

WESTERN ABANDONED URANIUM MINE (AUM) REGION

Number of abandoned uranium mines in the Western AUM Region: 111

Of these 111 mines, seven are priority mines

Western AUM Region includes the following chapters: Cameron, Coalmine Canyon, Bodaway/Gap, and Leupp

PRIORITY MINES AND SETTLEMENTS

USEPA, in partnership with Navajo Nation EPA (NNEPA), has identified 523 AUMs on the Navajo Nation. Of these 523 AUMs, 46 mines were identified as “priority mines” based on radiation levels, proximity to homes, and potential for water contamination.

There are seven priority mines in the Western AUM Region. Funds are available to begin the cleanup process at 43 mines, approximately 39% of the mines in the Western AUM Region, which includes all seven priority mines. USEPA continues to look for companies responsible for the AUMs in this region to assess and clean up the remaining mines.



USEPA and Navajo AML tour to A&B Mines with Cameron chapter leaders.

Table 1: Summary of the Western AUM Region identifying the name of the potentially responsible party or trust responsible for mine clean-ups, the number of mines, and the status in the Superfund process.

See section below "Legal Agreements and AUM Cleanup Activities" for more information on the settlements.

Name of Potentially Responsible Party or Trust Settlement	Number of Mines*	Superfund Process Status
El Paso Natural Gas	<ul style="list-style-type: none"> 19 mines (two of which are priority mines) 	<ul style="list-style-type: none"> Removal Site Evaluation in progress, reports to be completed in 2018 for two priority mines
Babbitt Ranches	<ul style="list-style-type: none"> One priority mine 	<ul style="list-style-type: none"> Removal Site Evaluation in progress, reports to be completed in 2018
EnPro Holdings	<ul style="list-style-type: none"> Eight mines (two of which are priority mines) 	<ul style="list-style-type: none"> Removal Site Evaluation in progress, reports to be completed in 2019
Phase 1 Trust (limited to mine assessments) Phase 2 PO Trust (limited to mine cleanups, as needed)	<ul style="list-style-type: none"> One priority mine 	<ul style="list-style-type: none"> Removal Site Evaluation in progress, reports to be completed in 2018
Phase 2 RSE Trust	<ul style="list-style-type: none"> 13 mines 	<ul style="list-style-type: none"> Removal Site Evaluation in progress
Wells Cargo	<ul style="list-style-type: none"> One priority mine 	<ul style="list-style-type: none"> Removal Site Evaluation in progress by USEPA, report to be completed in 2018
Total	43 mines (seven of which are priority mines)	

*One mine claim can include more than one site.

Legal Agreements and the Superfund Cleanup Process

In 2013, USEPA signed a legal agreement called an “Administrative Order on Consent” with El Paso Natural Gas to assess 19 mines, including two priority mines (Charles Huskon No. 12 and Charles Huskon No. 14). Removal Site Evaluation (RSE) reports, which provide information needed to determine the extent of contamination at the mines, are expected to be complete in 2018 for the two priority mines. In 2018, El Paso Natural Gas entered into a settlement agreement with USEPA to evaluate actions at the two priority mines sites and will be shared with the public in an Engineering Evaluation Cost Analysis (EE/CA) report.

