

Legal Agreements and the Superfund Cleanup Process

EL PASO NATURAL GAS

In 2013, USEPA signed a legal agreement called an “Administrative Order on Consent” with El Paso Natural Gas to assess 19 mines. A Removal Site Evaluation (RSE) studies and reports on where contamination is found at the mines. El Paso Natural Gas completed RSEs at two mines in 2019 and plans to complete RSEs at the other 17 mines in 2023. El Paso Natural Gas is sharing a comparison of cleanup options, called an Engineering Evaluation/Cost Analysis (EE/CA), for public comment in March 2023, for Charles Huskon (CH) 12 and later in 2023 for CH 14.

ENPRO HOLDINGS

In 2014 and 2015, USEPA sent notices to EnPro Holdings (formerly Coltec Industries) identifying the company as a potentially responsible party for cleaning up eight mines in the area. In 2017, USEPA signed a legal agreement with EnPro Holdings to assess those mines. In 2022, EnPro Holdings completed RSEs for two mines: A&B No. 2 and A&B No. 3. Field work to assess the remaining six mines is in progress.

BABBITT RANCHES

In 2016, USEPA signed an agreement with Babbitt Ranches to assess the Section 9 Lease mine. This mine is located across the Little Colorado River from Navajo Nation, about 10 miles southeast of Cameron, AZ. Field work to assess this mine was completed in 2018, and the RSE was completed in 2021. The EE/CA will be completed and shared with the community for public comment in later 2023.

WELLS CARGO

USEPA is in negotiations with Wells Cargo for investigations at three mines. In Fall of 2023, USEPA plans to collect additional data at Juan Horse No. 3 and conduct RSEs at Manuel Denetsone 2 and Max Johnson 9.

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 included one trust account, the Phase 1 Trust, and was managed by Sadie Hoskie, an independent trustee, with USEPA and NNEPA oversight. This settlement provided funds to assess 16 mines on Navajo Nation, including one mine in the Western AUM Region. In 2015, assessment work began at the one mine, Boyd Tisi No. 2, and the RSE was completed and presented to the community in 2018.

PHASE 2 SETTLEMENT

In 2016, the Navajo Nation and the United States entered into a legal settlement called the Phase 2 Settlement. The Phase 2 Settlement created a trust account, the Phase 2 Trust, that is managed by Derrith Watchman-Moore, an independent trustee, under USEPA and NNEPA oversight. The Expanded Trust Agreement, signed on February 14, 2022, replaces the Phase 2 Settlement and provides funds to assess 30 mines on the Navajo Nation (11 mine sites in the Western AUM Region) and to conduct two water studies. The Expanded Trust Agreement also provides funding for the cleanup process at the Phase 1 sites, as needed, including the one Phase 1 mine in the Western AUM Region, Boyd Tisi No. 2.

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 website: www.epa.gov/navajo-nation-uranium-cleanup



NAVAJO NATION

U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • March 2023

Western Abandoned Uranium Mine (AUM) Region includes the following Chapters: Cameron, Coalmine Canyon, Bodaway-Gap, and Leupp

NUMBER OF MINES IN THE WESTERN AUM REGION

U.S. Environmental Protection Agency (USEPA), in partnership with the Navajo Nation EPA (NNEPA), has identified 523 AUMs on the Navajo Nation. Of those 523 AUMs, 111 are in the Western AUM Region. Funds are available to begin the cleanup process at 43 mines in the Western AUM Region. USEPA continues to look for companies responsible to assess and clean up the remaining mines in this region.



Phase 2 Trust contractors conducting field survey of a background location in the Western AUM area.

