

**Nevada Field Office (NFO)
Environmental Management Activities
Monthly Report to the NSSAB
September 2015**

Waste Disposal and Transportation

- The Radioactive Waste Acceptance Program (RWAP) conducted four Facility Evaluations in August 2015.
- In September 2015, RWAP will conduct one Facility Evaluation.
- In September 2015, approximately 190,000 cubic feet of low-level waste (LLW) and mixed (MLLW) is forecasted for disposal at the Nevada National Security Site (NNSS).
- An Independent Assessment of Navarro, an NFO contractor, was conducted in August 2015. An Independent Assessment is a complete review of all radioactive waste activities required to maintain a generator's Waste Acceptance Criteria (WAC) certification to dispose of waste at the NNSS. NFO observed the Independent Assessment and as a result determined that Navarro is in compliance with the NNSS WAC.
- Update from previous months' reports - In September 2014, RWAP conducted a Facility Evaluation of the NNSS WAC for Babcock and Wilcox Conversion Services (BWCS), Paducah, Kentucky (please see October 2014 – August 2015 NSSAB Monthly Reports for more information). RWAP closed the corrective action requests, and BWCS, Paducah, Kentucky is now approved to ship LLW to the NNSS.
- Update from previous months' reports - In January 2015, RWAP conducted a Facility Evaluation of the NNSS WAC for BWCS, Portsmouth, Ohio (please see February 2015 – August 2015 NSSAB Monthly Reports for more information). RWAP closed the corrective action requests, and BWCS, Portsmouth, Ohio is now approved to ship LLW to the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat

In August 2015, the UGTA Activity continued to perform model simulations to address Peer Review recommendations. No work is planned for September 2015.

CAU 98, Frenchman Flat

In August 2015, the draft Closure Report was submitted to the State of Nevada Division of Environmental Protection (NDEP) for review and comment. In September 2015, the Nevada Field Office will begin responding to Closure Report comments. Recommendation(s) on this document will be provided by the NSSAB to the NFO if the Board approves as a work plan item at its September Full Board meeting.

CAU 99, Rainier Mesa/Shoshone Mountain

In August 2015, the modeling team continued reviewing the revised conceptual model and hydrostratigraphic model. Several meetings were held with NDEP to discuss the path forward to closure.

CAUs 101/102, Pahute Mesa

In August 2015, well evaluations were conducted at two post-shot wells. In September 2015, preparations will begin for drilling well ER-20-12.

Industrial Sites

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 August 2015, maintenance activities identified during the June 2015 quarterly and semi-annual inspections were performed; herbicide was applied, and a vegetation survey was conducted at CAU 111. In September 2015, the quarterly and semiannual inspections will be performed.

Soils

CAUs 411 and 412, Double Tracks Plutonium Dispersion and Clean Slate I Plutonium Dispersion

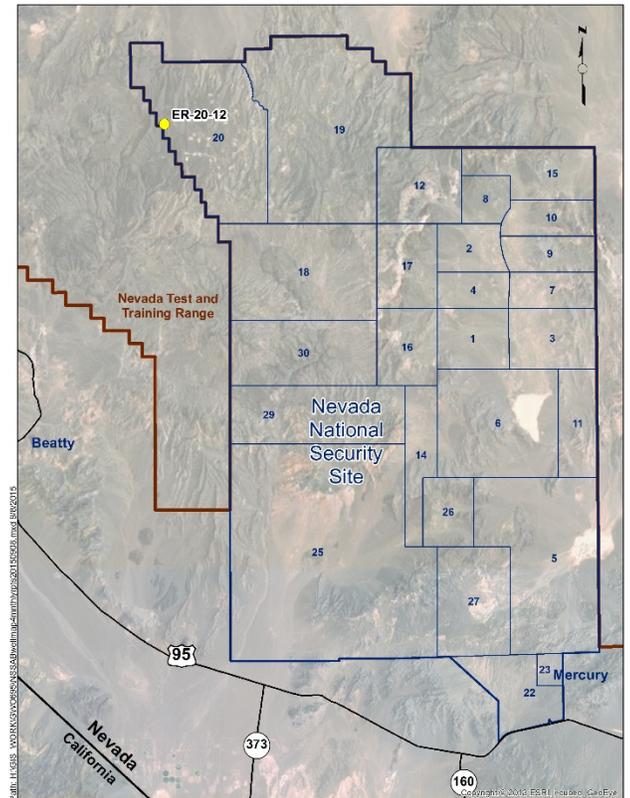
CAUs 411 and 412 comprise one Corrective Action Site (CAS) each on the Nevada Test and Training Range. In August 2015, preparation of the closure report continued and will continue in September 2015.

CAU 413, Clean Slate II Plutonium Dispersion

CAU 413 comprises one CAS on the Nevada Test and Training Range. In August 2015, development of the Corrective Action Investigation Plan (CAIP) continued and will continue in September 2015. The CAIP is due to NDEP by July 2016.

CAU 415, Project 57 No. 1 Plutonium Dispersion

CAU 415 comprises one CAS related to historical nuclear testing. In May 2014, the SAFER Plan for CAU 415 was approved by NDEP; plans to implement the corrective actions continued in August 2015 and will continue in September 2015.



CAU 541, Small Boy

CAU 541 comprises two CASs related to historical nuclear testing. The development of the Corrective Action Decision Document (CADD) continued in August 2015 and will continue in September 2015. The CADD is due to NDEP in May 2016.

CAU 568, Area 3 Plutonium Dispersion Sites

CAU 568 comprises six CASs related to historical nuclear testing. In August 2015, the CADD was submitted to and approved by NDEP. Work on the Corrective Action Plan (CAP) was initiated in August 2015 and will continue in September 2015. The CAP is due to NDEP in May 2016.

CAU 573, Alpha Contaminated Sites

CAU 573 comprises two CASs related to historical nuclear testing. Field activities continued in August 2015. Preparation of the CADD continued in August 2015 and will continue in September 2015. The CADD is due to NDEP in April 2016.

Public Involvement:

- Ongoing exhibits:
 - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Amargosa Valley Library, Goldfield Library, and Central Nevada Museum in Tonopah
 - Environmental Management kiosk – West Charleston Library and Aliante Library
- Publications:
 - Ongoing social media campaign (Facebook and Twitter) – Six (6) original posts on Facebook, 9 original tweets on Twitter
 - Published one (1) article in the August edition of [OneVoice](#) (*Can You Dig It? DOE, Air Force Dig for Data*)
 - Distributed the August 2015 edition of [OneVoice](#) via GovDelivery to more than 3,300 subscribers
- Outreach
 - The New Teacher Kickoff and Educators Appreciation Day provided hundreds of local teachers nearly 500 copies of the *Operation Clean Desert* activity books and companion teacher's guide
- Training:
 - Next Generation Science Standards (NGSS) training to update the *Operation Clean Desert* teacher's guide with new NGSS that will need to be implemented by the 2015-2015 school year in Clark County
 - EPA Community Involvement Conference in Atlanta, Georgia to enhance outreach activities through expanded use of social media and improved risk communications
- NSSAB:
 - Nothing to report