



Virginia Pollutant Discharge Elimination System (VPDES) Phase II Report

Year IV
Permit Number VAR040022

Roanoke County Community Development
April 28, 2007

Roanoke County Board of Supervisors

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The Town of Vinton
Virginia Save Our Streams Foundation
Virginia Water Monitoring Council
Roanoke Valley Television Station
Virginia Association of Teachers
Roanoke Valley Resource Authority

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Executive Summary

Polluted stormwater runoff is a leading cause of impairment to nearly 40 percent of surveyed U.S. water bodies that do not meet water quality standards. Overland or via storm sewer systems, polluted runoff is discharged, often untreated, directly into local water bodies. When left uncontrolled, this water pollution can result in the destruction of fish, wildlife, and aquatic life habitats; a loss in aesthetic value; and threats to public health due to contaminated food, drinking water supplies, and recreational waterways.

Mandated by Congress under the Clean Water Act (CWA), the National Pollutant Discharge Elimination System (NPDES) is a comprehensive, two-phased national program for addressing the urban sources of stormwater discharges that adversely affect the quality of our Nation's waters. This program uses the NPDES permitting mechanism to require the implementation of stormwater management controls designed to minimize surface water pollution caused by urban stormwater runoff.

The County of Roanoke developed and implemented a comprehensive plan to meet the conditions of the VPDES Phase II permit. The permit is outlined in six minimum control measures (MCMs): Public Education and Outreach, Public Participation and Involvement, Illicit Discharge Detection and Elimination, Construction Site Runoff Control, Post Construction Stormwater Management, and Pollution Prevention/Good Housekeeping. Within each MCM, there are numerous best management practices (BMPs) being implemented by the County of Roanoke.

Strong regional cooperation has been pursued in the MCM areas of Public Education and Outreach, Public Participation and Involvement, and Pollution Prevention/Good Housekeeping. The County intends to continue to participate in regional efforts to educate the public in coordination with the City of Roanoke, the Town of Vinton, and other regional environmentally responsible organizations such as the Upper Roanoke River Roundtable and the Clean Valley Council. Regional cooperation and discussion will not only be economically sound, but also instrumental in the consistent and continual education of the citizens of Roanoke County and beyond. This regional perspective is instrumental in the effective reduction of pollutants into our rivers and streams.

Beginning in March 2006, the County was informed that Explore Park would not be renewing its contract to represent the County, City, and Town of Vinton for stormwater education and public participation. The County pursued other environmental education groups and entered into a contract with Clean Valley Council in August of 2006. This contract delay cut four months from this year's contract period (April 28, 2006 - April 28, 2007).

Clean Valley Council has been working diligently to complete the public education and participation components of Minimum Control Measures One and Two in a much shorter period than in the past. Due to this delay, two MCM's were not completed by the April 28th deadline, MCM 1.10 and 2.4. These measures are currently in progress and will be complete by the December 9, 2007 implementation date.

The Minimum Control Measures for year four (April 28, 2006 – April 28, 2007) are described in the following document. Directly following the document, appendices illustrate details of the County of Roanoke's compliance to the minimum control measures and subsequent BMPs.

Minimum Control Measure 1: Public Education and Outreach

The County of Roanoke partnered with Clean Valley Council to help fulfill most of the BMPs within Minimum Control Measure 1 and Minimum Control Measure 2. Clean Valley Council has implemented a variety of education and outreach programs that are supported by a number of local municipalities and enables them to fulfill the BMP's of these control measures consistently on a regional level.

BMP: 1-1. Complete a comprehensive review of existing stormwater educational programs available to Roanoke County and the Roanoke Valley region.

For year four, the goal of this BMP is to continue to document programs and publications that address stormwater issues and update this database to include new and developing programs. This resource review lists almost 150 resources for stormwater information available in the Roanoke Valley area. The information, kept up to date, is in the form of printed material, agency websites, environmental education efforts and organizations, maps, videos, hotlines, and books. A website and phone number is listed with each resource if it is available. The review is located online at the County of Roanoke's website (www.roanokecountyva.gov) under the Stormwater Management/Stormwater Resources information heading. The most recent list of resources was updated on March 6, 2007 and is attached to this document in Appendix 1-1.

BMP: 1-2. Develop and distribute a Roanoke County stormwater informational mailer to Roanoke County residents on a yearly basis. The mailer will be designed as a regional document based on the unique issues and concerns for the Roanoke River Watershed.

In conjunction with the City of Roanoke and the Town of Vinton, the County developed an informational mailer titled "Give Water A Hand." The County's measurable goal was to distribute the mailer to 8,700 County residents which is approximately 10% of the County population according to a 2004 US Census Bureau estimate. The flyer was printed as an insert to the Department of Parks and Recreation bulletin which was distributed to 32,000 homes, approximately 37% of the population. An extra 1000 flyers were printed for the County to distribute to area libraries, schools, and county offices throughout the year. The complete insert can be seen in Appendix 1-2.