Superfund Process on the Navajo Nation

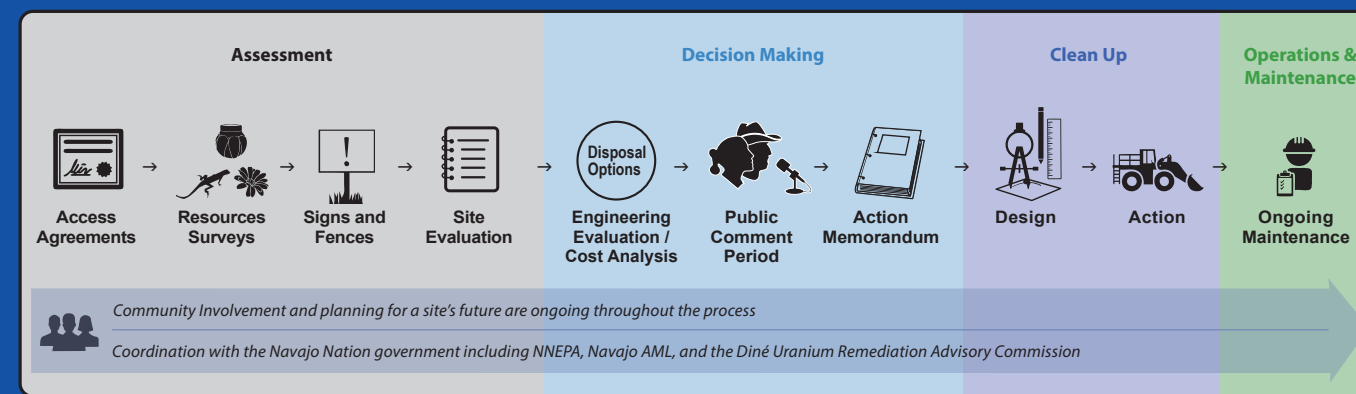
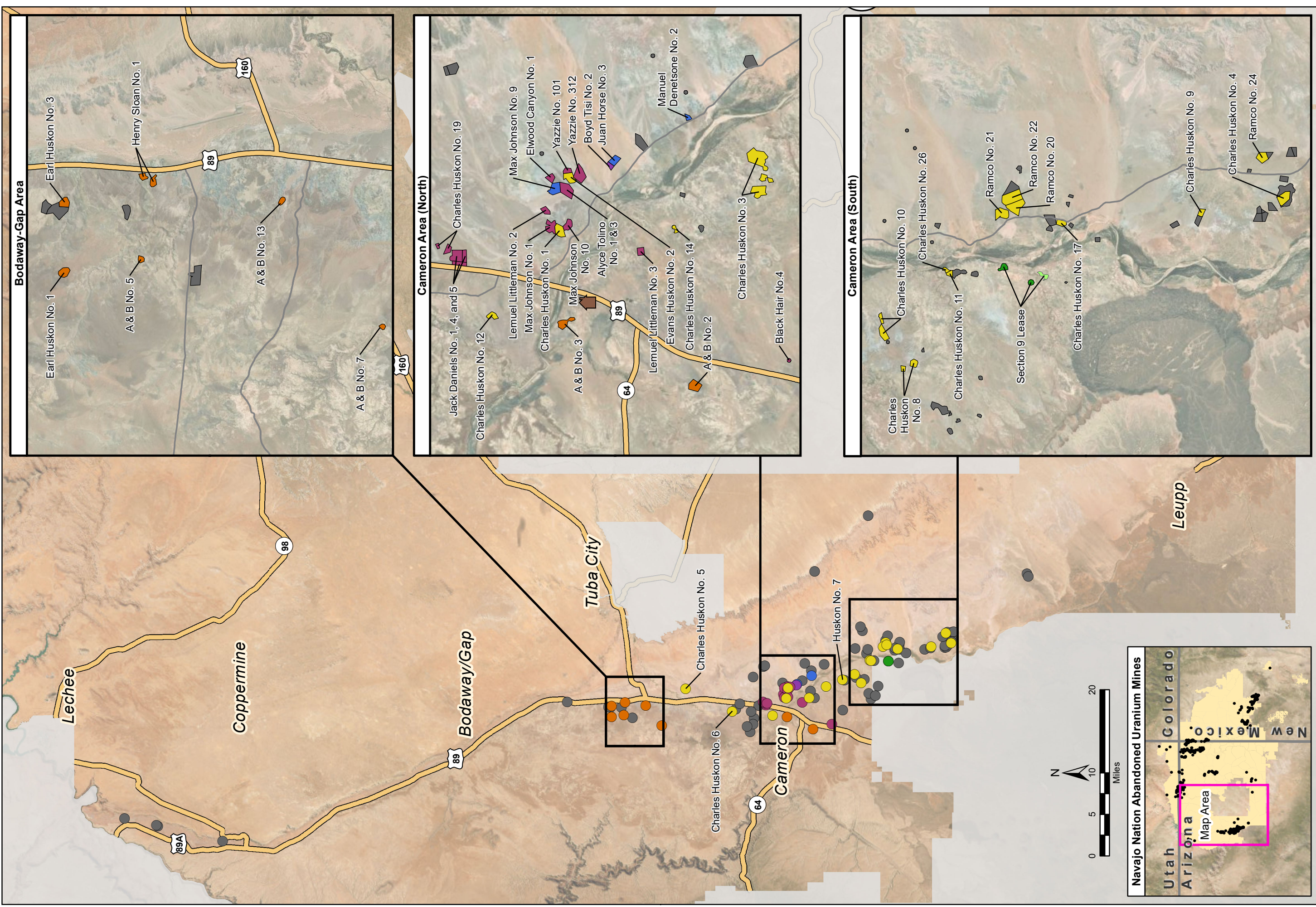


Table 1: Summary of the Western AUM Region identifying the name of the potentially responsible party or trust responsible for mine cleanup, the number of mines, and the status in the Superfund process.

