



# GROUNDWATER CONTAMINATION



## Project Goals

- To make water more affordable.
- To provide clean water for communities but also keep our agriculture.
- Rich or poor every community deserves the right to have clean water.



## Why is it such a serious issue?

- Groundwater is one of our most important resources.
- It is susceptible to contaminants.
- It is such a big issue because we depend on water
- Republican Devon Mathis and Senator Ed Hernandez discuss our water crisis
- People in rural communities waste money on gas to go to other places to get fresh water.

## Sources of Groundwater contamination

- Arsenic occurs naturally in rocks, soil, plants, and animals.
- When man made products such as gasoline, oil, road salts, and chemicals get in the soil and leaches into the groundwater.



## Wildlife

- It's important to keep our wildlife safe because without it would be impossible.
- Wildlife provides us with oxygen, clean water, and soil.
- Some wild animals that have been domesticated provide us with milk, meat, and clothing.
- In some cases wildlife populations have suffered severe losses or even faced extinction due to pollution.



## Preventions

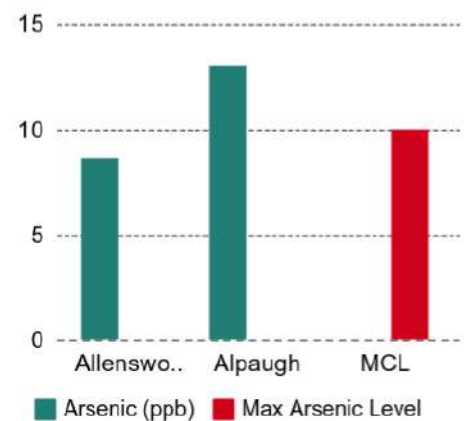
- Install Groundwater monitoring services
  - leak detection
  - repair programs to help detect when there is a leak so they can fix it.
- Properly dispose of, handle, and transport contaminants.
- Stop over-flooding agriculture fields because pesticides and fertilizers contaminate water.
- Immediately clean any dangerous spills.



## Lesson learned:

- Our water contains rat poison, ARSENIC!!!!
- People are unaware of water conditions in rural communities.
- Over 50% of the United States population depends on groundwater for drinking water.
- If birds drink or eat out of selenium water the future hatchlings are going to have deformities
- Agriculture affects groundwater.

## Contaminant Levels 2017



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