Waste Disposal and Transportation

- As of March 31, 2014, the Nevada National Security Site (NNSS) has disposed 464,172 cubic feet of low-level waste (LLW) and 37,364 cubic feet of mixed LLW (MLLW) during FY 2014. These numbers are preliminary until internal quality checks are completed.

- In March 2014, the Nevada Field Office, Radioactive Waste Acceptance Program (RWAP) conducted the following Facility Evaluations:
  - Kansas City Plant, Kansas City, Missouri (mixed waste verification): No issues were identified.
  - Advanced Mixed Waste Treatment Project, Idaho Falls, Idaho (two (2) mixed waste verifications): No issues were identified.
  - Duratek, Oak Ridge, Tennessee: No issues were identified.
  - PermaFix Northwest, Hanford, Washington: The surveillance resulted in one Corrective Action Request (CAR) and two observations. The CAR was issued for improper storage of waste containers. These waste containers will not be accepted for disposal at the NNSS until a Corrective Action Plan is implemented and the CAR is satisfactorily closed by RWAP. One observation was resolved while RWAP was on-site and requires no further action. The other observation involved lead shielding requirements of the NNSS Waste Acceptance Criteria not incorporated into generator’s procedures. RWAP verified that the generator has not shipped wastes to the NNSS that require lead shielding.
  - Impromptu Facility Evaluation of LLW generator scheduled to begin on March 31, 2014

- In April 2014, RWAP plans to conduct one impromptu Facility Evaluation.

- During April 2014, approximately 124,000 cubic feet of LLW and MLLW is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat/Climax Mine
The State of Nevada Division of Environmental Protection (NDEP) and the Nevada Field Office continue to prepare for the external peer review of the flow and transport model document. In March 2014, activities continued for the panel selection and preparation of the presentation to the panel that is scheduled for April 2014.
CAU 98, Frenchman Flat
Preemptive Review Committee comment resolution continued in March 2014. The Preemptive Review Committee provides internal technical review on ongoing work throughout the CAU lifecycle. Mobilization, pumping and sampling, and setup of equipment at RNM (radionuclide migration) Well #1 will begin in April 2014.

CAU 99, Rainier Mesa/Shoshone Mountain
Documentation of the conceptual model continued in March 2014 with implementation of the comments from the Preemptive Review Committee. The document will be provided to the Preemptive Review Committee in April 2014 for its review.

CAUs 101/102, Pahute Mesa
Work continues on several Phase II geology, hydrology, transport analysis, and evaluation tasks in March 2014. Preparation of the well development and testing data analysis reports for Wells ER-EC-12 and ER-EC-13 continued in March 2014. Well development and testing of Well ER-EC-14 began in March 2014 and will continue in April 2014.

Industrial Sites

Non-Resource Conservation and Recovery Act (RCRA) Post-Closure Monitoring Sites
The Non-RCRA Post-Closure Monitoring Sites include 129 Corrective Action Sites (CASs) where post-closure inspections and maintenance are performed in accordance with closure requirements. A strategy document that evaluates use restricted sites to ensure effectiveness and efficiency through consolidation, modification, and reduction of post-closure requirements was submitted to NDEP for review in March 2014. Repairs and maintenance identified during the annual inspections were conducted in March 2014 and will continue in April 2014.

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 March 2014, quarterly and semi-annual inspections were conducted, and repairs and maintenance identified during the inspections began and will continue in April 2014. Irrigation of the reseeded test plots at CAU 111 continued and will continue in April 2014, as needed.
CAU 575, Area 15 Miscellaneous Sites
CAU 575 comprises two CASs related to historical nuclear testing. In March 2014, preparation of the Data Quality Objectives (DQOs) and the sampling strategies continued and will continue in April 2014. 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 575.

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 March 2014, preparation of the DQOs and the Streamlined Approach for Environmental Restoration (SAFER) Plans for CAUs 411 and 412 continued and will continue in April 2014. The DQOs will be included in the SAFER Plans for CAUs 411 and 412, which are enforceable milestones under the Federal Facility Agreement and Consent Order (FFACO) and due to NDEP in August 2014.

CAU 415, Project 57 No. 1 Plutonium Dispersion
CAU 415 comprises one CAS related to historical nuclear testing. In March 2014, preparation of the SAFER Plan for CAU 415 continued and will continue in April 2014.

CAU 541, Small Boy
CAU 541 comprises two CASs related to historical nuclear testing. In March 2014, preparation of the DQOs and the sampling strategies continued and will continue in April 2014. The DQOs will be included in the Corrective Action Investigation Plan (CAIP) for CAU 541, which is an enforceable milestone under the FFACO and due to NDEP in July 2014.

CAU 550, Smoky Contamination Area
CAU 550 comprises 19 CASs related to historical nuclear testing. In March 2014, corrective action and waste management activities were conducted. In March 2014, preparation of the Corrective Action Decision Document/Closure Report (CADD/CR) continued and is due to NDEP in September 2014.

CAU 567, Miscellaneous Soil Sites
CAU 567 comprises four CASs related to historical nuclear testing. Field investigation of these sites consists of radiological surveys, soil sampling, and thermoluminescent dosimeter measurements. In March 2014, field activities, including radiological surveys and sampling and the removal of depleted uranium and sanitary debris, continued and will continue in April 2014.

CAU 568, Area 3 Plutonium Dispersion Sites
CAU 568 comprises six CASs related to historical nuclear testing. In March 2014, pre-field planning continued and will continue in April 2014.

CAU 571, Area 9 Yucca Flat Plutonium Dispersion Sites
CAU 571 comprises five CASs related to historical nuclear testing. In March 2014, preparation of the CADD continued and will continue in April 2014.
CAU 573, Alpha Contaminated Sites

CAU 573 comprises two CASs related to historical nuclear testing. In March 2014, preparation of the DQOs and the sampling strategies continued. The DQOs will be included in the CAIP for CAU 573, which is an enforceable milestone under the FFACO and due to NDEP in June 2014.

Public Involvement:

- Ongoing exhibits:
  - Operation Clean Desert – Nevada Public Reading Room in Las Vegas, Beatty Library, Amargosa Valley Library, Goldfield Library, and Central Nevada Museum (Tonopah)
- Events/Outreach:
  - NNSS site tour for residents of Pahrump, NV (March 12th)
  - Connecting Hands: Offering Lifelong Learning Adventures (CHOLLA) full meeting (March 18th)
  - Representative Titus staff tour of NNSS (March 20th)
  - Connecting Hands: Offering Lifelong Learning Adventures (CHOLLA) professional development meeting (March 25th)
  - Groundwater demonstration at Vegas Verde Elementary School (March 27th)
- Publications:
  - Published one (1) EM News Flash article (Calling For New Advisory Board Members!) and three (3) articles (A Sneak Peek into the Future of “Generation Z”; Biologists Get “Carried Away” with Raptor Research; and Odonata to Joy) in the March 2014 edition of OneVoice
  - Ongoing social media campaign (Facebook, Twitter)
- NSSAB:
  - NSSAB Full Board Meeting – March 19, 2014
  - Conducted an intergovernmental meeting with NSSAB Liaisons – March 19, 2014
  - Hosted an educational session, Radiation Biology in the Low Dose Region, by Dr. Antone Brooks, retired professor from Washington State University – March 19, 2014
  - NSSAB Membership Recruitment Drive – advertising campaign during the month of March 2014