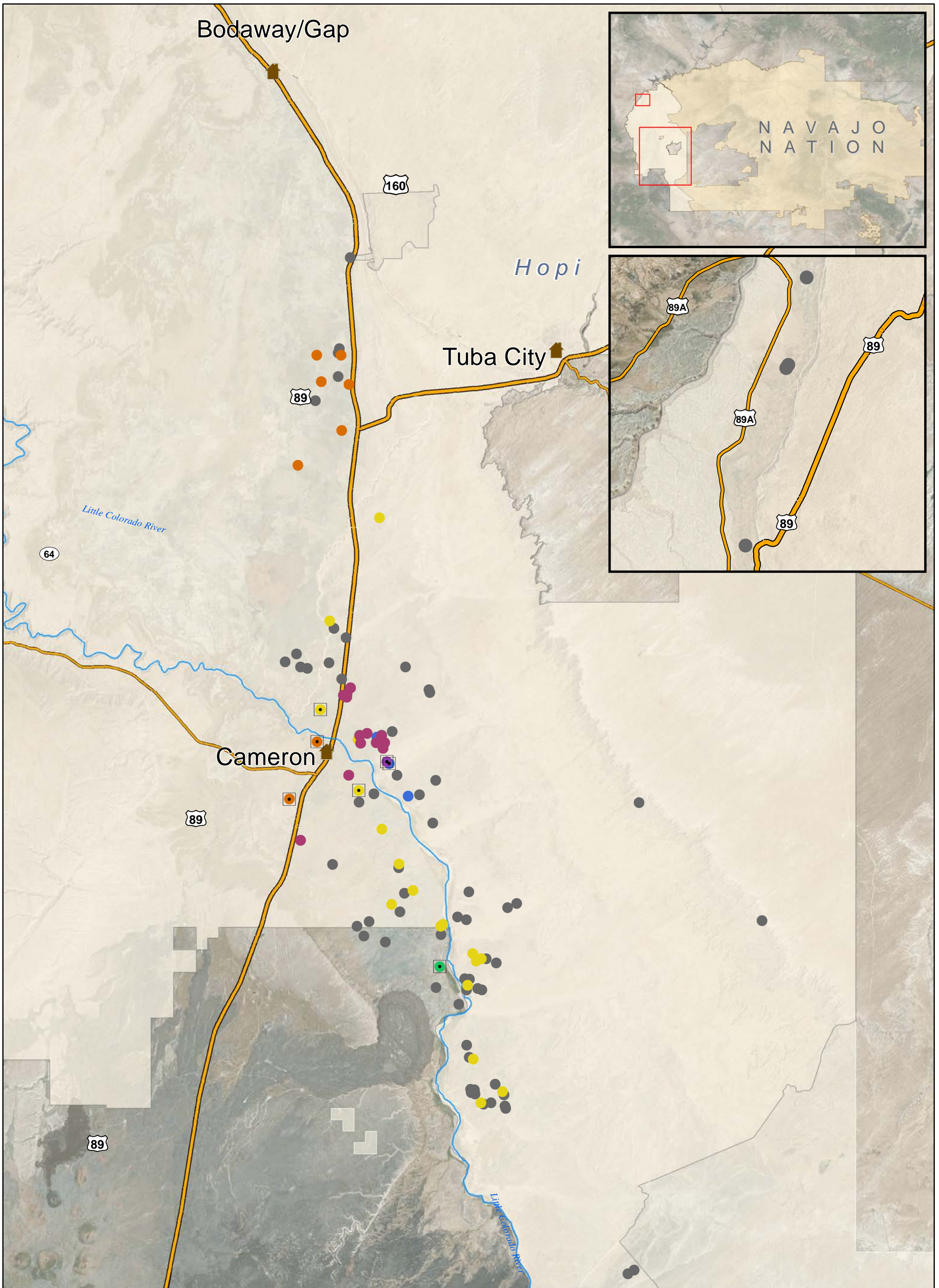
In 2014 and 2015, USEPA sent notices to EnPro Holdings (formerly Coltec Industries) stating they are a potentially responsible for cleaning up eight mines in the area, including two priority mines (A&B No. 2 and

A&B No. 3). In 2016, USEPA sent notice to Wells Cargo stating they are a potentially responsible for three mines in the area, including one priority mine (Juan Horse No. 3).

In 2016, USEPA signed an agreement with Babbitt Ranches to assess the Section 9 Lease mine, a priority mine located across the Little Colorado River from Navajo Nation, about 10 miles southeast of Cameron, AZ. Field work to assess this mine is ongoing in 2018.

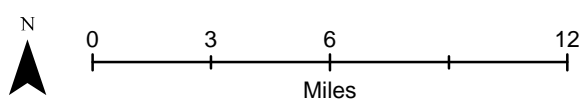
In 2017, USEPA signed a legal agreement with EnPro Holdings to assess eight AUMs, including two priority mines. Removal Site Evaluations, which are in progress, will be completed in 2019.

