

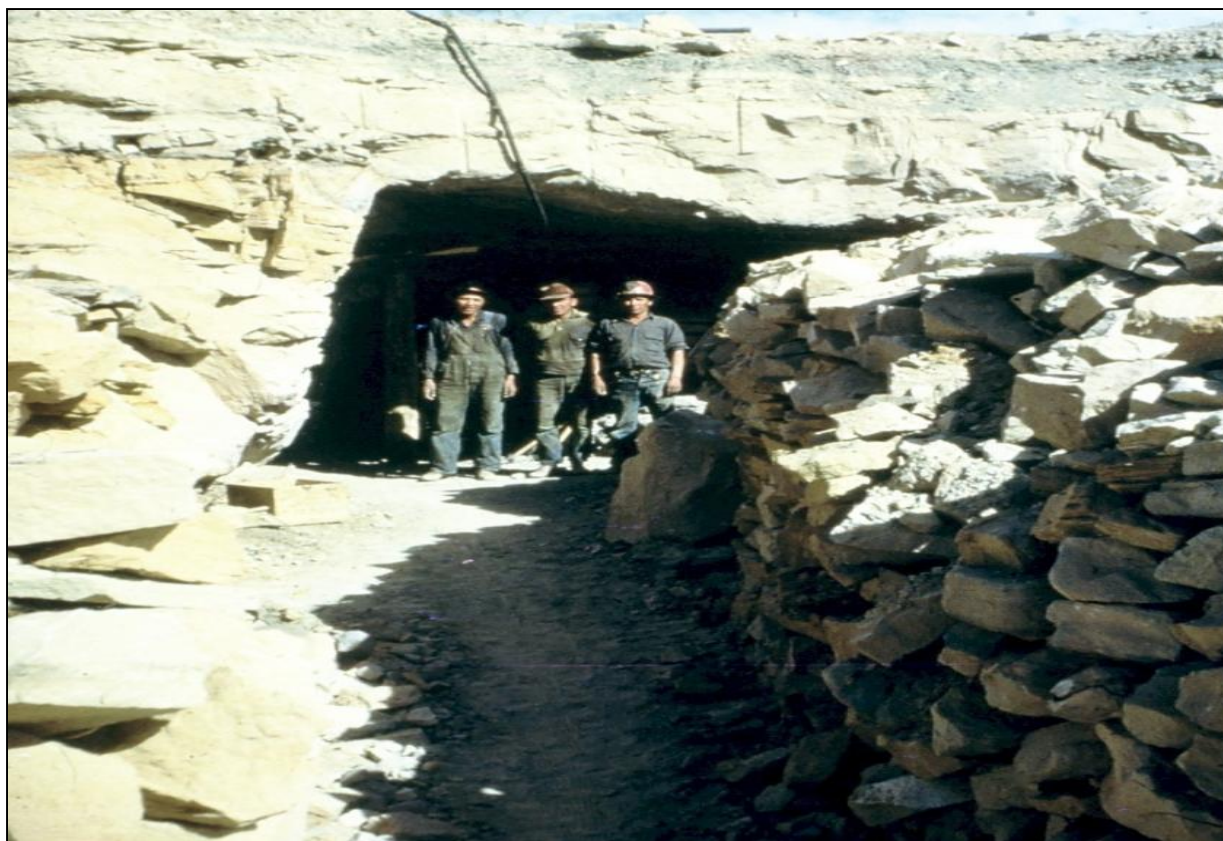
US EPA ARCHIVE DOCUMENT



Federal Actions to Address Impacts of Uranium Contamination in the Navajo Nation

Uranium Stakeholders Workshop

April 2013



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Federal Agencies

- **Centers for Disease Control & Indian Health Service – Health Assessment**
- **Department of Energy – Mill Sites**
- **Nuclear Regulatory Commission – Regulated Facilities**
- **Bureau of Indian Affairs – Tuba City Dump**
- **EPA – Structures, Water Supplies, and Mines**



Assessment and Cleanup of Contaminated Structures



Outcomes

- Together, the EPA and NNEPA surveyed 878 structures and, when found to pose a health risk, the EPA demolished and rebuilt or provided financial compensation for the structures.
- In total, 34 structures were addressed and contaminated soil from 18 yards was removed.

