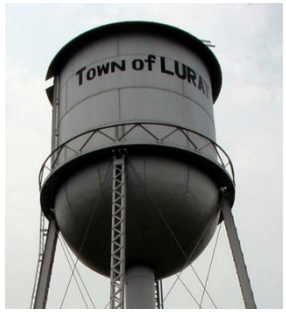
Why protect the source water when we can treat it before drinking?

Not all drinking water is treated. Source water protection is especially important for rural residents or those relying solely on private well water without access to industrial treatment and expensive testing used by public suppliers. Additionally, treatment of public water is less costly when the source water is clean, and those savings directly impact user rates.

We all play a part in protecting the health of our water resources. Contaminants may come from various sources including:

- Storm water runoff
- Wastewater treatment discharges
- Agricultural and farming activities
- Mining and industrial activities
- Leaking chemical storage tanks



For additional information about your drinking water, please contact us at:

Town of Luray

(540) 743-1974 • http://www.townofluray.com/

P.O. Box 629
45 East Main Street
Luray, VA 22835

For more information on the Town's source water protection plan please visit our website: http://townofluray.com/assets/luray_swpp_draft_08_02_2018_public-_version.pdf

Town of Luray | PWSID # 2139330

Source Water Protection

The responsibility for clean water belongs to everyone!

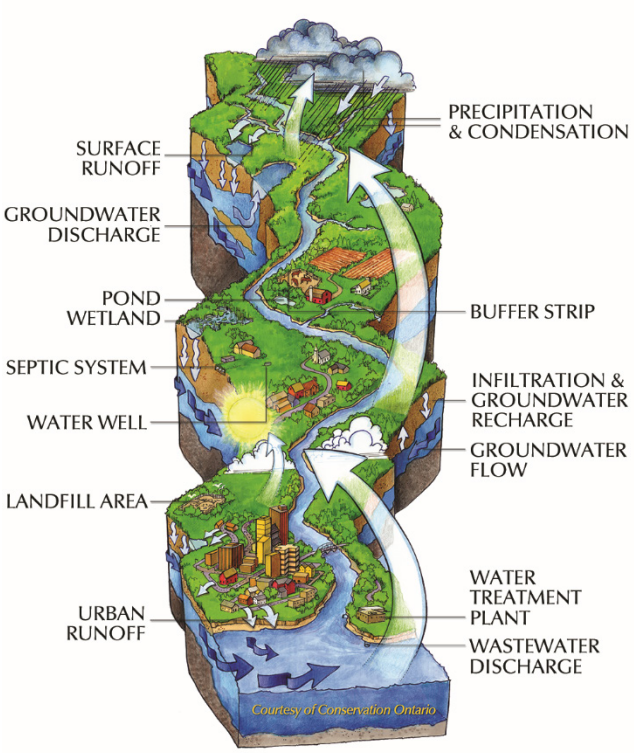
Prepared in cooperation with:

VDH Virginia Department of Health — Protecting You and Your Environment — www.vdh.virginia.gov

Office of Drinking Water — Safe Drinking Water for a Healthy Virginia

Watersheds:

Where does my drinking water come from?



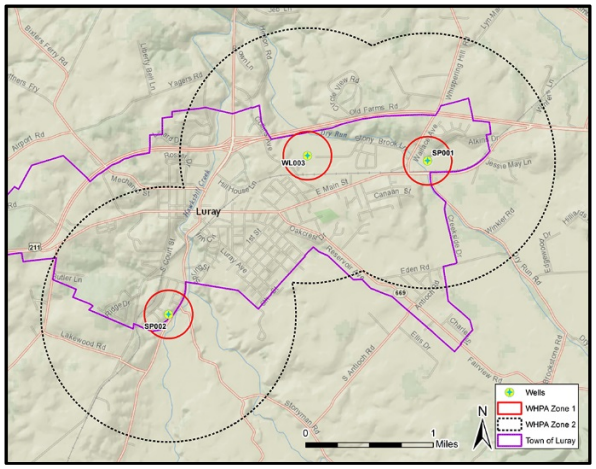
What is source water?

Everyone lives in a watershed. As water travels over or through the ground, it collects minerals and contaminants which may affect the purity of water resources. Source water comes from streams, rivers, lakes, or groundwater aquifers and supplies drinking water to public utilities and private wells.

Source Water Protection

What is source water protection?

Activities and land uses conducted in the watershed potentially impact the source water. Protecting source water from contamination reduces risk to public health and may decrease treatment costs. The Virginia Department of Health has established source water protection areas (SWPAs) for public water sources, indicated in the map below. Responsible land use within these areas is critical.



What is risk identification?

It is important to identify threats to water resources and their likelihood to impact source water. The Town of Luray has developed a Source Water Protection Plan documenting specific risks in the SWPAs and developing management strategies based on potential threats.

How can you protect source water?

Your public drinking water comes from Hite Spring, Hudson Spring, and a drilled well.

To protect and ensure the sustainability of your drinking water, follow these simple suggestions:

- Keep animals, livestock and their waste, out of local streams or away from wells.
- Plant buffer strips where appropriate.
- Never pour motor oil, hazardous chemicals, or prescription medicines onto the ground, storm sewer, or other drains.
- Minimize the use of fertilizers, pesticides, and herbicides on your lawn and farm.
- Do not dump trash or waste near sink holes, well heads, springs, or streams.
- Do not store or spray chemicals or house livestock near well heads.
- Participate in cleanup activities in your neighborhood or join a local watershed organization.
- Learn about your drinking water supply and conserve water at home.