

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

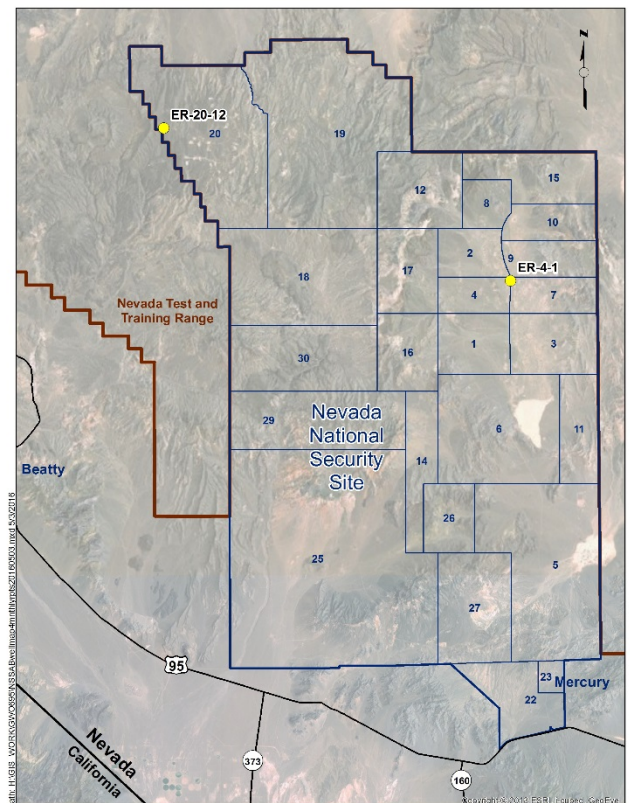
Waste Disposal and Transportation

- The Quarterly Waste Volume Report for January – March 2016 is available online at <http://www.nv.energy.gov/emprograms/wastevolumes.aspx>
- Update from previous months' reports - Oak Ridge, TN, generator: The facility evaluation resulted in one Corrective Action Request (CAR), and the generator responded to the final Radioactive Waste Acceptance Program (RWAP) report in February 2016. RWAP reviewed the response and closed the CAR in March 2016. (please see February – April 2016 NSSAB Monthly Reports for more information).
- In April 2016, RWAP conducted the following facility evaluations:
 - Idaho Falls, ID, generator: The facility evaluation resulted in one CAR, and the generator will have 30 days to respond after receiving the final RWAP report.
 - Brookhaven, NY, generator: No findings were identified.
 - Erwin, TN, generator: No findings were identified.
- In May 2016, RWAP will conduct two facility evaluations.
- In May 2016, approximately 98,600 cubic feet of low-level waste (LLW) and mixed LLW is forecasted for disposal at the Nevada National Security Site (NNSS).

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat
Final responses to Peer Review comments were presented to the State of Nevada Division of Environmental Protection (NDEP) in April 2016. Drilling was completed at Well ER-4-1 in April 2016.

CAU 98, Frenchman Flat
In April 2016, work continued on the final Closure Report. The report may be published in May 2016. Sampling at Frenchman Flat is expected to be conducted from April 2016 into June 2016.



CAU 99, Rainier Mesa/Shoshone Mountain

The modeling team continued to implement the revised modeling approach in April 2016.

CAUs 101/102, Pahute Mesa

Analysis of data from Well ER-20-12 will be conducted April 2016 through October 2016.

Soils and 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. Additional repairs at CAU 547, Miscellaneous Contaminated Waste Sites, were conducted in April 2016 and will continue in May 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 April 2016, repairs identified during the March quarterly inspection were conducted.

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. Preparation of the closure reports continued in April 2016 and will continue in May 2016.

CAU 413, Clean Slate II Plutonium Dispersion

CAU 413 comprises one CAS on the Nevada Test and Training Range. In March 2016, the Corrective Action Investigation Plan (CAIP) was submitted to NDEP in April 2016; a response is expected in May 2016.

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one CAS on the Nevada Test and Training Range. Radiological surveys of legacy contamination at CAU 414 were conducted in April 2016 and will continue in May 2016. In April 2016, the development of the CAIP continued and will continue in May 2016. The CAIP is due to NDEP in April 2017.

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 April 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 April 2016. The CADD/CR deadline has been extended and is due to NDEP in September 2016.

CAU 568, Area 3 Plutonium Dispersion Sites

CAU 568 comprises six CASs related to historical nuclear testing. Work on the Corrective Action Plan (CAP) continued in April 2016; the CAP will be submitted to NDEP in May 2016.

CAU 573, Alpha Contaminated Sites

CAU 573 comprises two CASs related to historical nuclear testing. The CADD/CAP was approved by NDEP in March 2016. Pre-field planning was conducted in April 2016, and closure field work will be conducted in May 2016.

CAU 575, Area 15 Miscellaneous Sites

CAU 575 comprises two CASs related to historical nuclear testing. In April 2016, development of the SAFER Plan resumed and will continue in May 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, Nevada
- Publications:
 - Ongoing social media campaign (Facebook, Twitter) – 6 original posts on Facebook and 5 original tweets on Twitter
 - Published *After Years of Curiosity, Resident Learns Firsthand About EM's Cleanup on Tour* article for EM Update
- Outreach:
 - “Ant Farm” groundwater model demonstrations: Somerset Academy Lone Mountain (5th grade), C. H. Decker Elementary School Science Night
 - Provided 369 copies of the Operation Clean Desert (OCD) activity book, 7 copies of the Operation Clean Desert Teacher’s Guide, and 7 Operation Clean Desert CDs to teachers to Take Your Kids to Work Day (DOE Office of EM, Washington DC), C. H. Decker ES Science Night, Somerset Academy Lone Mountain
- NSSAB:
 - NSSAB conducted membership interviews – April 5 – 7, 2016
 - NSSAB Chair and Vice-Chair attended EM Site-Specific Advisory Board National Chairs’ Meeting in Oak Ridge, TN – April 19 – 21, 2016
- Planned activities for May 2016:
 - Quarterly meeting with EM Senior Management, NDEP, and NSSAB Chair and Vice-Chair – May 12, 2016
 - NSSAB to host educational session, *Motor Carrier Evaluation Program*, in Las Vegas, Nevada – May 18, 2016
 - NSSAB to host a Full Board Meeting in Las Vegas, Nevada – May 18, 2016
 - Demonstrate “Ant Farm” groundwater model and Operation Clean Desert learning materials at the NNS 65th Anniversary Open House/Family Day – May 7, 2016

- Environmental Management focused tour of NNSS for the National Governors Association Federal Facilities Task Force – May 10, 2016
- Attend *Connecting Hands: Offering Lifelong Learning Adventures (CHOLLA)* Las Vegas education group meeting – May 18, 2016
- “Ant Farm” groundwater model demonstration at Somerset Academy Lone Mountain (1st grade) – May 19, 2016
- NNSS tour for Pahrump Chamber of Commerce – May 26, 2016
- Publish *Advisory Board Lays Out Recommended Budget Priorities* via GovDelivery and OneVoice