See "Legal Agreements and the Superfund Cleanup Process" section for more information.

Name of Potentially Responsible Party or Settlement and Number of AUMs	Removal Site Evaluation (RSE)	Engineering Evaluation/Cost Analysis (EE/CA)
El Paso Natural Gas • 19 mines	<ul style="list-style-type: none"> • RSEs for CH 12 and 14 were completed in 2019. • RSEs for the other 17 mines will be completed in 2023. 	<ul style="list-style-type: none"> • EE/CAs for CH 12 and 14 will be completed in 2023.
EnPro Holdings • Eight mines	<ul style="list-style-type: none"> • RSEs were completed for A&B No. 2 and 3 in 2022. • RSEs for the remaining six AUMs will be completed in 2023. 	<ul style="list-style-type: none"> • EE/CAs for A&B No. 2 and 3 will be completed in 2023.
Babbitt Ranches • One mine	<ul style="list-style-type: none"> • RSE was completed in 2021. 	<ul style="list-style-type: none"> • EE/CA will be completed in 2023.
Wells Cargo • Three mines	<ul style="list-style-type: none"> • RSE was completed for Juan Horse No. 3 in 2019, and additional data will be collected in 2023. • RSEs are in progress for two sites. 	
Phase 1 Trust • One mine	<ul style="list-style-type: none"> • RSE was completed in 2018. 	<ul style="list-style-type: none"> • Risk Assessment and EE/CA will begin in 2023.
Phase 2 Trust • 11 mines	<ul style="list-style-type: none"> • RSEs are in progress at 11 sites. 	

Total: 43 mines



Bodaway-Gap Area

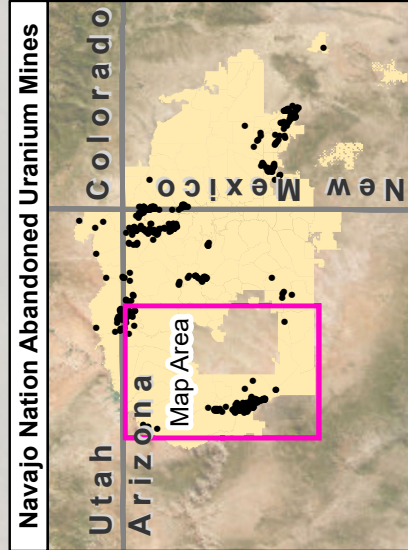
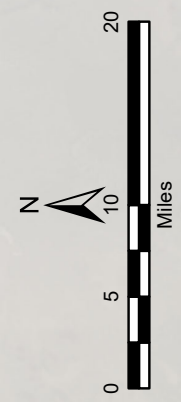
Earl Huskon No. 1
Earl Huskon No. 3
Henry Sloan No. 1
A & B No. 5
A & B No. 13
A & B No. 7

Cameron Area (North)

Jack Daniels No. 1, 4, and 5
Charles Huskon No. 19
Charles Huskon No. 12
Lemuel Littleman No. 2
Max Johnson No. 1
Charles Huskon No. 1
Max Johnson No. 101
Yazzie No. 312
Boyd Tisi No. 2
Juan Horse No. 3
Alyce Tolino No. 1 & 3
Lemuel Littleman No. 3
Evans Huskon No. 2
Charles Huskon No. 14
A & B No. 2
Lemuel Littleman No. 3
Charles Huskon No. 3
Black Hair No. 4
Manuel Denetson No. 2

Cameron Area (South)

Charles Huskon No. 8
Charles Huskon No. 10
Charles Huskon No. 11
Charles Huskon No. 26
Section 9 Lease
Charles Huskon No. 17
Charles Huskon No. 9
Charles Huskon No. 4
Ramco No. 21
Ramco No. 22
Ramco No. 20
Charles Huskon No. 24



- Mines**
- Babbitt Ranches
 - El Paso Natural Gas
 - EnPro Holdings
 - Phase 1 Trust
 - Phase 2 Trust
 - Wells Cargo Corporation
 - Currently Unfunded
- Abandoned Uranium Mines and Current Settlements**
- Chapter House
 - Highway
 - Road
 - US State
- Navajo Nation Western AUM Sites**

