

Nevada Field Office
Environmental Management Activities
Monthly Report to the NSSAB
June 2015

Waste Disposal and Transportation

- Update from previous months' reports - In September 2014, the Radioactive Waste Acceptance Program (RWAP) conducted a Facility Evaluation of the Nevada National Security Site (NNSS) Waste Acceptance Criteria (WAC) for Babcock and Wilcox Conversion Services (BWCS), Paducah, Kentucky (please see October 2014 – May 2015 NSSAB Monthly Reports for more information). The status for this item remains unchanged from last month.
- 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 – May 2015 NSSAB Monthly Reports for more information). The status for this item remains unchanged from last month.
- RWAP conducted one Facility Evaluation in May 2015.
- In June 2015, RWAP will conduct two Facility Evaluations.
- In June 2015, approximately 164,000 cubic feet of low-level waste (LLW) and mixed LLW is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat

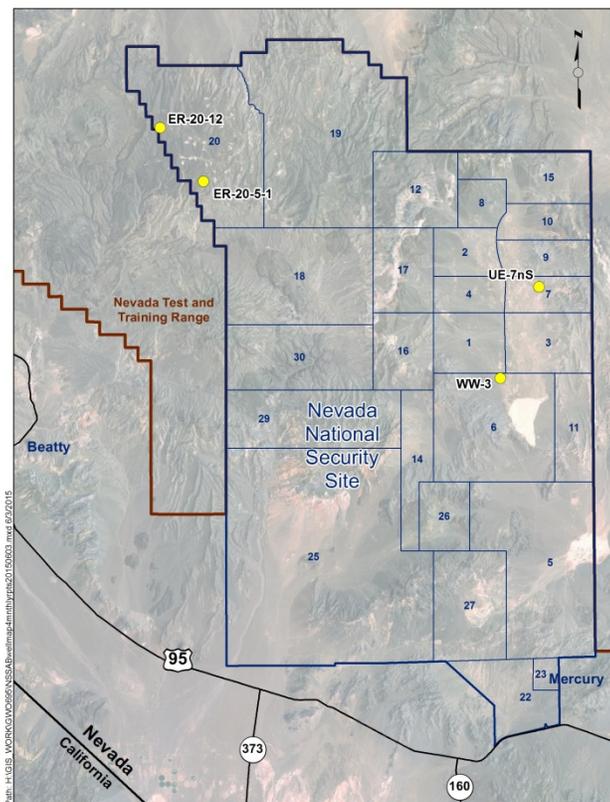
In May 2015, UGTA Activity performed model simulations to address Peer Review recommendations. Pumping and sampling of wells WW-3 and UE-7nS will occur in June 2015.

CAU 98, Frenchman Flat

In May 2015, the draft Closure Report was being developed and will continue in June 2015.

CAU 99, Rainier Mesa/Shoshone Mountain

In May 2015, the modeling team continued reviewing the revised conceptual model and hydrostratigraphic model. In June 2015, work on the plan to move forward toward closure will continue.



CAUs 101/102, Pahute Mesa

In May 2015, completed pumping and sampling of well ER-20-5-1, and continued construction of the ER-20-12 access road, drill pad and sumps. In June 2015, well evaluations at three post-shot wells will be performed.

Industrial Sites

Resource Conservation and Recovery Act (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 2015, irrigation of the reseeded cover at CAU 111 continued. In June 2015, irrigation will likely continue at CAU 111, and the quarterly and semi-annual 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 May 2015, field activities continued at both CAU 411 and 412.

CAU 413, Clean Slate II Plutonium Dispersion

CAU 413 comprises one CAS on the Nevada Test and Training Range. In May 2015, development of the Data Quality Objectives (DQOs) continued and will continue in June 2015. A DQO meeting will be held in June 2015. The DQO process is a seven-step approach to plan investigation activities ensuring the data collected will provide sufficient information to recommend corrective actions for CAU 413. The DQOs will be included in the Corrective Action Investigation Plan for CAU 413, which will be due to the State of Nevada Division of Environmental Protection (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 May 2015 and will continue in June 2015.

CAU 541, Small Boy

CAU 541 comprises two CASs related to historical nuclear testing. Site investigation activities continued in May 2015, and waste management activities were conducted. The development of the Corrective Action Alternatives continued in May 2015 and will continue in June 2015. A Corrective Action Alternatives meeting will occur in June 2015.

CAU 568, Area 3 Plutonium Dispersion Sites

CAU 568 comprises six CASs related to historical nuclear testing. The development of the Corrective Action Alternatives continued in May 2015 and will continue in June 2015. A Corrective Action Alternatives meeting will occur in June 2015.

CAU 573, Alpha Contaminated Sites

CAU 573 comprises two CASs related to historical nuclear testing. In May 2015, radiological surveys and waste management activities were conducted. Field activities will continue in June 2015.

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 kiosks – West Las Vegas Library and Amargosa Valley Library
- Publications:
 - Ongoing social media campaign (Facebook and Twitter) – 20 original posts on Facebook, 16 original tweets on Twitter
 - Published article (*Lights...Camera...Training!*) in [May 2015 EM Update](#) and May issue of [OneVoice](#)
- Outreach:
 - Provided NNSS promotional materials to Hyde Park Middle School Science Olympians (18) for sharing with other Olympians from across the U.S. during a national event in Lincoln, Nebraska
 - Participated in *Connecting Hands: Offering Lifelong Learning Adventures (CHOLLA)* education group meeting
- NSSAB:
 - NSSAB Full Board Meeting – May 20, 2015
 - Hosted an educational session, “Radiological Assistance Program” – May 20, 2015