

**Nevada Field Office
Environmental Management Activities
Monthly Report to the NSSAB
November 2016**

Waste Disposal and Transportation

- Waste Volume Quarterly Reports for 3rd Quarter, April – June 2016 and 4th Quarter, July – September 2016 available online: <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- Update from previous months' reports – Erwin, TN, generator: The Radioactive Waste Acceptance Program (RWAP) issued one Finding. In August 2016, the waste in question was returned to the generator to be analyzed. The Nevada Field Office and the generator have weekly communications to determine if the waste fulfills the requirements of the Nevada National Security Site (NNSS) Waste Acceptance Criteria. The waste generator's program remains suspended; therefore they cannot ship low-level waste (LLW) to the NNSS. (please see July - October 2016 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Portsmouth, OH, generator (second generator): The facility evaluation resulted in one Finding. RWAP has approved the corrective action plan (CAP), and the generator has until mid-December 2016 to implement the CAP. (please see July – October 2016 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Argonne, IL, generator: The facility evaluation resulted in one Finding. RWAP has approved the CAP, and the generator has until the end of November 2016 to implement the CAP. (please see August – October 2016 NSSAB Monthly Report for more information)
- Update from previous months' reports – Aberdeen, MD, generator: The facility evaluation resulted in two Findings. RWAP has approved the CAP, and the generator has until mid-December 2016 to implement the CAP. (please see August – October 2016 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Los Alamos, NM, generator: It was reported inadvertently that the facility evaluation resulted in one Finding; however it was actually an Observation. The Observation was corrected during the facility evaluation and no further action from the generator is required. (please see September – October 2016 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Oak Ridge, TN, generator: The facility evaluation resulted in one Finding. RWAP sent the final report in mid-October 2016, and the waste processing center has 30 days to respond. (please see September – October 2016 NSSAB Monthly Reports for more information)

- In October 2016, RWAP conducted the following facility evaluations:
 - o West Valley, NY, generator: The facility evaluation resulted in no Findings.
 - o Oak Ridge, TN, generator: The facility evaluation resulted in no Findings.
- In November 2016, RWAP will conduct two facility evaluations.
- In November 2016, approximately 56,700 cubic feet of LLW and mixed LLW (MLLW) is forecasted for disposal at the NNSS.
- The Nevada Field Office 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 MLLW cell at the NNSS. The Nevada Field Office plans to submit the permit application to the State of Nevada Division of Environmental Protection (NDEP) by the end of the calendar year. A public meeting hosted by the Nevada Field Office is tentatively scheduled for December 14, 2016 in Pahrump, NV. Upon approval of the permit by NDEP, construction is planned to begin in 2017 and operational by the summer 2018.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat

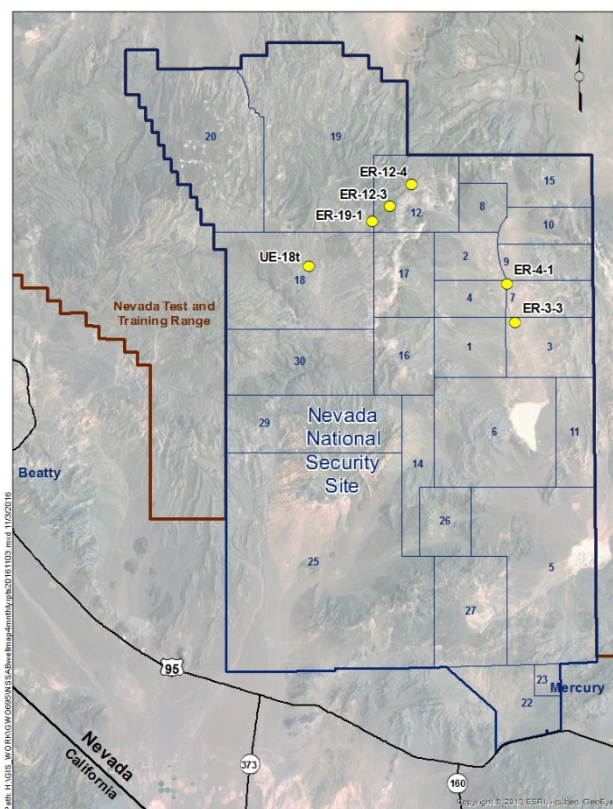
In October 2016, preparation of comment responses to the Yucca Flat Peer Review comments continued. A presentation to the NDEP will occur in November 2016. Also in November 2016, pumping and sampling of Wells ER-3-3 and ER-4-1 will be conducted.