BMP: 1-3. In cooperation with Virginia Save Our Streams, Roanoke County will provide Stream School Seminars for adults and high school students on a yearly basis.

For year four, the County must hold a minimum of two stream school seminars to meet the measurable goal of this BMP. This past year, three Save Our Streams (SOS) field days were conducted on October 7, 2006, November 11, 2006, and February 2, 2007. The October 7th field day was conducted during the annual Fall Waterways Clean up at Wasena Park. George J. Devlin, a Regional Biologist with the Virginia Department of Environmental Quality, held a workshop for all the attending adults and school students at the Fall Cleanup.

The November 2nd field day was held during the Earth Summit, a program for select high school students. This Stream School Seminar was held at the Roanoke Higher Education Center. A total of 36

people were in attendance. The Stream Seminar groups helped to identify 10-12 different families of aquatic macroinvertebrates which were collected from the Roanoke River at Wasena Park.

The February 17th field day was held at Garst Mill Park in the Mudlick Creek watershed, a tributary of the Roanoke River. This Stream School was attended by Linda Barker, a Clean Valley Council Educator, David Blanton, an Executive of Blue Ridge Council for Boy Scouts, and 12 boy scouts.

BMP: 1-4. Develop a stormwater education program for Roanoke County school age children. Different programs will target appropriate grade levels.

Roanoke County in conjunction with Clean Valley Council has developed an educational program that targets school age children. These educational programs have been presented by Clean Valley Council educators, Linda Barker and Beth Walton. Each of the programs are designed to target a particular school grade. In year four, a total of 1,511 students attended the education programs. This consists of more than 10% of the County's school age population. Detailed descriptions of the Clean Valley Council programs and tables showing the schools that utilized it as well as the number of students reached during each program are shown in Appendix 1-4.

BMP 1-5 Distribute posters, bumper stickers, flyers, fact sheets, and other items promoting the importance of Stormwater Quality to the citizens of Roanoke County.

Information was distributed at a large number of events around the region. A variety of merchandise was distributed to promote Stormwater Quality to a variety of kids and adults. Bookmarkers were distributed with "10 Things You Can Do to Prevent Storm Runoff Pollution. A plastic ruler was distributed with pictures and descriptions of aquatic insects and their level of pollution tolerance. Flyers promoting "More Ways to Reduce Your Ecological Footprint" were distributed in addition to chip clips and water drop magnets with the logo, "A Clean Valley Begins with Clean Water". T-shirts to commemorate the Fall Waterways Celebration and Cleanup were also distributed for all attending visitors and volunteers. A list, showing quantities and types of information that were distributed in this past permit year in addition to examples of distributed merchandise, are shown in Appendix 1-5.

BMP 1-6 Utilization of billboards in high traffic corridors to advertise the importance of stormwater quality, conservation, and other stormwater issues.

The County of Roanoke has removed this BMP from its permit. Since the date of approval of the permit, the County's zoning regulations have changed and no new billboards are being allowed within the County. The goal of BMP 1-6 was to utilize billboards as a tool for public education on important stormwater issues. To meet this goal originally designed for this BMP, the County of Roanoke has expanded the distribution of the informational mailer. The County's original goal was a distribution of the mailer to 10% of the citizens of the county. Instead the distribution was expanded to 33,000 of the citizens, approximately 37% of the county to accommodate for the elimination of the billboards.

BMP 1-7 Establish a stormwater hotline for Roanoke County Citizens that allows citizens to report storm drain violations (illegal dumping), make general comments about stormwater/storm drains and stormwater maintenance concerns. The hotline will be designed to include comment tracking and follow up protocols, provide general information on the stormwater management program and provide storm water management program contact information.

The County's Citizen Inquiry System (CIS) is being utilized to handle the stormwater hotline. This system allows any County employee to provide citizens with prompt service regarding their questions and concerns. After a stormwater-related citizen issue is entered into the system, the assigned employee is notified via email, and any activity related to the issue is be logged in the system. Outside of normal business hours, citizens can log on to the County's website and fill out a form that is linked to the CIS. A stormwater specific email address has also been established and is posted on the stormwater web page, and has received numerous questions and responses.

BMP 1-8 Develop and maintain a Roanoke County Stormwater web page, where citizens can get information concerning the County's Stormwater Management Program, ordinances, design guidelines, general information, contact information, pollution prevention information, educational programs and links to other organizations and sites.