Assessment of Contaminated Water Sources, and Provision of Alternative Water Supplies



Outcomes

- The EPA, CDC, NNEPA, IHS, and Navajo Department of Water Resources tested 240 unregulated water sources; 29 sources exceeded drinking water standards for uranium or radionuclides
- Shut down or posted sources exceeding drinking water standards; conducted a comprehensive public outreach campaign
- Indian Health Service, HUD and the EPA partnered to provide \$26.7M for 14 projects providing piped water to 808 homes. The EPA provided \$2.6M to NDRW for a water hauling program to serve up to 3000 residents in rural areas

Assessment of Abandoned Mines, with Detailed Assessments of those Most Likely to Pose Environmental or Health Problems



Outcomes

- The EPA and NNEPA conducted on-site screening evaluations at 521 mine claims
- EPA and NNEPA are using the information collected, along with meeting with Chapter residents and officials to help determine where place resources next

Cleanup of the Northeast Church Rock mine site and additional high priority abandoned mine sites

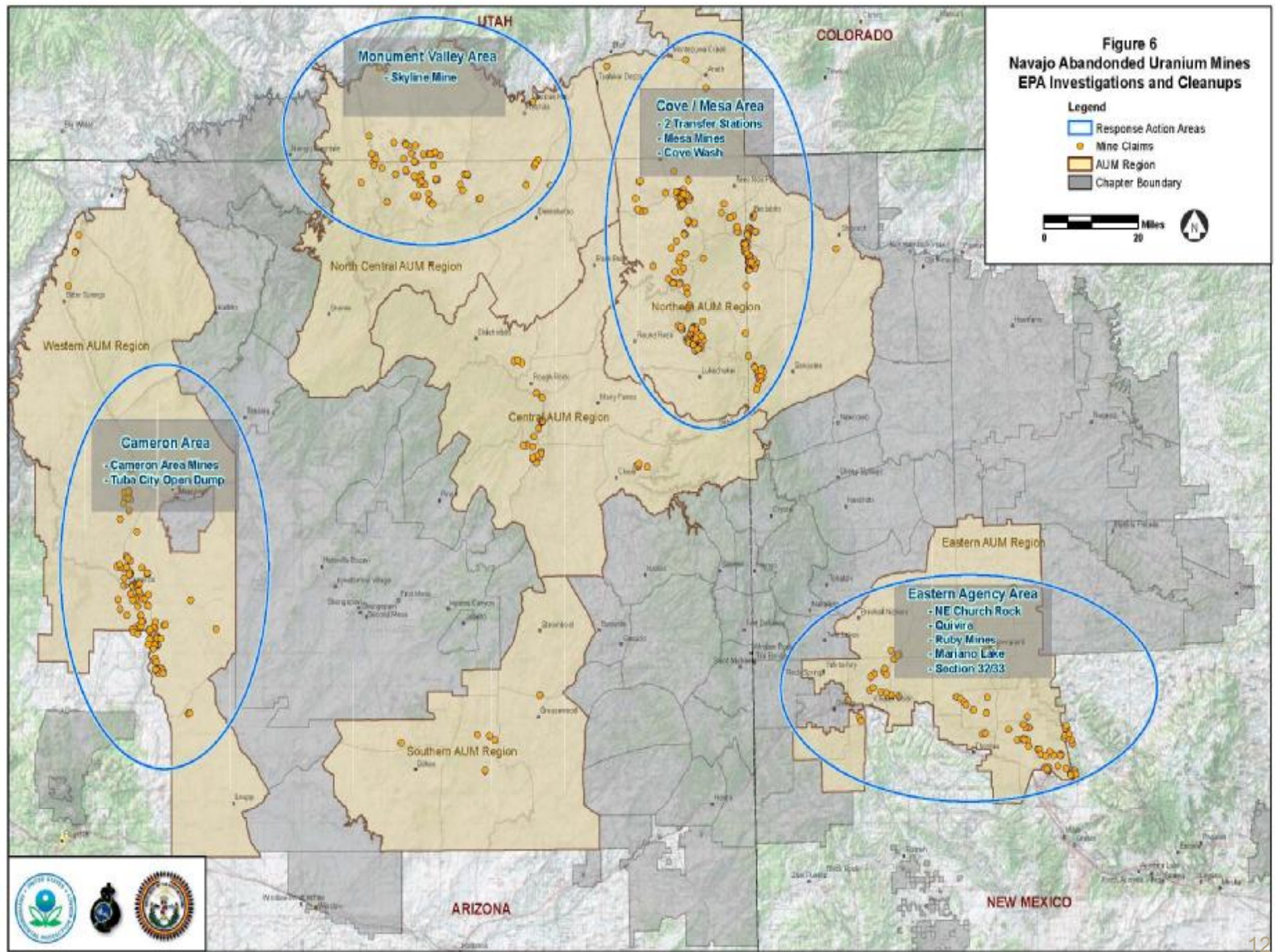


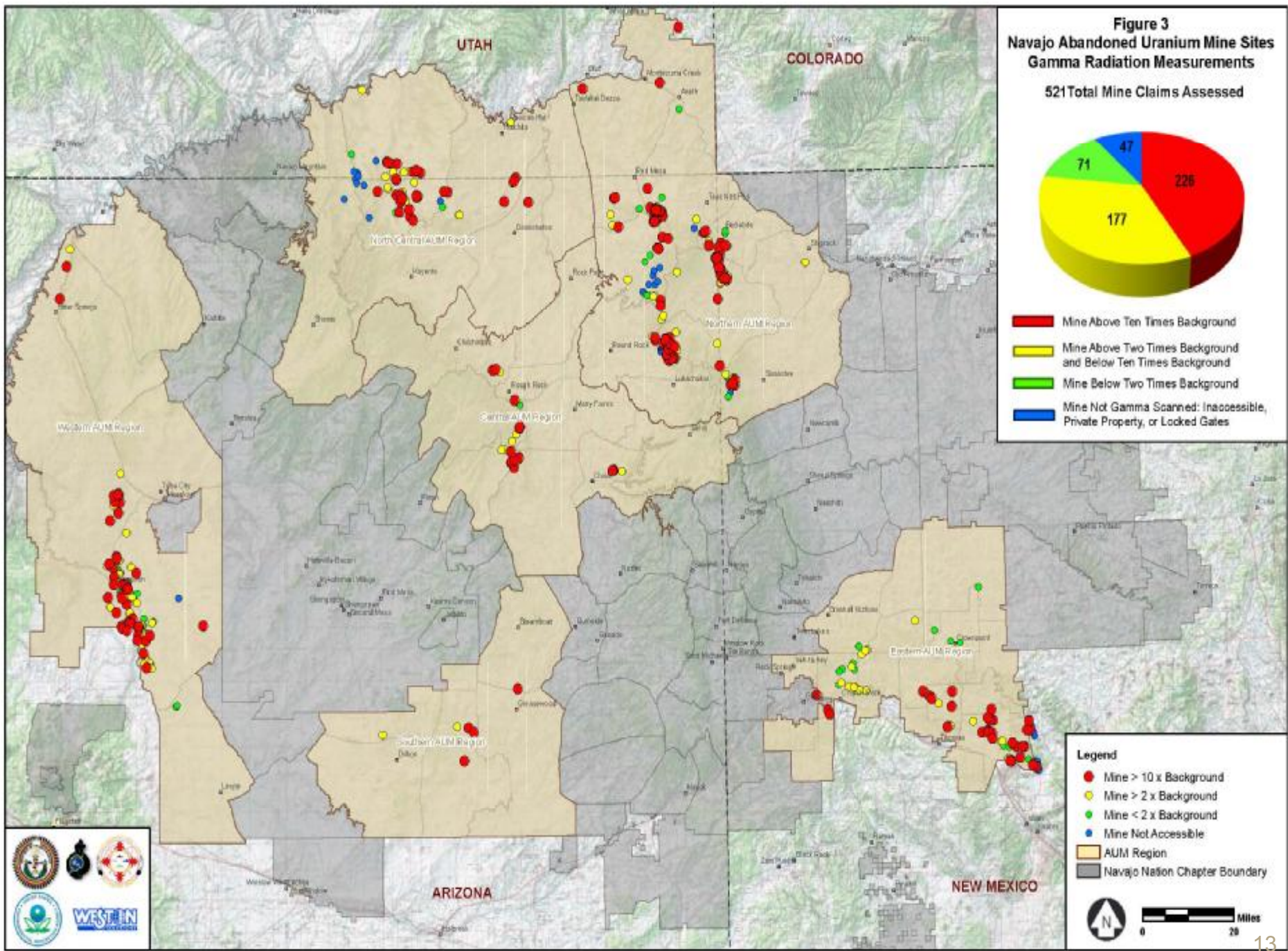
Outcomes

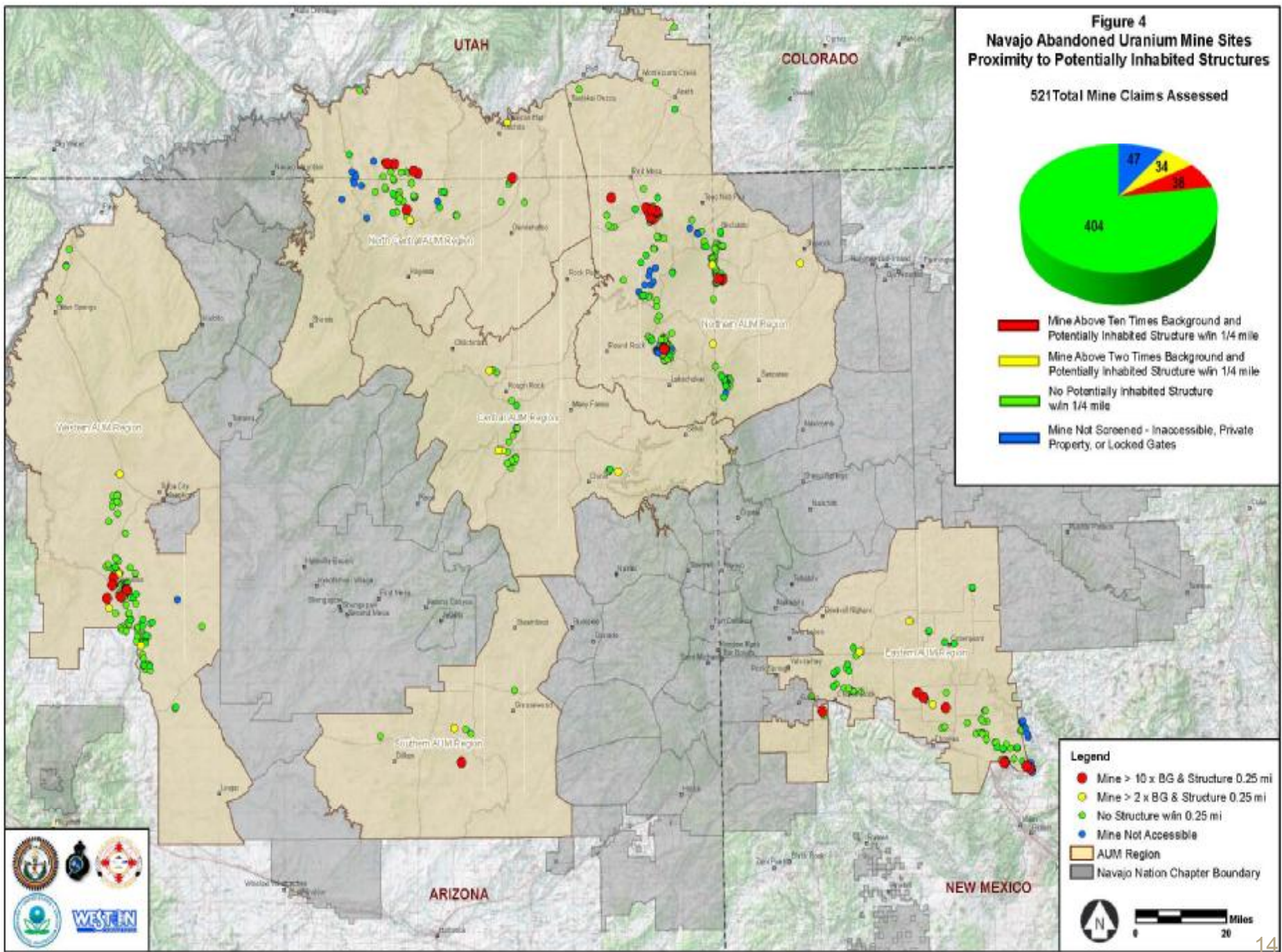
- In 2011, the EPA issued a cleanup plan for the removal of approximately one million cubic yards of mine waste from Northeast Church Rock mine.
- In the intervening time, the EPA and the responsible party conducted two large-scale interim cleanup actions to remove a total of 130,000 cubic yards of contaminated soil and addressed all known soil contamination remaining on the reservation from the adjacent NECR mine site.
- For the next few years, the EPA will be working closely with NRC, DOE, and the Navajo Nation to execute the cleanup plan and potential disposal of the mine waste at the UNC Church Rock Mill Site.

Outcomes

- EPA and NNEPA worked together to identify other mines to begin cleanup actions.
- Between 2007 and 2012, the EPA took response actions at 9 mine sites throughout the Navajo Nation.
- In 2011, mine cleanup was completed at Skyline Mine, in Monument Valley, Utah.







Next Steps

April 2013

- April 16-17: Stakeholder Workshop in Gallup, NM

May-September
2013

- Agencies collaborate in development of new 5-Year Plan based on input from Stakeholder workshop and data collected during previous 5 years

Fall 2013

- Issuance of new 5-Year Plan

Questions?

