSAB)  
June 2018**

**Waste Disposal and Transportation**

- The Transportation Report for the second quarter fiscal year (FY) 2018 (January – March 2018) is available online: <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). In May 2018, NDEP issued approval for the new MLLW cell. (please see December 2016 – May 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. The final corrective action plan (CAP) is due to NDEP in June 2018. (please see November 2017 – May 2018 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Livermore, CA generator: In March 2018, a facility evaluation resulted in one Finding. The Radioactive Waste Acceptance Program (RWAP) report was issued in April 2018. In May 2018, the generator submitted a CAP for the Finding that was accepted and closed by RWAP. (please see April 2018 – May 2018 NSSAB Monthly Reports for more information)
- In May 2018, RWAP conducted two facility evaluations:
  - Paducah, KY/Portsmouth, OH generator (same contractor): The tabletop facility evaluation resulted in one Finding. The RWAP report was issued in May 2018, and the generator has 30 days to respond.
  - Upton, NY generator: The facility evaluation resulted in one Finding that led to the suspension of the generator's program. In June 2018, the RWAP report will be issued, and the generator has 30 days to respond.
- In June 2018, RWAP will conduct two facility evaluations.
- In June 2018, approximately 167,266 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 was conducted in May 2018. The next preemptive review will be conducted in July 2018.

### ***CAU 99, Rainier Mesa/Shoshone Mountain***

In June 2018, the External Peer Review panel will present its final report to the UGTA team, EM Nevada Program, and NDEP (two NSSAB members will be observing). A formal comment response is expected in June 2018.

### ***CAUs 101/102, Pahute Mesa***

In June 2018, mobilization to the well PM-3 site will occur, along with pumping and sampling of the well. Development of the Corrective Action Investigation Plan continued in May 2018 and will continue in June 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 May 2018, irrigation of the test plots for revegetation continued, as well as monthly inspections of the plots. Monitoring and irrigation will continue in June 2018. The quarterly inspections will also be conducted in June 2018.

## **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. Field work continued in May 2018 and will continue in June 2018. There were no waste shipments to the Area 5 Radioactive Waste Management Complex (RWMC) in May 2018. Shipments are expected to resume in June 2018 and be complete in July 2018. At the end of May 2018, 111 shipments for a volume of approximately 54,000 cubic feet have been shipped and disposed at the RWMC. There are 108 bags of soil ready for shipment. Field crews are currently size-reducing concrete and rebar debris.

### ***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. Briefings were held in May 2018 to update the US Air Force and Sandia regarding the Clean Slate III project.

### ***CAU 575, Area 15 Miscellaneous Sites***

CAU 575 comprises four CASs related to historical nuclear testing. In May 2018, development of the Closure Report (CR) continued and will continue in June 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 May 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:**

- NSSAB:
  - NSSAB leadership attended EM Site-Specific Advisory Board National Chairs' Meeting in Roswell, NM – May 2-3, 2018
  - NSSAB hosted a Community Analysis Committee meeting for work plan item #7 in Las Vegas, NV – May 16, 2018
  - NSSAB hosted an educational session in Las Vegas, NV – May 16, 2018
  - NSSAB hosted a Full Board Meeting in Las Vegas, NV – May 16, 2018
- Publications:
  - Ongoing social media campaign – 35 original posts on Facebook and 37 original tweets on Twitter
  - NNSS-focused information included in the *EM Sites Mark National Infrastructure Week* article via EM Update (EM HQ online newsletter)
  - Published *Update on Cleanup Activities at the TTR* via EM News Flash (9,592 subscribers)
  - Published updated *Environmental Remediation Work at TTR* fact sheet via nns.gov and DOE Office of Environmental Management Daily Digest Bulletin
- 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:
  - Presented an EM Overview presentation at the Devil's Hole Workshop in Beatty, NV (two NSSAB members attended) – May 2-4, 2018
  - Hosted Operation Clean Desert and Groundwater "Ant Farm" demonstration booth at "May Science Be With You" event at Desert Research Institute – May 3, 2018

- Hosted Low-level Waste Stakeholders Forum meeting in Las Vegas, NV (NSSAB Chair attended) – May 9, 2018 (two briefings: Update on disposal activities and HAZTRAK)
- EM Nevada Program conducted an intergovernmental meeting with NSSAB Liaisons and NSSAB leadership in Las Vegas, NV – May 16, 2018
- Outreach:
  - Provided 1,003 Operation Clean Desert activity books, 60 Operation Clean Desert teacher’s guides and 60 Operation Clean Desert CDs to May Science Be With You event, Public Reading Room and American Leadership Academy North Las Vegas
  - Provided 150 NNSS Groundwater Program fact sheets, 150 NNSS Groundwater Qs/As and 50 Environmental Remediation Work at Tonopah Test Range (TTR) fact sheets to the DOE Public Reading Room in Las Vegas, NV
- NNSS Tours:
  - Hosted tour of the NNSS that included Area 5 RWMC for U.S. Air Force – May 2, 2018
  - Hosted tour of the NNSS that included Area 5 RWMC for members of the public – May 22, 2018
  - Hosted tour of the NNSS that included Area 5 RWMC for members of Congress – May 29, 2018
- Planned activities for June 2018:
  - Publish environmental remediation at TTR article
  - Participate in the National Transportation Stakeholder Forum conference in Omaha, NE – June 5-7, 2018
  - Participate in the quarterly Emergency Preparedness Working Group (EPWG) in Las Vegas, NV meeting – June 7, 2018