



Winter Weather!

For the first time in several years, Louisa County received some wintery weather, in the form of snow and ice. Rest assured, all designated essential staff made it to work on time during these wintery weather events. None of the facilities lost power, but staff took steps to be ready having generators topped off with diesel fuel and propane tanks topped off with propane. All water and wastewater treatment operations continued as normal, uninterrupted.

Irrigation Water Policy

Louisa County Water Authority: Irrigation Water Policy:

Customers desiring an irrigation system supplied by public water have two options. They are: to run the irrigation system off the main house meter, thereby incurring sewage charges, or to install a separate meter all together, eliminating sewage charges, yet incurring additional connection charges.

The option of installing a separate meter, owned and maintained by LCWA allows staff to insure they are in proper working order. Under sizing issues are eliminated, as flow demands are used to determine proper sizing, without respect to indoor demand. Additionally, the connection fees charged to establish these connections more accurately reflect the demand they are placing on the water supply, and more appropriately recover the costs the LCWA incurs in allowing irrigation systems to come on-line. Lastly, these separate meters allow for greater ease in monitoring consumption, and provide opportunity for placing limitations or restrictions on the use of irrigation water and potentially for adjusting the charges for such usage.

Existing irrigation systems with a 5/8 x 3/4 inch meter are not, at this time, required to install a separate tap and meter. These systems, however, are subject to review. If, upon review, it is determined that the increased peak demand placed on a 5/8" residential meter exceeds the normal operating limits of the main meter, then the customer will have to upgrade to a 1" main meter or install a separate irrigation meter. This customer will be subject to the incremental cost increase associated with upgrading to a 1" meter or all fees associated with installing a second meter.

All systems currently running irrigation through the main house meter, consequently paying sewage charges, may continue to do so, provided the main meter is not under sized. It is recommended that if homeowners desire to avoid sewage charges, a separate tap and meter be required.

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Henry Porter (HP) Smith
LCWA—Employee Spotlight
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Irrigation Systems - Seasonally the highest domestic use of water.

Established lawns only need 1 inch of water per week, and they don't need to be watered daily; overwatering causes 85% of turf problems.

Some helpful tips!

- Water lawns at night, when possible, to reduce evapotranspiration. This practice also helps to balance out demand on the system.
- Upgrade your sprinkler clock.
- Install a rain shut off device.
- Collect rainwater to use on plants.
- Consider low water-use landscaping such as drought resistant grass, plants, shrubs and trees.

**Remember there is a cost associated with the treatment and distribution of water...
Be Water Wise!**

Louisa County Water Authority



Hours of Operation

The Northeast Creek Water Treatment Plant, Louisa Regional Wastewater Treatment Plant and the Zion Crossroads Wastewater Treatment Plant are manned seven days a week, 365 days a year, from eight to twelve hours a day, including holidays and weekends.

The Business office is open Monday through Friday, 8:00 am to 4:30 pm.

Contact Numbers

Business Office Phone: 540-967-1122

Business Office Fax: 540-967-0656

Website: louisacountywaterauthority.org

After Hours Emergency: 540-967-1234

Employee Spotlight

This quarter we will shine the "Employee Spotlight" on Henry Porter Smith. HP has been employed by Louisa County Water Authority (LCWA) since May 2007. During his fourteen years of service, his most important accomplishment has been earning his land applicators license for the spreading of biosolids on permitted property across Louisa County. HP is a jack-of-all-trades. He keeps pumps, motors, vehicles and lawn implements in top notch working order. From maintenance at all of the facilities, on valves, at pumps stations, in the distribution and collection system, HP does a little bit of everything to keep the Authority running and in good operating condition. He maintains all of the grounds and facilities owned and operated by Louisa County Water Authority. HP is calm, cool and collected in emergency situations. He always offers helpful solutions, displays courtesy and professionalism when dealing with customers and adjusts easily to all of the changes that arise in the daily business of a public utility.

HP served his Country in the Army, stationed in Germany during the Vietnam War. He is a lifelong resident of Louisa County. HP and his wife Brenda have one son and two grandsons. In his free time, HP enjoys attending auctions, yard sales, antiquing, steam and gas tractor shows and spending time with his family. His biggest passion is anything related to John Deere Tractors.

Current Projects and Initiatives

Safety! Safety!! Safety!!!

- Fall Protection
- Safety Manual Update
- Updating Safety Equipment
- Updating All Personal Protection Equipment

Geographic Information System Mapping (GIS)

- Work Orders
- System Inventory
- Asset Management

Fiscal Goals

- Fiscal Independence
- Build Reserve Funds
- Manage O&M Expenses

Apprenticeship Program

- Second Approved Program in VA
- Locating a Viable Candidate

Employee Training and Enhancement

- Succession Planning
- Highly Qualified Staff
- Fairly Compensated Staff

Rate Structure

- Rate Reviews
- Rate Setting

Tractor Purchase

- Right of Way Clearing

James River Water Project

Zions Crossroads Wastewater Treatment Plant

- Fall Protection
- Biological Nutrient Removal electrical upgrades

Louisa Regional Wastewater Treatment Plant

- Filter Building Modifications
- Upgrade Lighting
- Addition of Sidewalks
- Splitter Box Modifications

Northeast Creek Water Treatment Plant

- Sludge-Vac System

Regulations

- PFAS (Perfluorinated compounds, perfluoroalkyl acids, synthetic chemicals)
- Safe Yield
- Procurement
- Training
- SCC Rule Update Decision
- New Pretreatment Rules
- Phase Three Watershed Implementation Plan
- Ammonia-Nitrogen Limits
- Reassignment of Nitrogen and Phosphorous Limits