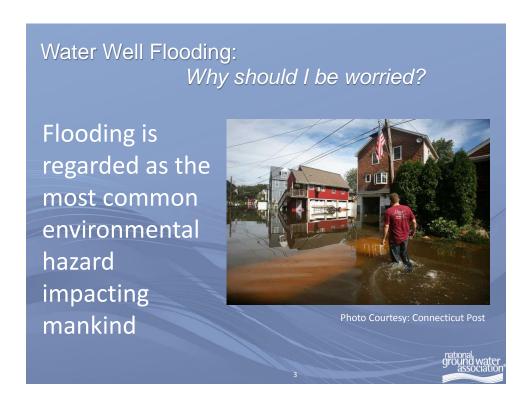
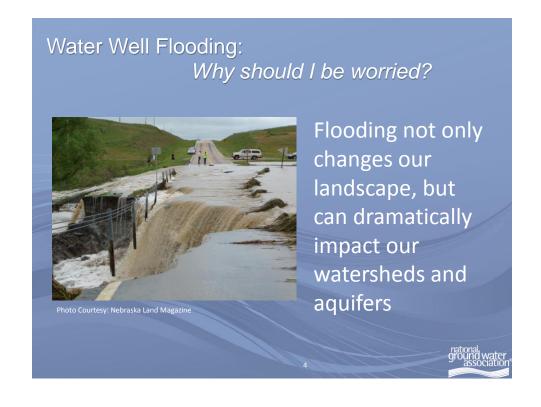


# Water Well Flooding: What Do You Do?

- Why should I be worried?
- What steps do I take before a flood?
- What do I do when a flood is imminent?
- How do I respond to a flooded well?
- Who can help me with a flooded well?
- Additional Resources







# Water Well Flooding: Why should I be worried?

Flooding of a water well can...

- Damage or destabilize the well structure
- Introduce a variety of natural and anthropogenic contaminants
- Introduce sediment into the borehole



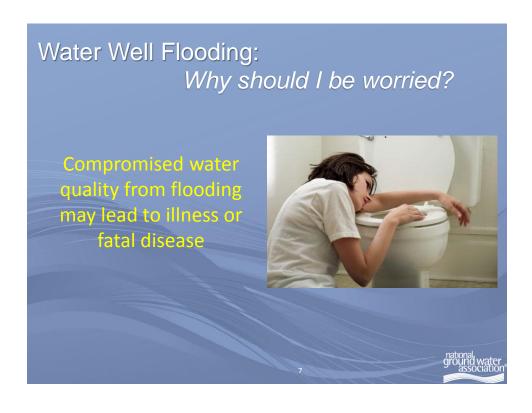
# Water Well Flooding: Why should I be worried?

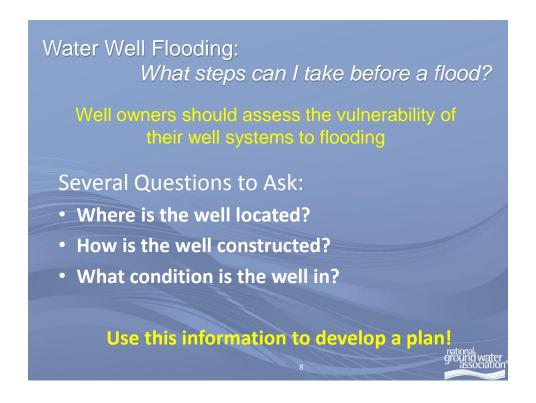


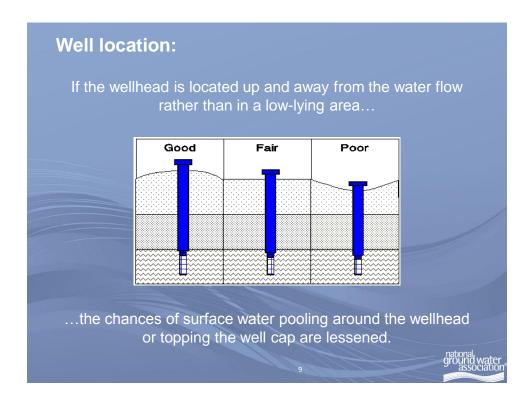
Depending on the area - or even the specific spot where your well is located, flooding can threaten:

