



# QUARTERLY NEWSLETTER



## HAMILTON COUNTY *Water Quality Program*

### Adam Reynolds, Monitoring and Inspection Supervisor

Adam Reynolds is a Chattanooga native and a proud alumnus of Chattanooga School for the Arts and Sciences (CSAS). After completing his studies in 1994, he earned his B.S. in Biology from Sewanee, followed by graduate coursework in Environmental Science at UT Chattanooga. With almost two decades of experience in stormwater and water quality, he has worked in both the private and public sectors. For the past 15 years, Adam has been a valued member of the Hamilton County Water Quality Program, where he has been involved in every aspect of the program. His current focus is on monitoring, including close collaboration with the City of Chattanooga's water quality department to implement the City and County Joint Monitoring Network. Adam also plays a role at the state level, serving on the Tennessee Stormwater Association public education and outreach committee, as well as the Tennessee Nutrient Reduction Taskforce. When he's not working on water quality issues, Adam spends his time raising his two children, who attend middle school at St. Jude and elementary school at Battle Academy.

### Staff Spotlight

*Adam Reynolds*



### We participated in the Haunted Trail and Hamilton County Fair



21

*Illicit Discharge Investigations*

15

*Land Disturbing Permits Issued*



50+

*Lot Stabilization Inspections*

## 10 New Pet Waste Stations



We always promote picking up pet waste. It transmits pathogens and parasites, Some of these can survive in soil for many years! It is also high in phosphorus and nitrogen which can pollute water and cause eutrophication harming local ecosystems. We have ordered ten new stations to be placed at parks and trails. The new signs included a QR code to our website where pet parents can calculate the household pet waste per pound. There is 23 million fecal coliform bacteria in each gram of dog poop! It is a common misconception that dog poop is good fertilizer. Grazing animals' diets are plant-based: grain, hay, soy meal, cottonseed, corn silage, and more. Their poop mainly consists of undigested plant fibers. These fibers can add a boost of nutrients to the soil in your garden, helping your plants grow. Dog poop is a much different story. Since dogs have high protein diets their poop is much more acidic. As it breaks down, the nutrients are not compatible with the needs of the plants.

***Heartworms, Whipworms, Hookworms, Tapeworms, Parvovirus, Giardia, Salmonella, E. Coli., Nitrogen, Phosphorus, and more!***

## Upcoming Outreach Events:

- Tri-State Home Show - The 57th Tri-State Home Show is February 16, 17 & 18, 2024 at the Chattanooga Convention Center brought to you by the Home Builders Association of Greater Chattanooga
- We will be participating in Tennessee Tree Day! if you are interested in reserving native trees, please email [bonniec@hamiltontn.gov](mailto:bonniec@hamiltontn.gov) or call 423-209-7816
- Save Water Drink Wine, Save Water, Drink Wine (and Beer!) is back, Saturday, April 6th, from 5:30-8:30 for an evening celebrating stewardship of our local watersheds.



## Message from Management

Autumn Friday, P.E.

Spring is in the air!!!!

Hope everyone has survived the cold winter months (even some snow). As the weather turns warmer many of us will want a clean car!! Car washing has been noted as a major contributor to water pollution. The best way to minimize water pollution is to head to a commercial car wash. If you prefer to wash your car at home here are a few tips: Use biodegradable, phosphate-free, water based cleaners, minimize

water usage with a spray nozzle, wash on an area that absorbs water (gravel or grass), always empty buckets into sinks/toilets. Water entering storm drains does not undergo treatment before entering streams. Let's work together to keep our streams clean!!!

