

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

**External Affairs**

- Publications:
  - Ongoing social media campaign – 19 posts on Facebook, 19 original tweets on Twitter, 60 photos to Flickr, and one video to YouTube
- 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
- Nevada National Security Site (NNSS) Tours:
  - Hosted tour of NNSS that included Area 5 Radioactive Waste Management Complex (RWMC) for College of Engineering and Science, and Outreach, UNLV – June 13, 2019
  - Hosted public tour of NNSS that included Area 5 RWMC – June 25, 2019
  - Hosted tour of NNSS that included Area 5 RWMC for Sons of the American Revolution – June 27, 2019
- Planned activities for July 2019:
  - NSSAB members to observe a Low-Level Waste Visual Verification of NNSS generator – July 2, 2019
  - Host an NSSAB Full Board Meeting in Las Vegas, NV – July 17, 2019
  - Conduct an intergovernmental meeting with intergovernmental liaisons and NSSAB leadership in Las Vegas, NV – July 17, 2019
  - Conduct an educational session on the Federal Advisory Committee Act for NSSAB in Las Vegas, NV – July 17, 2019
  - Attend a local meeting of the Northern New Mexico Site-Specific Advisory Board for lessons learned in Taos, NM (NSSAB Vice-Chair and Staff) – July 24, 2019
  - NSSAB members to attend Community Environmental Monitoring Program (CEMP) Training in Las Vegas, NV – July 26, 2019
  - Publish article on completion of NNSS soils sites

**Waste Disposal and Transportation**

- The Transportation Report for second quarter (January – March 2019) for fiscal year 2019 is available at <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- The Waste Volume Report for third quarter (April - June 2019) for fiscal year 2019 is available at <http://www.nnss.gov/pages/programs/RWM/Reports.html>

- Update from previous months' reports – Oak Ridge, TN generator: In March 2019, a facility evaluation resulted in two Findings. The generator submitted a corrective action plan (CAP) that was approved by the Radioactive Waste Acceptance Program (RWAP) in June 2019. The generator will complete implementation of the CAP by the end of July 2019. (please see April – May 2019 NSSAB Monthly Reports for more information)
- In June 2019, RWAP conducted two facility evaluations:
  - Paducah, KY generator #1: The facility evaluation resulted in no Findings.
  - Paducah, KY generator #2: The facility evaluation resulted in no Findings.
- In July 2019, RWAP will conduct three facility evaluations.
- In July 2019, approximately 120,657 cubic feet of low-level waste (LLW), mixed LLW, and classified waste is forecasted for disposal at the NNSS.

## **Underground Test Area (UGTA)**

### ***Corrective Action Unit (CAU) 97, Yucca Flat***

The Model Evaluation Report was submitted to the State of Nevada Division of Environmental Protection (NDEP) in June 2019; work to address NDEP comments on the report will occur in July 2019.

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

Preparation of the Closure Report continued in June 2019 and will continue in July 2019. The Closure Report is due to NDEP in August 2019.

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

Groundwater sampling for fiscal year 2019 began in October 2018 and will continue through the fiscal year. The closure strategy path forward was submitted to NDEP in June 2019; work to address NDEP comments will occur in July 2019.

## **Soils**

### ***CAU 414, Clean Slate III Plutonium Dispersion***

CAU 414 comprises one Corrective Action Site (CAS) on the Nevada Test and Training Range. As of June 30, 2019, 699 bags of contaminated soil and three cargo containers of contaminated metal debris have been filled. As of June 30, 2019, 330 shipments of 660 bags have been shipped and disposed at the Area 3 Radioactive Waste Management Site and Area 5 RWMC.

## **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. Maintenance identified by the annual inspections in September 2018 will continue through the fiscal 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 June 2019, irrigation and monthly inspections of the CAU 111 revegetation test plots continued and will continue in July 2019. Quarterly inspections of the post-closure sites were conducted in June 2019.

***CAU 98, Frenchman Flat***

The calendar year 2018 Annual Closure Monitoring Report was submitted to NDEP in June 2019; a response is expected in July 2019.

***Tonopah Test Range (TTR) Post-Closure Monitoring Sites***

The TTR Post-Closure Monitoring Sites include five CAUs where post-closure inspections, monitoring, and maintenance are performed in accordance with the closure requirements. In June 2019, annual inspections of the post-closure sites were conducted.