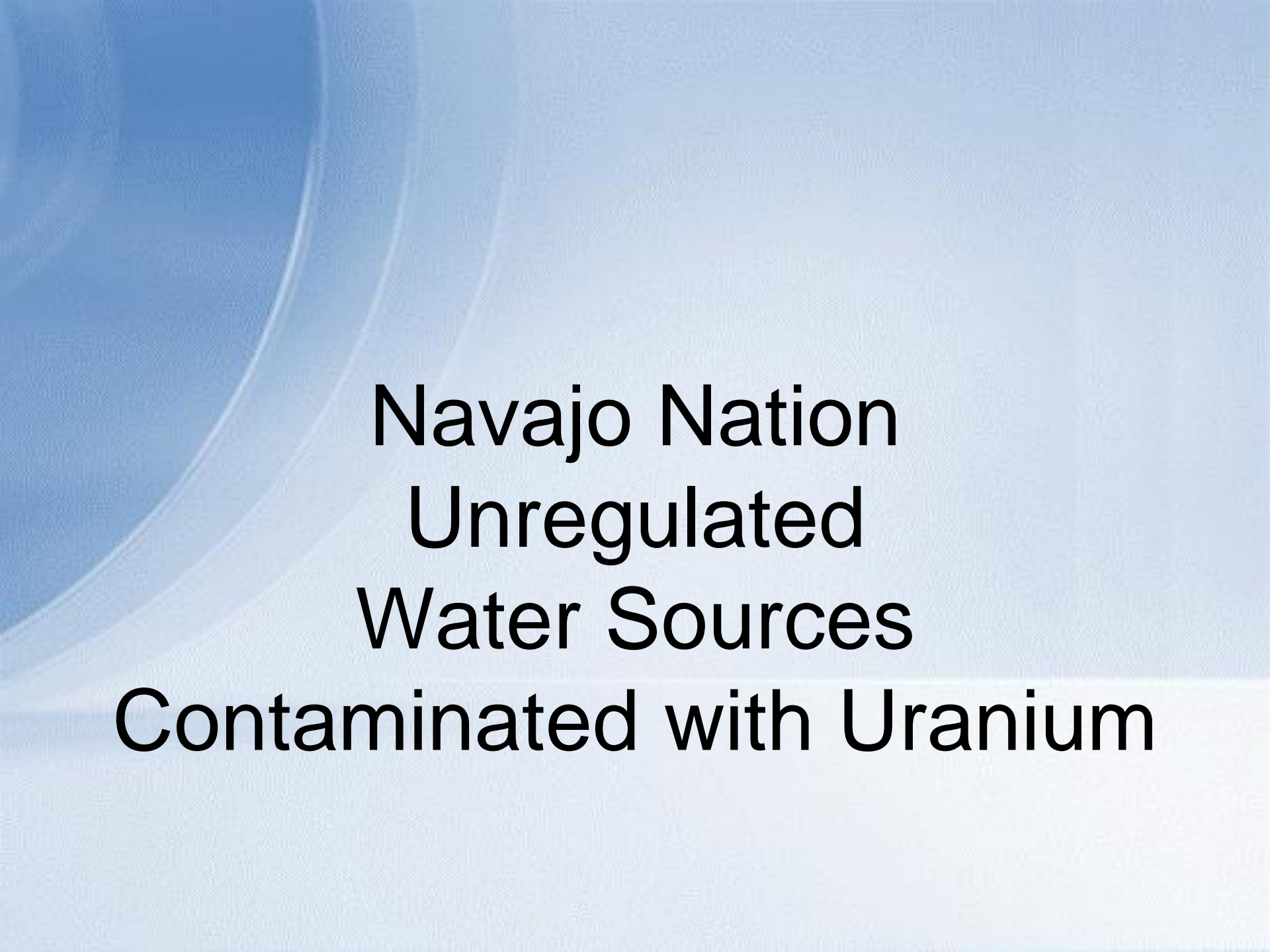
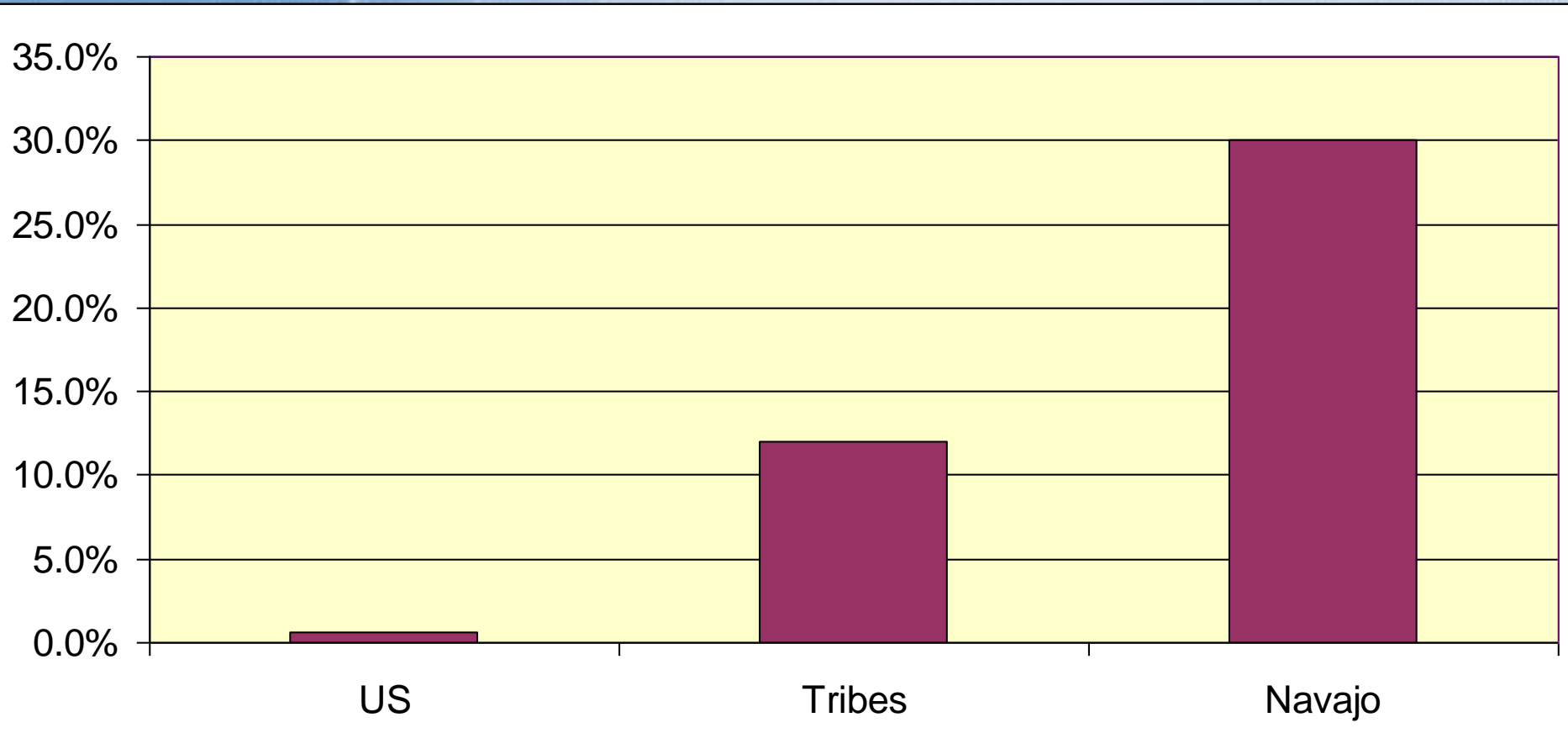