CAU 99, Rainier Mesa/Shoshone Mountain

Pumping and sampling of Wells ER-12-3 and ER-12-4 occurred in October 2016.

CAUs 101/102, Pahute Mesa

In October 2016, pumping and sampling at UE-18t and ER-19-1 was completed.



Soils and Industrial Sites

Non-Resource 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 began in October 2016 and will continue in November 2016. Required repairs and maintenance identified in the annual inspections will be performed throughout fiscal year 2016.

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 October 2016, repairs identified during the quarterly/semi-annual inspections were conducted.

CAU 412, Clean Slate I Plutonium Dispersion

CAU 412 comprises one CAS on the Nevada Test and Training Range. The Closure Report for 412 was approved by NDEP in October 2016. With the approval of the Closure Report, CAU 412 is now considered closed.

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 (CADD) continued in October 2016 and will continue in November 2016. The CADD is due to NDEP in March 2017.

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one CAS on the Nevada Test and Training Range. In October 2016, the Corrective Action Investigation Plan (CAIP) was submitted to NDEP; a response is expected in November 2016.

CAU 415, Project 57 No. 1 Plutonium Dispersion

CAU 415 comprises one CAS related to historical nuclear testing. In May 2014, the Streamlined Approach for Environmental Restoration (SAFER) Plan for CAU 415 was approved by NDEP. Planning for corrective actions continued in October 2016.

CAU 568, Area 3 Plutonium Dispersion Sites

CAU 568 comprises six CASs related to historical nuclear testing. Closure field work continued in October 2016, and corrective actions will continue in November 2016.

CAU 573, Alpha Contaminated Sites

CAU 573 comprises two CASs related to historical nuclear testing. Closure field work was completed in October 2016. The Closure Report is due to NDEP in February 2017.

CAU 575, Area 15 Miscellaneous Sites

CAU 575 comprises four CASs related to historical nuclear testing. In October 2016, development of the Closure Report continued and will continue in November 2016.

CAU 576, Miscellaneous Radiological Sites and Debris

CAU 576 comprises six CASs related to historical nuclear testing. In October 2016, development of the CAIP continued and will continue in November 2016. The CAIP is due to NDEP in December 2016.

External Affairs:

- Outreach:
 - o Distributed 327 Operation Clean Desert activity books, four Operation Clean Desert teacher's guides, 65 Operation Clean Desert worksheets, 50 each pencils and rulers (made from recycled materials) to Wendell P. Williams Elementary School and National Atomic Testing Museum Public Reading Room in Las Vegas, NV
 - o Provided groundwater demonstration at Wendell P. Williams Elementary School – October 19, 2016
 - o Conducted groundwater-focused tour of the NNSS for Death Valley National Park personnel – October 19, 2016
- NSSAB:
 - o Conducted new member orientation – October 13, 2016
 - o Members attended the Underground Test Area Technical Information Exchange – October 13, 2016
 - o Conducted an annual work plan tour of the NNSS – October 26, 2016
- Publications:
 - o Ongoing social media campaign – 22 original posts on Facebook, 17 original tweets on Twitter, one Groundwater Animation video posted to YouTube
 - o Published
 - *Closing Time: NNSS Environmental Management Experts Complete Remediation of 1963 Double Tracks Test Site* article via EM News Flash, EM Update, and NNSS.gov
 - *Hard Work Pays Off as NNSS Transitions Groundwater Monitoring Strategies at Historic Frenchman Flat* via EM News Flash and NNSS.gov
 - *Animated NNSS Groundwater Video Now Online!* via EM News Flash
- Ongoing exhibits:
 - o *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas (updated display), Amargosa Valley Library, Goldfield Library, Central Nevada Museum in Tonopah, Nevada, and Pahrump Valley Museum in Pahrump, Nevada
 - o Environmental Management kiosks – located at Central Nevada Museum in Tonopah, Nevada; moved to National Atomic Testing Museum Public Reading Room in Las Vegas, Nevada
- Planned activities for November 2016:
 - o Host the Low-Level Waste Stakeholder Forum in Las Vegas, NV – November 2, 2016
 - o Host groundwater-focused tour of the NNSS for Groundwater Open House attendees – November 3, 2016
 - o NSSAB to host a Full Board Meeting in Las Vegas, Nevada – November 9, 2016

- o Provide Operation Clean Desert materials for Get to Know Nuclear Boy Scout/Girl Scout event – November 16, 2016
- o Attend the EM HQ hosted national Intergovernmental meeting in New Orleans – November 16 – 18, 2016
- o Conduct groundwater demonstration at Pinecrest Academy in Las Vegas, NV – November 17, 2016