

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

Waste Disposal and Transportation

- The Waste Volume Report for the second quarter (January – March 2019) for fiscal year 2019 is available at <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- Update from previous months' reports - In October 2017, the State of Nevada Division of Environmental Protection (NDEP) issued a Finding of Alleged Violation to the Department of Energy/National Nuclear Security Administration (NNSA) as a result of the Nevada National Security Site (NNSS) accepting 93 containers of waste from a generator and disposing as low-level waste (LLW) when the containers should have been disposed as mixed LLW (MLLW). In April 2019, NNSA transmitted the signed Settlement Agreement to NDEP for signature. The Settlement Agreement was signed by NDEP in May 2019 and provides 365 days from signature to complete all actions. (please see November 2017 – April 2019 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Oak Ridge, TN generator: In November 2018, a facility evaluation resulted in one Finding. In January 2019, the generator submitted its corrective action plan (CAP) to the Radioactive Waste Acceptance Program (RWAP). The Finding was closed by RWAP in April 2019. (please see December 2018 – April 2019 NSSAB Monthly Reports for more information)
- Update from previous month's report – Oak Ridge, TN generator: In March 2019, a facility evaluation resulted in two Findings. RWAP issued its report in April 2019, and the generator has 30 days to respond. (please see April 2019 NSSAB Monthly Report for more information)
- In April 2019, RWAP conducted four facility evaluations:
 - Oak Ridge, TN generator #1: The facility evaluation resulted in no Findings.
 - Oak Ridge, TN generator #2: The facility evaluation resulted in one Finding. The generator will have 30 days to respond after RWAP issues its report.
 - Portsmouth, TN generator: The tabletop facility evaluation is currently underway and will be reported in next month's report.
 - Aberdeen, MD generator: The facility evaluation is currently underway and will be reported in next month's report.
- In May 2019, RWAP will conduct three facility evaluations.
- In May 2019, approximately 117,246 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

The Model Evaluation Completion Presentation, delivered in March 2019, was deemed complete by NDEP in April 2019. In May 2019, the model evaluation work will be presented at the 2019 Devils Hole Workshop in Death Valley, CA. The Model Evaluation Report is due to NDEP in June 2019.

CAU 99, Rainier Mesa/Shoshone Mountain

The Addendum to the Flow and Transport Model Report was submitted to NDEP in April 2019; a response is expected in May 2019. Preparation of the Closure Report continued in April 2019 and will continue in May 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. Preparation of the closure strategy path forward continued in April 2019 and will continue in May 2019.

Post-Closure Monitoring

Non-Resource Conservation and Recovery Act (RCRA) Post-Closure Monitoring Sites

The Non-RCRA Post-Closure Monitoring Sites include Corrective Action Sites 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 April 2019, irrigation of the CAU 111 revegetation test plots continued, as well as monthly inspections of the plots. Both activities will continue in May 2019.

CAU 98, Frenchman Flat

Preparation of the calendar year 2018 Annual Closure Monitoring Report continued in April 2019 and will continue in May 2019. The Annual Closure Monitoring Report is due to NDEP in June 2019.

Soils

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one CAS on the Nevada Test and Training Range. As of April 30, 2019, 550 bags of contaminated soil and two cargo containers of contaminated metal debris have been filled. As of April 30, 2019, 230 shipments of 460 bags have been shipped and disposed at the Area 3 Radioactive Waste Management Site and Area 5 Radioactive Waste Management Complex (RWMC).

External Affairs

- NSSAB:
 - Hosted an NSSAB tour of Pahute Mesa and Rainier Mesa – April 10, 2019
 - Hosted an NSSAB Full Board Meeting in Las Vegas, NV – April 24, 2019
- Publications:
 - Ongoing social media campaign – 35 posts on Facebook, 32 original tweets on Twitter, and posted one video on 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
- Events/Stakeholders Meetings:
 - Hosted LLW Stakeholders Forum meeting in Las Vegas, NV (NSSAB representatives attended) – April 2, 2019
 - Attended Clark County Local Emergency Planning Committee in Las Vegas, NV – April 2, 2019
 - Participated in annual Consolidated Group of Tribes and Organizations meeting in Las Vegas, NV – April 23-25, 2019
 - Conducted an intergovernmental meeting with NSSAB liaisons and NSSAB leadership in Las Vegas, NV – April 24, 2019
- NNSS Tours:
 - Hosted tour of NNSS that included Area 5 RWMC for Nevada Field Office New Employees – April 3, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Yale College of Architecture 360 Urban Lab students – April 4, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Organization Conflict of Interest Steering Group – April 17, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for LLW Stakeholders Forum members (NSSAB representatives attended) – April 18, 2019
 - Hosted public tour of the NNSS that included Area 5 RWMC – April 23, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Defense Nuclear Facilities Safety Board staff – April 23-25, 2019
 - Hosted tour of NNSS that included Area 5 RWMC for Fiscal Year 2019 NNSA/Nevada Field Office Tribal Update Meeting – April 24, 2019
- Planned activities for May 2019:
 - Participate in the 2019 Devils Hole Workshop, Death Valley National Park (NSSAB representatives to attend) – May 1-3, 2019
 - Participate in May the Science Be With You outreach event at Desert Research Institute (part of Las Vegas Science Festival) – May 3, 2019
 - Participate in EM Site-Specific Advisory Board National Chairs' Spring Meeting, hosted by Savannah River Site Citizens Advisory Board, in Augusta, GA (NSSAB Chair and Vice-Chair to attend) – May 7-9, 2019
 - Host 2019 Waste Generator Workshop, Las Vegas, NV – May 20-23, 2019