US EPA ARCHIVE DOCUMENT



**Navajo Nation
Unregulated
Water Sources
Contaminated with Uranium**

Homes Lacking Access to Safe Drinking Water



Strategy

1. Connect homes to safe piped water
2. Improve access to safe water for homes not connected to piped water



Agenda

1. October 2009 sample results
2. Dine College sample results
3. NNEPA Activities
4. Water Hauling Feasibility Study and Pilot Program
5. Drinking water infrastructure
6. Regional water systems
7. Questions

October 2009 water sampling

- 36 unregulated sources sampled in 16 chapters
- Sample team:
 - NNEPA
 - CDC
 - DiNEH Project
 - NTUA
 - USEPA



Findings

- 12 sources (36%) exceed drinking water standards for arsenic, uranium, selenium, lead and/or nitrates
- 5 sources (14%) in 5 chapters exceed uranium drinking water standards
 - 2 within 1 mile of AUM
 - 3 within 10 miles of AUM

9Y-12 in Red Mesa

Uranium Sample Results

650-700 ppb in 2009

260 ppb in 2006/2007



- 6 miles to nearest abandoned uranium mine
- Chapter resolution to close well
- Outreach to chapter ongoing
- New watering point for Red Mesa Chapter
- Shiprock to Sweetwater regional drinking water project

Water Sampling Summary

- 235 unregulated water sources tested in 2006-2009
- 25 sources exceed drinking water standards for uranium or other radionuclides
 - 11 are within 4 miles of AUM
 - 16 are near regulated public water systems
 - 19 are within 10 miles of regulated water hauling point



Outreach

- Warning signs posted at contaminated water sources
- NNEPA issued Joint Health Advisory
- NNEPA and CDC new safe water educational campaign
- NNEPA Circuit Rider assistance to residents using unregulated water sources
- NNEPA / DiNEH Project trained community health representatives
- NNEPA / DiNEH Project 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.*