

# **Eric Fuchs Emergency Response Coordinator**



# Where We Stand Now

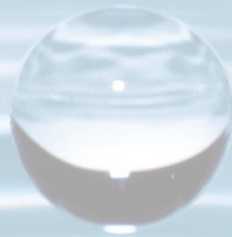
- Distribution System
- Production System
- Wastewater Collection System
- Waster Water Plants
- Wells/Plants





# Where We Stand Now

- Age and type of distribution system
- Old and Brittle PVC
- Clay Tile
- Well Casings
- Old Water Plants





# What To Expect





# What to Expect, the UNKNOWNNS

- Liquefaction
- Broken/Destroyed Distribution
- Broken/Destroyed Well Casings
- Severe Contamination
- Loss of Entire System





# Liquefaction





# Consequences

- All infrastructure will most likely be lost
- Source possibly usable but distribution and collection gone
- Contamination of Sources
- Limited Back up Power
- No Fire Protection





# Disruption of Water Table





# How Will We Get Water?

- Distribution Points
- Portable Water Systems
- Individual Treatment Systems
- SEMA/FEMA??

# How Will We Handle Waste?

- Hmmm
- Dumped Into the Environment.
- Priority is Clean Drinking Water



# Recovery

- Long Term Effort
- After Shocks
- Complete Rebuild of Infrastructure



# Preparation Efforts

- Outside help for Recovery
- Back Up Power
- Have an Emergency Response Plan
- Build it Right the First Time HDPE



# Self Preparation

- Have an Emergency Kit
- Have Some Water on Hand
- Water Purification Methods



# Questions??

**Eric Fuchs  
Emergency Response  
Coordinator**

**[efuchs@moruralwater.org](mailto:efuchs@moruralwater.org)**

**573-429-1383**