

Dept. of Facilities and Environmental Services	Albemarle County
Environmental Quarterly Report	Q1-FY18

This report includes environmental program updates for July, August, and September 2017.

General:

- Staff have continued to work with former committee members and a consultant to establish a stormwater utility. Work is currently focused on finalizing a preliminary rate structure (formula by which fees are computed for each property) and determining the *extent of service* for a planned drainage infrastructure maintenance program.

Environmental Compliance:

- Chris Green Lake Park, Beaver Creek Lake Park, Greenwood Community Center, and Mint Springs Valley Park well water systems successfully met Department of Health water quality testing standards for bacteria and nitrate/nitrites.
- Simpson Park, Walnut Creek Park, and Ivy Creek Natural Area all received unacceptable bacteria results during the sample period with subsequent samples taken and cleared for acceptable results. We also completed a Department of Health level 1 waterworks assessment for Ivy Creek Natural Area.
- ACPD Regional Firearms Training Facility waterworks system successfully met Department of Health inspection and water quality testing standards for quarterly bacteria test, annual nitrate/nitrite test, and metered usage.

Energy Management:

- As staff begin to focus on the development of a Climate Action Plan, we have generated (as Attachment B) a summary of the more tangible goals of the 2011 Environmental Stewardship Strategic Plan and the status of meeting these goals.

Solid Waste and Recycling

- Division staff are working with Mike Krouse at Evergreen Document Destruction and Recycling LLC to implement an expanded recycling program at McIntire and 5th Street County Office Buildings.
- Division staff continue to support the Solid Waste Alternatives Advisory Committee (SWAAC).

Water Quality Protection:

- Staff submitted annual reports to DEQ at the end of September related to the MS4 Program, including an update of MS4 activities, the Chesapeake Bay TMDL Action Plan, and the Local TMDL Action Plan.
- In cooperation with the Department of Parks and Recreation and the Rivanna Conservation Alliance (formerly StreamWatch), staff have been finalizing the development of public-facing webmaps of water quality monitoring data.

Infrastructure Management:

- Staff continue to map area stormwater infrastructure using GIS, primarily using temporary staffing. The GIS includes various attributes characterizing the infrastructure. Staff have mapped approximately 25 miles of infrastructure during this period.
- Staff conducted new inspections of 79 private and public stormwater management facilities to ensure proper operation and maintenance by the owners.

Staff Development and Training:

- Staff from Departments of Facilities and Environmental Services and Parks and Recreation attended annual eight-hour Chemical Spill Response Training /OSHA Level II.
- Andy Lowe attended and passed eight-hour annual refresher for asbestos management training.
- David Lockledge passed the DEQ certification exam for Program Administrator in the area of Stormwater Management.

Abbreviations

BMP – Best Management Practice (aka, stormwater management facility)

DCR - Virginia Department of Conservation and Recreation

DEQ – Virginia Department of Environmental Quality

DMME - Virginia Department of Mines, Mineral, and Energy

MS4 – Municipal Separate Storm Sewer System

TMDL – Total Maximum Daily Load (used to denote the process to clean up impaired waters)