

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

**Waste Disposal and Transportation**

- As of December 31, 2015, the Nevada National Security Site (NNSS) has disposed 196,290 cubic feet of low-level waste (LLW), 14,225 cubic feet of mixed LLW (MLLW), 240 cubic feet of classified non-radioactive waste, and 344 cubic feet of classified non-radioactive hazardous waste during fiscal year 2016. These numbers are preliminary until internal quality checks are completed.
- Update from previous month's report - Oak Ridge, TN, generator: The facility evaluation resulted in one Corrective Action Request (CAR), and the generator will have 30 days to respond after receiving the final Radioactive Waste Acceptance Program (RWAP) report. The status for this item remains unchanged from last month.
- In January 2016, (RWAP) conducted the following facility evaluations:
  - Gainesville, FL, generator: No findings were identified.
  - Albuquerque, NM, generator: No findings were identified.
  - Oak Ridge, TN, generator: The facility evaluation resulted in one CAR, and the generator will have 30 days to respond after receiving the final RWAP report.
  - Idaho Falls, ID, generator (mixed waste verification): No issues were identified.
  - Idaho Falls, ID, generator: The Corrective Action Plan surveillance resulted in the closure of the CAR.
- In February 2016, RWAP will conduct two facility evaluations.
- In February 2016, approximately 139,000 cubic feet of LLW and MLLW is forecasted for disposal at the NNSS.
- LLW and MLLW Transportation Routing Quarterly Report for 3<sup>rd</sup> Quarter, April – June 2015 is available online: <http://www.nv.energy.gov/emprograms/transportationreports.aspx>

**Industrial Sites**

***Non-Resource Conservation and Recovery Act (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. Required repairs and maintenance identified in the annual inspections will be performed in 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 January 2016, maintenance identified during the quarterly and semi-annual inspections, to include subsidence repairs at CAU 111, was performed.

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

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

Responses to Peer Review comments continued in January 2016 in preparation for presentation to the State of Nevada Division of Environmental Protection (NDEP) rescheduled for February 2016. Drilling operations began at well ER-2-2 in January 2016 and will continue in February 2016.

#### ***CAU 98, Frenchman Flat***

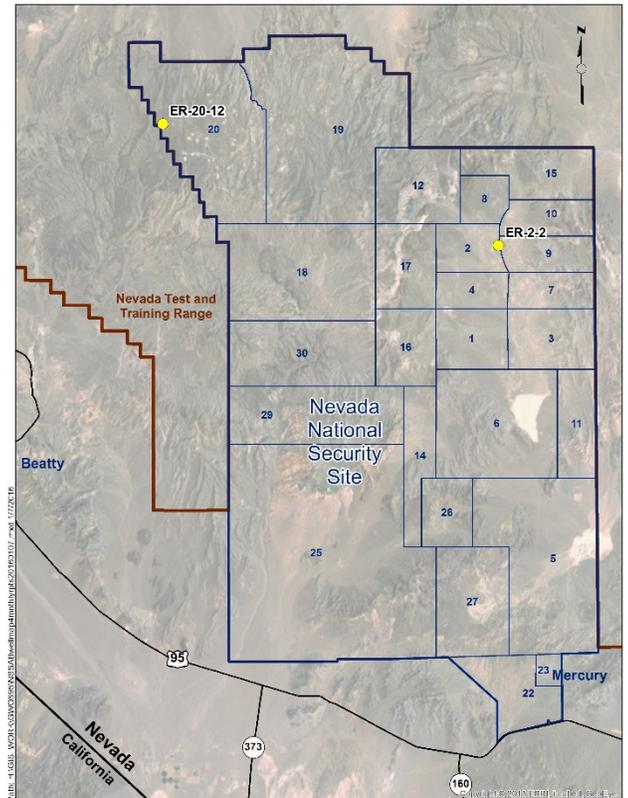
In January 2016, continued work on the final Closure Report.

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

In January 2016, the modeling team continued reviewing the revised conceptual model and hydrostratigraphic model.

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

In January 2016, drilling was completed on well ER-20-12.



### **Soils**

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

CAUs 411 and 412 comprise one CAS each on the Nevada Test and Training Range. In January 2016, preparation of the closure reports continued and will continue in February 2016.

#### ***CAU 413, Clean Slate II Plutonium Dispersion***

CAU 413 comprises one CAS on the Nevada Test and Training Range. In January 2016, development of the Corrective Action Investigation Plan (CAIP) continued and will continue in February 2016. 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 Streamlined Approach for Environmental Restoration Plan for CAU 415 was approved by NDEP; planning for corrective actions continued in January 2016.

### ***CAU 541, Small Boy***

CAU 541 comprises two CASs related to historical nuclear testing. The development of the Corrective Action Decision Document/Closure Report (CADD/CR) continued in January 2016, and the report will be submitted to NDEP in February 2016. 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) continued in January 2016 and will continue in February 2016. The CAP is due to NDEP in May 2016.

### ***CAU 573, Alpha Contaminated Sites***

CAU 573 comprises two CASs related to historical nuclear testing. Preparation of the CADD continued in January 2016 and will continue in February 2016. 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 – Located at Central Nevada Museum in Tonopah, NV
- Publications:
  - Ongoing social media campaign (Facebook, Twitter) – 12 original posts on Facebook, 13 original tweets on Twitter
- Outreach:
  - Groundwater demonstration at Antonello Elementary School in Las Vegas, NV
  - Provided 50 copies of the *Operation Clean Desert* activity book, 2 copies of the *Operation Clean Desert Teacher's Guide*, and 50 extra *Operation Clean Desert* worksheets to: Antonello Elementary School in Las Vegas, NV
  - Attended Connecting Hands: Offering Lifelong Learning Adventures (CHOLLA) education group meeting
  - Attended Connecting Hands: Offering Lifelong Learning Adventures (CHOLLA) education group symposium committee planning meeting
  - Provided 90 fact sheets to Nevada Field Office public reading room at the Frank H. Rogers Building in Las Vegas, NV
- Training:
  - Co-hosted and supported Public Information Officer's training for Southern Nevada intergovernmental agencies – January 28, 2016
- NSSAB:
  - NSSAB hosted educational session, *Central Nevada Test Area*, in Beatty, Nevada – January 20, 2016
  - Nevada Field Office conducted an intergovernmental meeting with NSSAB Liaisons in Beatty, NV – January 20, 2016
  - NSSAB hosted a Full Board Meeting in Beatty, Nevada – January 20, 2016

- Planned activities for February 2016:
  - Support Low-Level Waste Stakeholder Forum in Pahrump, NV – February 3, 2016
  - NSSAB member to attend the LLW Stakeholders Forum in Pahrump, Nevada – February 3, 2016
  - Present and host a booth at Southern Nevada Science Teachers Association Science Conference at Western High School – February 6, 2016
  - NSSAB to participate in a Groundwater-focused tour of the NNSS – February 25, 2016
  - Participate in full scale Emergency Operations Center/Joint Information Center exercise