Eric Fuchs Emergency Response Coordinator

MRWA
MISSOURI RURAL WATER ASSOCIATION
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 UNKNOWNS

• 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?

- Hmmmm
- 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??

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