

Dept. of Facilities and Environmental Services	Albemarle County
Environmental Quarterly Report	Q2-FY18

This report includes environmental program updates for October, November, and December 2017.

General:

- Staff continued to work with former committee members and a consultant to establish a stormwater utility rate for recommendation to the Board. Work this quarter has been focused on finalizing the proposed rate structure (formula by which fees are computed for each property) and determining the *extent of service* and associated cost for a planned drainage infrastructure maintenance program. Many variations of the rate structure were assessed internally using GIS. A decision was made to postpone the planned January work session with the Board to review the rate recommendation to allow staff additional time to provide Board members information on the details and assumptions contained in the model as well as plans for engagement with the community. Staff continues to work with the Executive Office to re-schedule the work session.
- Staff co-presented with Charlottesville and UVA staff to Planning and Coordination Council and UVA Sustainability Council on November 8 and December 12 Topics included Local Climate Action Planning initiatives and sustainability programs.

Environmental Compliance:

- Chris Green Lake Park, Simpson Park, Walnut Creek Park, and Ivy Creek Natural Area well water systems successfully met Department of Health (DOH water quality testing standards for bacteria.
- ACPD Regional Firearms Training Facility waterworks system successfully met DOH water quality testing standards for quarterly bacteria test and metered usage.
- Safer Chemical Wavier approved:
 - October 4, 2017 - Approved herbicide waiver for FES Environmental Services Division to treat invasive vegetation at Church Road and Woodbrook Lagoons stormwater management facilities.
 - October 4, 2017 – Approved herbicide waiver for FES Environmental Services Division to treat invasive vegetation at Crozet Stormwater Wetland facility.

Local Climate Action Planning:

- Developed an implementation plan for this effort.
- With assistance from new temporary staffing, begun to build a new energy management data system to be used to track energy usage and identify problems and opportunities for reductions.

Solid Waste and Recycling:

- Expanded recycling collection began in late December at McIntire and 5th Street county office buildings. Every department at the two buildings received two recycling bins in addition to the existing waste collection containers. Paper recycling bins receive all types of paper products

such as office, cardboard, brown, newspaper, and magazines. Comingled recycling bins receive aluminum, glass, and plastics #1 – 7, including plastic grocery bags.

- 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.
- Finalized staff-level agreement to share costs and credits for collaborative City / County stream restoration project.
- Renewed stream water quality monitoring contract with Rivanna Conservation Alliance.
- Consolidated new/improved maintenance regimen at County-owned stormwater facilities.
- Completed phase 1 screening to identify candidates for small watershed restoration pilot project.
- Hosted Ivy neighborhood meeting regarding small watershed restoration pilot project.

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 nine miles of infrastructure during this period.
- Implemented new methodology to speed up collection and improve accuracy of collection process.
- Staff conducted new inspections of 91 private and public stormwater management facilities to ensure proper operation and maintenance by the owners.

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

DOH – Virginia Department of Health

MS4 – Municipal Separate Storm Sewer System

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