- The quality of your water supply
- The condition of your well system

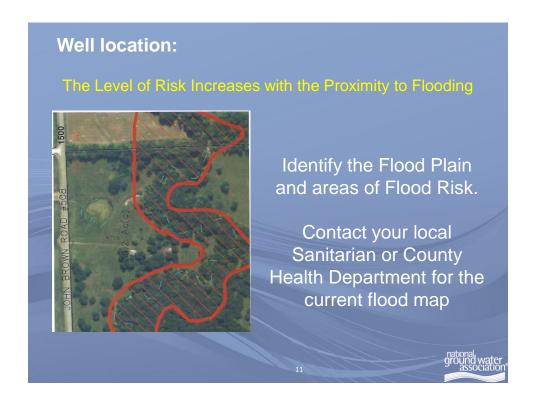




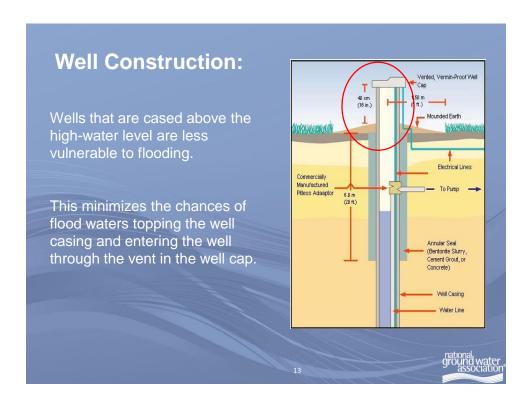






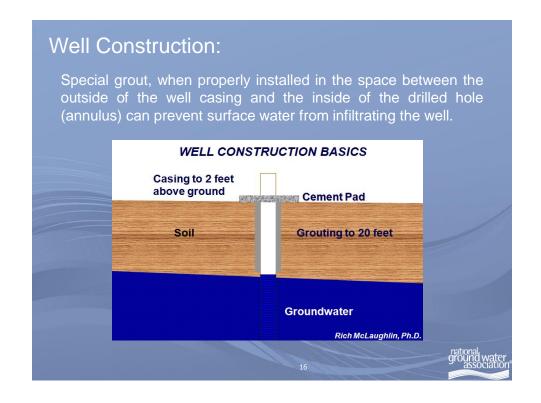
















Regular Inspection of the Well Head and Surface Seal are encouraged – especially in areas prone to flooding, subsidence, or impacted by extreme drought conditions.

#### Condition of the Well:

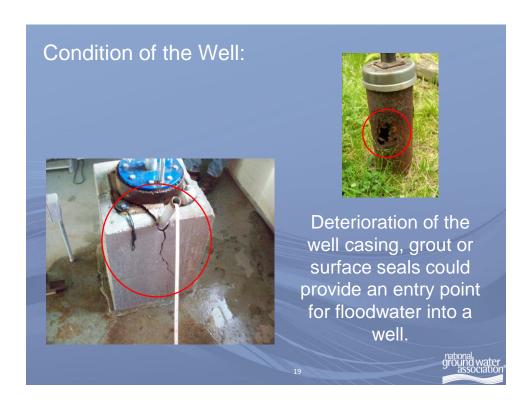
The condition of the well prior to a flooding event can significantly impact the level of concern and type of response needed.

Damage and deterioration can occur on the surface and subsurface of the well.

Water Wells naturally foul due to the water chemistry and native bacteria within the aquifer. Wells also age and the materials used in construction can degrade over time with use.

A well that is properly maintained can minimize or eliminate the well's vulnerability to flooding and reduce the steps necessary to return it to active use.

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## What do I do when a flood is imminent?

