

Dept. of Facilities and Environmental Services	Albemarle County
Environmental Quarterly Report	Q1-FY17

Summary:

This report includes environmental program updates for July, August and September 2016.

Environmental Compliance Management:

- Submitted application for the Virginia Go Green Government Challenge and received Platinum certification. This is the first year the County has received Platinum – one step up from Gold.
- Chris Green Lake Park and Ivy Creek Natural Area well water systems successfully met Department of Health water quality testing standards for bacteria.
- ACPD Regional Firearms Training Facility water works system successfully met Department of Health inspection and water quality testing standards for bacteria and nitrates.
- 1 Safer Chemical Waiver submitted and approved.
 - Scottsville Library for ant treatment 9/22/2016.
- Facility inspections at COB McIntire, 5th Street and ACPD Firearms Training Facility.

Energy Management:

- Provided facility inspections at McIntire and 5th Street COBs to 4 consultant firms as part of the Energy Performance Contracting program. Firm proposals to lower energy demand will be received on September 30 with firm selection to follow. The Energy Performance Contract is a program through Department of Mines, Mineral, and Energy (DMME) in which Government entities can partner with pre-approved private energy service companies to finance and install energy conservation measures based on future energy cost avoidance. A panel comprised of schools and local government staff will review the proposals and projects and make recommendation for approval of next steps in the program.
- The chart below represents “Baseline” energy comparisons to the most current 12-month average ending September 30, 2016 for the 3 County Office Facilities. The baseline year for energy is 2005. The change is represented in percentage from baseline annual usage; negative percent equals reduction in use and positive percent equals additional usage from baseline amounts.

	Electricity	Natural Gas	Total Energy
McIntire COB	- 33%	- 56%	- 42%
5 th Street COB	- 16%	+ 32%	- 4%
Court Square	- 23%	- 20%	- 21%
Combined	- 24%	- 21%	- 23%

- Although the 3 County Office buildings had increased water usage for the last 12 months this was mainly due to a leak at Court Square and chilled water increases for air conditioning at 5th Street and McIntire. Water usage over all is still down 39% from Baseline year 2006.
- We are continuing to switch to LED lights where applicable throughout all facilities.
- Working with contractor for price quotes on the Crozet Train Depot LED project. LED projects for Stations #11 and #12 will follow Train Depot pending budget. Additional projects outside the Energy Performance Contract are being planned for consideration in the future including solar thermal, solar photovoltaic, lighting, timers and mechanical equipment.
- Facilities and Environmental Services submitted application to join the SolSmart certification program. This program focuses efforts within local government purview to ease and remove barriers to solar photovoltaic installations in the community. The program is supported by the US Department of Energy (DOE) and the International City/County Management Association (ICMA).

Staff Development and Training:

- Employee training:
 - Facilities and Environmental Services Public Work staff and select Parks and Recreation staff received OSHA level 2 and Spill Response training through Sigma Consulting Group.
 - Andy Lowe received annual Asbestos inspector and management training through France Environmental.

Ongoing and Upcoming:

- Stormwater Pollution Prevention Plans and Nutrient Management Plans will be drafted for MS4 permit.