

FINAL STATUS REPORT FOR LOUDOUN COUNTY WATER RESOURCES
MONITORING PROGRAM (EPA Grant # XP-97310401)

TASK	STATUS
<p>Install Stream Gauges</p> <p>Complete installation of 10 Gauges</p>	<p>Completed</p> <p>Installation of 8 stream gauges through Loudoun County/USGS cooperative agreement was completed prior to this reporting period. Additional two gauges joint funded through the Virginia Department of Environmental Quality (VADEQ) and the USGS. No other gauge installation will be required for the WRMP.</p>
<p>Install Rain Gauges</p> <p>Complete installation of rain gauges</p>	<p>On schedule</p> <p>Two real-time (provisional data) rain gauges have been installed in the County in a joint funding agreement between the County and the USGS. Two additional rain gauges have been purchased, and will be installed by Spring 2010 (awaiting completion of construction project at the selected sites). The two new gauges will collect real time data.</p>
<p>Install Groundwater Monitoring Wells</p> <p>Complete installation of wells</p> <p>Collect Data</p>	<p>Ongoing</p> <p>Total number of WRMP groundwater monitoring wells stands at 13, with five additional wells in process of donation. Also, data is gathered from three real-time USGS wells, for a total of 16 active sites, expected to reach 21 by January 2010. Additional monitoring equipment purchased in January, 2009. Total monitoring capability set at 34 wells.</p>
<p>Stream Assessment</p>	<p>Completed</p> <p>The County contracted with Versar, Inc. to perform countywide Stream Assessments for benthic, habitat, and stream pereniality assessment. Work was completed by June, 2009, and final report issued in September, 2009.</p>
<p>Data Collection & Management</p>	<p>Ongoing</p> <p>Comprehensive statistical analysis of water-related data compiled by staff during 2007 continues to be updated as additional data is gathered. The Data Manager has completed development of countywide water resources monitoring database (Water Resources Information System: WRIST) that is now online and available to all County departments.</p>