

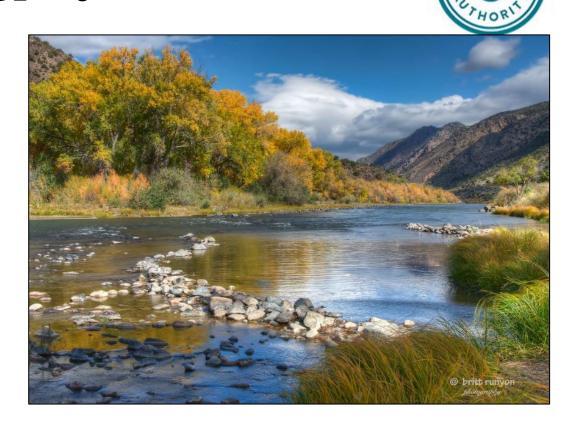
# Source Water Protection Neglected Contamination Sites

Kelsey Bicknell Environmental Manager

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#### What is "Source Water"?

- Source water is water from rivers, lakes, etc. (surface water) or underground aquifers (groundwater) that is used to supply drinking water
- Source water protection refers to the policies and actions taken to protect water sources from contamination.



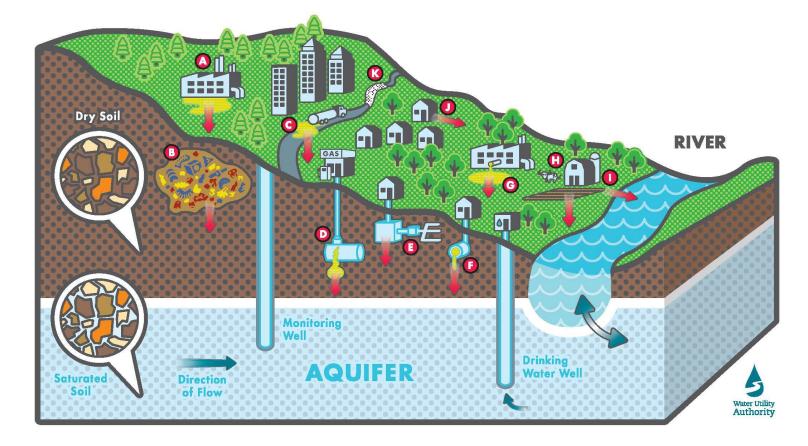
#### Identify Risks to Source Water

### Risk presented to source water depends on:

- Likelihood of occurrence
- Severity of impact

# POTENTIAL SOURCES OF GROUNDWATER CONTAMINATION





#### **Source Water Protection Plan**





What are the threats to our source waters?



What protection measures can reduce/eliminate threats?



What agencies/entities are involved?

Source Water Protection Plan

### Water Authority Site Engagement



<b>Typical Contamination Site</b>	Neglected Contamination Site
Identify regulatory authority and responsible party	Unable to identify a responsible party or regulatory authority
Use available site information to understand the nature and extent of contamination	Little to no information about site contamination
Assess threat to source water (groundwater and/or surface water)	Increased uncertainty in assessment of source water threats
Advocate for timely and complete cleanup	→ No mechanism for advocating for cleanup

#### Carlisle Village Cleaners Site





Only emergency response authority is available

#### **Available Site Information**

Historic dry cleaner (1950's to 1970's)



- Released dry cleaning solvent into ground
- Created vapor plume and subsurface contamination

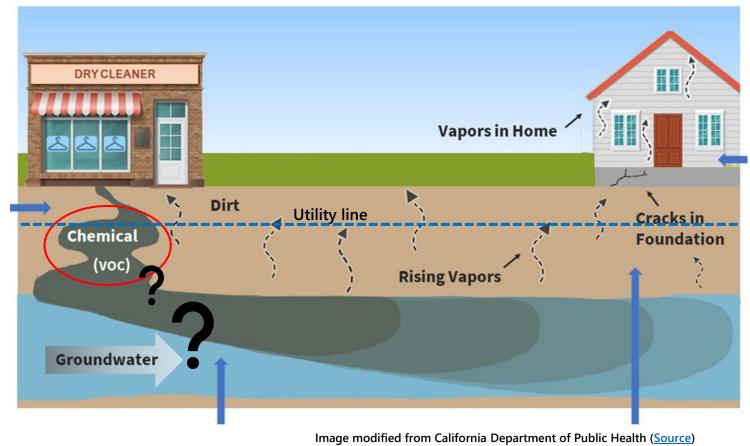
Not enough data to understand the nature and extent



Unable to fully assess threat to source water



Unable to advocate for timely cleanup because there is no funding source or regulatory authority



#### **Neglected Contamination Sites at a Local Scale**



50 out of the 300 potential sites (identified so far) are within Bernalillo County



Neglected contamination sites carry greater risk to source water because there is no mechanism to clean them up



A fully funded Neglected Contamination Site Program would allow the Water Authority to:

Better understand the risk to source water More effectively engage in progress towards cleanup



## Questions?

Kelsey Bicknell kbicknell@abcwua.org