- Turn the power to the well system off.
- "seal" the well
- Sandbag the vicinity of the well / well house
- Alert your well professional

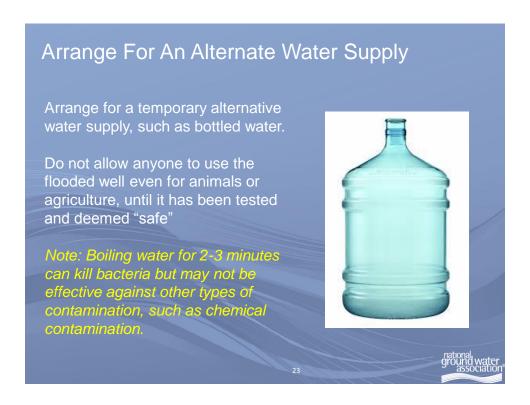


## How do I respond to a flooded well?



- Arrange an alternative water supply
- Contact a Well Professional to:
  - Evacuate the surrounding area of debris and standing water
  - Pump the well
  - Clean the well and make any repairs if necessary
  - Disinfect
- Sample & Test the Water Quality

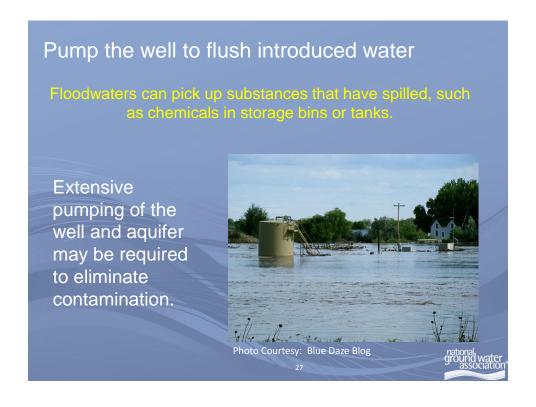


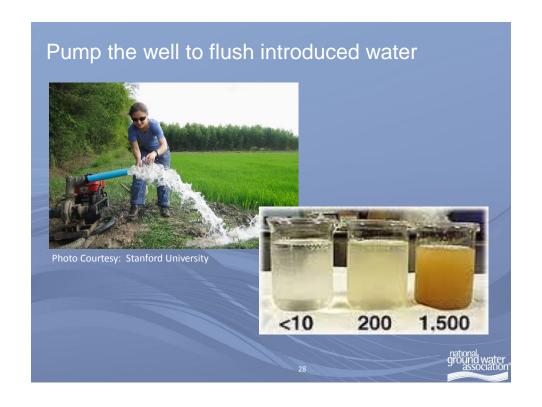










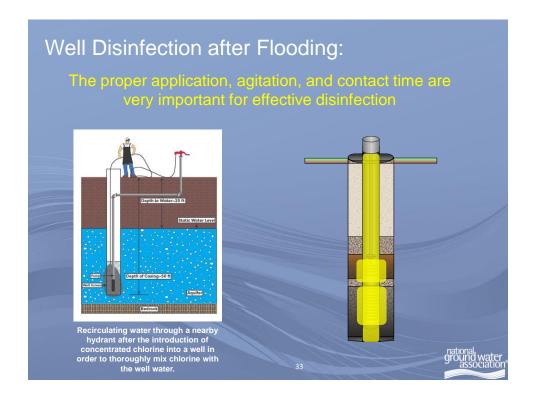


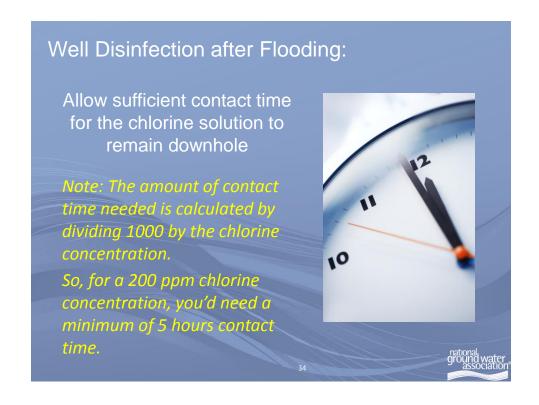






















## **Summary**

- Flooding can harm well systems, impacting the structure, water quality, and long-term usefulness of a well.
- Make sure your well is maintained properly and "trouble-free" before a flood is imminent.
- Should flooding occur, respond accordingly.
- Contact a Certified Well Professional when trouble strikes.
- Continue to monitor flooded wells after they have been returned to active use.



