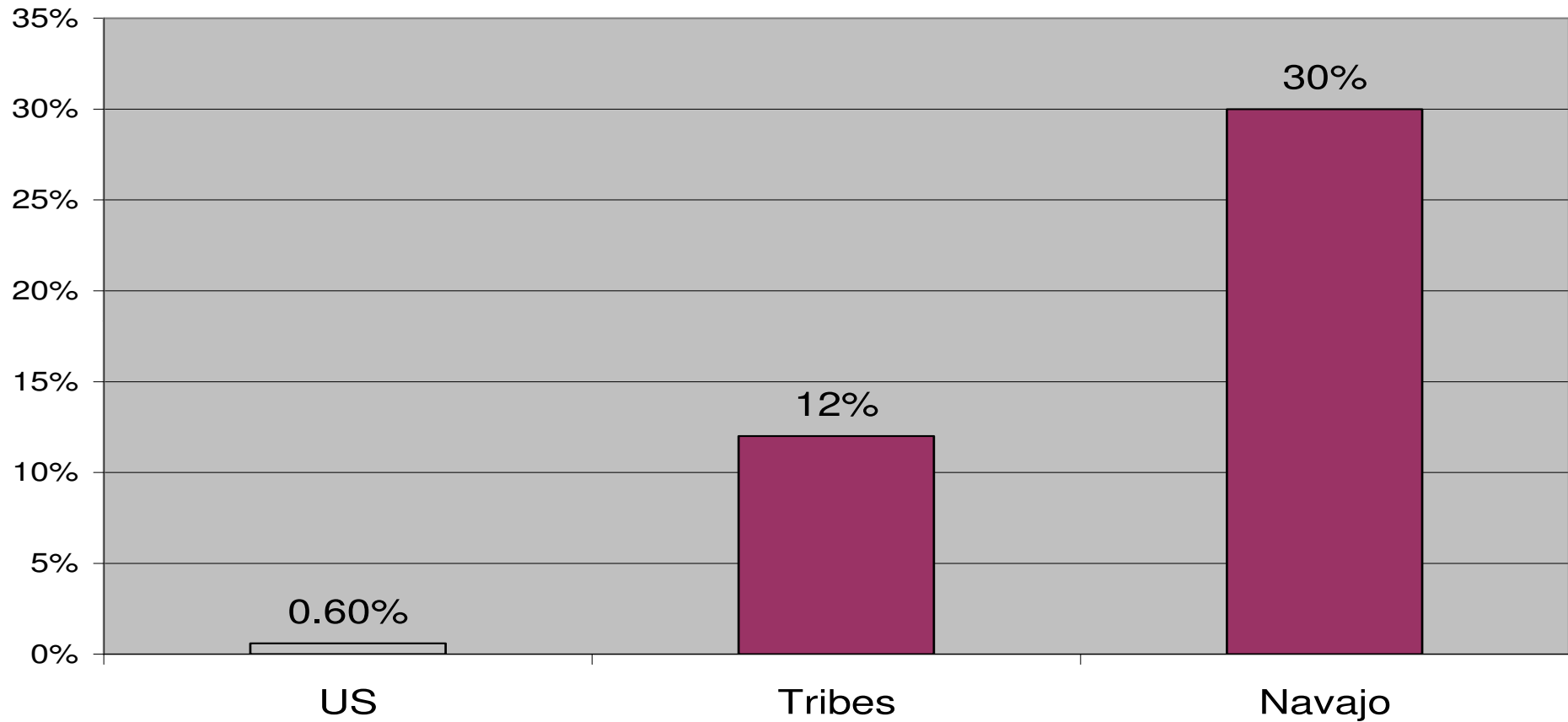


US EPA ARCHIVE DOCUMENT

Navajo Nation
Unregulated
Water Sources
Contaminated with Uranium

% Population Lacking Access to Piped Water



2009: \$57M for Navajo Water Infrastructure

- Includes \$28M of ARRA funds
- Largest single year investment at Navajo, double recent funding levels
- 10,000 homes will benefit
- 1,500 homes will receive first access to safe drinking water, including:

Homes

128	Monument Valley
107	Dennehotso, Greasewood, Baby Rocks
88	Rock Point North
71	Torreon Central, Chavez Camp
62	Defiance
61	Coppermine Porcupine Mesa
57	Sawmill NE
55	Ventana Mesa
48	Wide Ruins
48	Cottonwood East
46	St. Michaels Summit

Water Sources Contaminated with Uranium

- 199 unregulated water sources tested in 2006-2008
- 22 sources exceeded drinking water standards for uranium or other radionuclides
- Many contaminated sources are within the vicinity of regulated public water systems
- NNEPA advises against drinking water from unregulated water sources



Outreach

- Warning signs posted on the 22 contaminated water sources
- NNEPA issued Joint Health Advisory
- NNEPA Circuit Rider provides assistance to residents using unregulated water sources
- NNEPA / DiNEH Project trained community health representatives
- NNEPA / DiNEH Project conducted outreach to chapters, posted signs in chapter houses
- Navajo Times insert with locations of contaminated wells, and where to receive additional information

Díí baa' ádahotłchijh!
Water from these wells* in Baca-Prewitt-Haystack is NOT safe to drink



16B-38
Paddy Martinez Well

16T-317
Sam Long Well

16T-521 Platero Well

16T-552
Helen Martinez Well

Advisory issued jointly by DINEH Project and NNEPA-PWSSP
Dec. 2007, Rev. Feb., Mar. 2008
Call 505-262-1862 or 928-871-7755
or visit www.navajopublicwater.org

**Navajo Nation policy is that these wells are for livestock use only and are not to be used for human drinking water.*

Agenda

Alternate Water Sources

- Water infrastructure - USEPA, IHS
- Planned regional systems - NNDWR
- Water Hauling Feasibility Study and Pilot Program - NDWR

Water Sampling

- October sampling - NNEPA
- DiNEH Project Eastern Agency activities
- Dine College activities

Questions

NNEPA advises that water haulers use only regulated water hauling points for drinking water



22 Uranium Contaminated Water Sources

- Are these sources used for drinking water?
 - Yes, according to NNEPA
 - Water hauling homes are within 10 miles the sources
- Is there access to safe water?
 - 14 located along safe public water systems
 - 16 within 10 miles of safe water hauling points
- What causes uranium contamination of water?
 - Naturally occurring or mine related
 - 17 within 10 miles of uranium mines
- Will these sources be closed?
 - Chapter, community decision
 - 2 sources closed

2009 Strategy

- NNEPA, NNDWR, NTUA, IHS, EPA are working together to:
 - Connect homes to safe piped water
 - Improve access to safe water for homes not connected to piped water
- Prioritized 12 of the 22 contaminated water sources



Private Water Hauling on Navajo Reservation

2009 Status

Community	Federal Funds Provided	Water Hauling Homes Served	# Uranium contaminated wells within 10 miles	Status
Black Falls	\$0.8M	12	4	Completed 09
Monument Valley, Oljato	\$4.6M	128	2	Funded 09
Dennehotso	\$3.6M	107	2	Funded 09
Sweetwater, Mexican Water, Red Mesa	\$5.0M	93	4	Funded 09
Water Hauling Pilot Program	\$1.6M	Up to 4000	To be determined	Funded 09
Total	\$15.6M		12	