



**Meeting Summary**  
**Moore's Creek Bacteria Implementation Project Quarterly Meeting**  
**Thomas Jefferson Soil and Water Conservation District Office**

**September 27, 2012**  
**9:00a.m. – 10:00 a.m.**

**Attendees**

Rose Brown, StreamWatch

Tim Brown, ACSA

Bill Craun, VDH

Repp Glaettli, Albemarle County

Jed Grubbs, RRBC

Greg Harper, Albemarle County

Wood Hudson, TJPDC

Martin Johnson, TJSWCD

Jessica Lassetter, RRBC

Nesha McRae, DCR

Leslie Middleton, RRBC

Kristel Riddervold, Charlottesville City

Alyson Sappington, TJSWCD

Jeff Sitler, UVa

Jess Wenger, UVa

**1. Updates**

- **Moore's Creek Bacteria TMDL Modification Update**  
(Update provided by Tara Sieber, DEQ, via email)  
Virginia DEQ Valley Regional Office (VRO) is in the process of putting together the modification for the Moore's Creek Bacteria TMDL so that the Bacteria TMDL agrees with the IP in terms of loading numbers, land use, etc. DEQ VRO will work with DEQ's Central Office to submit the modification to EPA.
- **Avon Street Landfill Update**  
(Update provided by Tara Sieber, DEQ, via email)  
This is a pre-regulation (era) landfill, which means that the Commonwealth has limited authority to direct clean-up measures. The property owner has sampled the very small amount of leachate that is coming out of the ground and found that it has no water quality violations. Currently, the property owner is working to control the physical contributions to the stream (i.e., trash falling/sloughing off the streambanks into Moore's Creek). The rehabilitation plan was on hold until very recently when a large grocery store chain expressed serious interest in utilizing the property as an access road. The new rehabilitation plan will cover and stabilize the banks of Moore's Creek, which will be a significant improvement to the current site. The plan also includes establishing vegetation on the ground surface and removing obstructions. DEQ expects to receive the final rehabilitation plan within the next month.
- **Cville Streams TMDL and IP**  
A public meeting was held September 20, 2012, at the Albemarle County Office Building. The draft plan is available on the DEQ website (<http://www.deq.virginia.gov/Portals/0/DEQ/Water/TMDL/ImplementationPlans/Drafts/mooresi p.pdf>) and is available for public comment through October 22, 2012.
- **Agriculture Cost-Share**  
TJSWCD has performed a drive-by to help target outreaching mailings. Postcards were sent to property owners in Moore's Creek watershed with information on the available agriculture,



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septic, and pet waste cost share.

- Septic Cost-Share

Two projects have been completed: one sewer hookup and one small repair. Thirteen applications for septic pump-outs have been received. Tim Brown, ACSA, will look into providing contact information for homeowners that have elected not to hook up to the sewer line but live within the potential service area. These homeowners should be informed of the available cost share for sewer hookup.

- Pet Waste Component

RRSEP meetings were held on July 26 and September 17. Highlights from the RRSEP meeting minutes include:

- RRSEP is drafting a Pet Waste Composter Cost Share agreement with DCR input.
- The City of Charlottesville obtained a list of addresses for people who have purchased dog licenses in the city. The information will be used to make a list of dog owners in the Moore's Creek watershed for direct mailings regarding pet waste composter cost share opportunities.
- RRSEP members will attend the October Fry's Springs neighborhood association meeting to discuss possible approaches for pet waste management to ascertain what might be most amenable to pet owners, including composting, neighborhood pet waste stations, and backyard pickup service.
- RRSEP is developing brochures and flyers and is working with the Charlottesville Radio Group to develop a broadcast package.
- RRSEP is in the initial phase of designing a methane digester for installation at Azalea Park. Coordination and acceptance of the digester has not yet been finalized with Charlottesville City Park and Recreation.

- Monitoring

StreamWatch began bacteria monitoring in July with six sites that are outlined in the approved QAPP. Seven additional sites in the Rivanna watershed are being monitored as part of Rivanna Conservation Society's "Can You Swim Here?" project. After 10 months of data gathering, StreamWatch will identify potential new monitoring sites. Bacteria monitoring results are available on StreamWatch's website at <http://streamwatch.org/stream-conditions/bacteria-monitoring>.

## 2. Updates from Project Partners Regarding Activity in Moore's Creek

- City of Charlottesville

The Azalea Park forested wetlands project is scheduled to be constructed this winter.

- Albemarle County

The county is in the planning stages of designing new stormwater facility at the Albemarle County Office Building located off of 5<sup>th</sup> Street Extended. This facility is identified in the



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county's 5-year CIP.

Approximately 144 stormwater management facilities in Moore's Creek watershed were inspected by county and TJSWCD staff. Fifty-three of the facilities are compliant and 61 are in need of repair. All inspections in the Moore's Creek Watershed are expected to complete by the end of November 2012, except for six schools scheduled for inspection in January and one regional county-owned facility that passed inspection last year.

- Rivanna Water & Sewer Authority  
(Update provided by Andrea Terry, RWSA, via email)  
Construction of the expanded Ragged Mountain Reservoir is underway. Mitigation for the impacts to streams and wetlands associated with the project will include 4.6 acres of constructed wetlands along Moore's Creek, 450 linear feet of stream restoration on Buck Mountain Creek, and preservation of nearly 600 acres of riparian corridor in the Buck Mountain watershed, which is located within the watershed of South Fork Rivanna Reservoir. Approximately 94 acres of tree planting will occur within the riparian corridor at Buck Mountain. The wetland project is on-going and will be completed within the next several months. Riparian planting at Buck Mountain creek began in May 2012 and will continue through 2013.
  
- Rivanna Conservation Society  
(Update provided by Robbi Savage, RCS, via email)  
RCS is launching several new programs in the Rivanna watershed and beyond including:
  - The "Can You Swim Here?" program will create a cadre of volunteers, primarily UVA and PVCC students, to conduct bacteria monitoring along the Rivanna at locations where the community swims most frequently. The intention is to track water quality improvements and/or degradation at selected locations (Darden Towe Park (Charlottesville), Free Bridge (Charlottesville), Riverview Park (Charlottesville), Milton/Shadwell (Albemarle), Crofton (Palmyra), DGIF Boat Ramp (Palmyra), Sandy Beach at Pleasant Grove (Palmyra)).
  - "Water Health for the Commonwealth" program engages young people and educators in the creation of a comprehensive student/teacher program to monitor the rivers and streams for the chemical, physical, bacterial and biological parameters.
  - The "Watershed Network" begins at the headwaters of the Rivanna River and ultimately will end at the confluence of the James River and the Chesapeake Bay. This project is unique because a monitoring network will be created that will be linked throughout the two watersheds by email, internet, Facebook and twitter. Data is collected and input into the RCS system, then shared with others. This allows continuing communication between participating students/teachers/schools. Currently there are 10 schools participating, and our goal is to ultimately have upwards of 40 schools involved in the project.
  - "The Rivanna River Guardians," known in other locations as River Rats, will be proactive in protecting their river through their commitment to action projects in their communities. This program engages volunteers to patrol the Rivanna and its tributaries to



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identify water quality and pollution problems, document fish populations, and take action, where appropriate, in order to protect, and restore threatened areas across the watershed. Whether walking a neighborhood stream or paddling the Rivanna, the River Guardians will document suspected pollution sources and their effects, while also reporting natural patterns in river hydrology and aquatic/wildlife sightings.

**3. Project Schedule**

The next quarterly meeting will take place Tuesday, December 18, 2012, at TJSWCD.