USEPA’s goal is to complete detailed assessments of all priority mines in the Western AUM Region by the end of 2018.



Navajo Nation - Western Abandoned Uranium Mine Region

- Phase 1 Trust Mines
- Phase 2 RSE Trust Mines
- Babbitt Ranches Section 9 Mine
- El Paso Natural Gas Mines
- EnPro Mines
- Wells Cargo Mines
- All Other Mines
- Priority Mines
- Chapter Houses



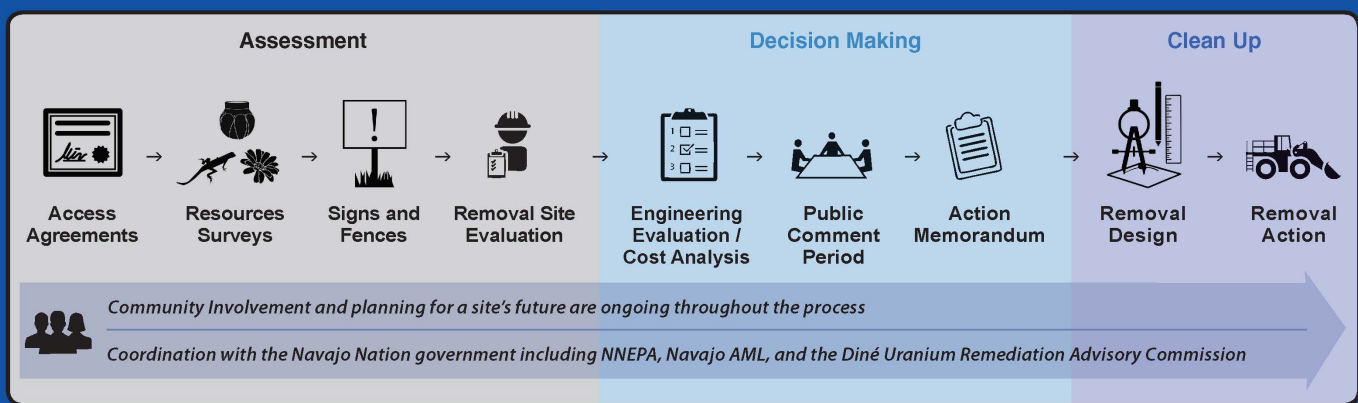
PHASE 1 SETTLEMENT

In 2015, the Navajo Nation and the United States entered into a \$13.2 million settlement called the Phase 1 Settlement. The Phase 1 Settlement includes one trust account, the Phase 1 Trust, and is managed by an independent trustee, with USEPA and NNEPA oversight. This settlement provides funds to assess 16 priority mines on Navajo Nation, including one in the Western AUM Region. In 2015, assessment work began at this priority mine: Boyd Tisi No. 2. A Removal Site Evaluation report is expected to be complete in 2018.

PHASE 2 SETTLEMENT

In 2016, the Navajo Nation and the United States entered into an additional legal settlement called the Phase 2 Settlement. The Phase 2 Settlement includes two trust accounts: the Phase 2 Removal Site Evaluation (RSE) Trust and the Phase 2 Priority Orphan (PO) Trust. The Phase 2 trusts will be managed by independent trustees, with USEPA and NNEPA oversight. The Phase 2 RSE Trust provides funds to assess 30 mines on the Navajo Nation (including 13 mines in the Western AUM Region) and conduct two water studies. The Phase 2 PO Trust will provide funds to clean up the 16 mines assessed under Phase 1 Trust, as needed, including the one Phase 1 mine in the Western AUM Region: Boyd Tisi No. 2.

Superfund Process on the Navajo Nation



Reduce Your Contact with Uranium and Radiation

Steps to keep yourself safe:

- Stay away from abandoned mines and mills
- Find out if your home is a contaminated structure
- Use regulated water for human needs
- Never use unregulated water for human needs—even if it looks ok
- Use good water hauling practices to keep your water clean
- Get regular cancer screenings, like pap tests, mammograms, colonoscopies, and other cancer screenings

For More Information

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USEPA Navajo Abandoned Uranium Mine webpage: www.epa.gov/navajo-nation-uranium-cleanup