



Department of Public Utilities
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New Kent, VA 23124
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New Kent County Department of Public Utilities IRRIGATION SYSTEM REQUIREMENTS

Irrigation system requirements are to ensure conformance with the New Kent County Code (<http://www.co.new-kent.va.us/servicesonline.php>) and the County's Water Conservation & Management Plan (<http://www.co.new-kent.va.us/publicutilities/index.php>).

Please note that irrigation (a.k.a. companion or exclusion) meters are not approved for all developments. County Ordinances still apply for all irrigation system installations. Prior to approving an irrigation system, the following will be required:

NEW OR EXPANDED IRRIGATION SYSTEMS

Irrigation system design approval by the Department of Public Utilities (per New Kent County Code Sec 38-138) to include:

- Installer's & Customer/Owner's contact information (company name, address, phone, email)
- A simple site plan, with approximate scale, showing location of ASSE-approved backflow prevention device (County Code Sec 38-135), rain sensor and customer owned volume or run time meter (County Code Sec 98-871), all lines & fixtures and spray patterns. The plan should show pertinent site features (structures, roads, driveways, sidewalks, etc). Overspray on impermeable surfaces (driveway, sidewalk, street, structures) will not be approved.
- A copy of the New Kent County Plumbing Permit Application for inspection of the backflow prevention device (contact Building Development at 804 966-9680)
- A calculation of average flow in gallons per minute:
ie: (# of fixtures) x (fixture flow rate) = XX gpm
- A calculation of the average water cost per minute of operation at the prevailing water rate (\$0.005/gal in FY2010):
ie: (XX gpm) x (\$0.005/gal) = \$Y.YY per minute

EXISTING IRRIGATION SYSTEMS

- A copy of the New Kent County Plumbing Permit inspection of the backflow prevention device (contact Building Development at 804 966-9680).
- Visual inspection of the rain sensor and customer owned volume or run time meter by DPU (County Code Sec 98-871). A satellite control system or soil moisture sensor may be approved in place of the rain sensor. This inspection will be performed at the time of meter installation.