The County's website has a page devoted to Stormwater education. The web address is <http://www.roanokecountyva.gov/Departments/Engineering/Stormwater/>. If you Google, "Roanoke County Stormwater" it is the first listing shown. The site has been expanded from a one page webpage to a 17 page website that includes: general stormwater management information, the final draft of the Stormwater Management Ordinance and Design Manual, a definition of non-point source pollution, pictures and descriptions of typical stormwater structures, stormwater volunteering opportunities, upcoming stormwater events, a database of stormwater publications and programs, and an interactive map called "What Watershed Do You Live In?", which allows citizens to discover what watershed they live inside. A site map outline for the webpage is shown in Appendix 1-8.

BMP 1-9 Produce Stormwater Program Public Service Announcements on a yearly basis that utilize radio and television media to educate the public on stormwater issues.

Efforts for PSAs this year were focused on a variety of media. It is the County's goal to keep the Public Service Announcement media diverse and changing to potentially impact a wide variety of citizens. This past year, the media consisted of newsletters, slides shown before movie events, website interactive activities, newspaper ads, press releases, television spots, and notices of public events. The television PSA consisted of a student made public service announcement that was run on Roanoke Valley Television (RVTV), Channel 3, with a focus on cigarette butts and storm drains. A preview slide at the Grandin Theatre informing citizens about the Fall Waterways Celebration on October 7, 2006 was run for 30 days before the event. Press releases for the Fall Waterways Clean Up and Clean Valley Day were also distributed. A newspaper article describing the impact of the Clean up Event was published after the event. An internet PSA was created and posted on the Earth 911 website illustrating goldfish and how pollution affects their environment. All upcoming events were listed on Roanoke County's storm water webpage. Copies of PSA's and email notifications are located in Appendix 1-9.

BMP 1-10 Develop a stormwater quality education program for specific commercial businesses within the County of Roanoke and provide information to these businesses in an effort to increase business owner awareness of the impacts of illicit discharges into the County's storm sewer system.

Roanoke County has not completed this BMP for Minimum Control Measure: Public Education and Outreach. The County is currently working with Clean Valley Council to develop an commercial business awareness program for Roanoke County businesses. A target list has been created and is located in Appendix 1.10. The implementation of this commercial business program will be complete by the December 9th implementation date.

Minimum Control Measure 2: Public Participation and Involvement

BMP 2-1 Coordinate a Storm Drain Stenciling Program with local schools, organizations, neighborhoods, businesses, etc., with the goal of stenciling storm drains throughout the County.

The storm drain stenciling program primarily involves teen-age groups, organizations, and volunteers. This program teaches that the storm drain system discharges untreated water into local streams and rivers, and also teaches the consequences of dumping wastes into the storm drains. Participants have found this activity enjoyable and the County expects to stencil a large percentage of drains near schools, neighborhoods, and other public places. The measurable goal for this BMP is to document the stenciling of 50 storm drains within the County of Roanoke. During an event called "Leadership Roanoke Valley Competition, sixty volunteers stenciled 350 storm drains in the Roanoke Valley that say "Dump no waste ... Drains to River". An event sheet is listed in Appendix 2-1.

BMP 2-2 Coordinate a Save our Streams Program to educate local schools, organizations, neighborhoods, and businesses on water quality regulations, water pollution and the importance of stream monitoring within the County.

Currently twenty streams areas are being monitored quarterly in the Upper Roanoke River Watershed this number is up from thirteen areas last year. A list of the monitored streams and their score can be viewed in Appendix 2-2.

BMP 2-3 Once a year hold a public forum to address different storm water issues, the County's progress towards storm water quality improvements, and to receive input from the public on the County's Stormwater Management Program.

The County's permit states that a public forum should be held at Explore Park to address stormwater issues. Since the contract change, the County will now hold the annual public forum at the Fall Waterways Clean-up and Celebration at Wasena Park.

For year four, the public forum meeting was held on October 7th of 2006 at the Fall Waterways Cleanup & Celebration. Over 700 people attended the event that was held in conjunction with the Clean Valley Council's Fall Waterways Celebration. Several booths, including one for Roanoke City, County, and Town of Vinton provided water quality information and activities for the public. A representative for the municipalities was present to receive input from the public in addition to answering additional questions regarding stormwater management issues. Many booths were in attendance from Clean Valley Council, Western Virginia Water Authority, Kiwanis Club of Roanoke, DEQ, Roanoke Food Coop, Explore Park and many others. Free t-shirts, food, and music were provided for the attending public and all clean-up volunteers. A list of the event participants and newspaper pictures of the event are located in Appendix 2-3.

BMP: 2-4. Establish a Stormwater Management Program Citizens Advisory Committee

Committee members representing the citizens of County of Roanoke, the City of Roanoke, and the Town of Vinton met with representatives for the governing localities to be updated with the Stormwater Management Program and discuss citizen's issues. The fourteen member Citizens Advisory Committee met only two times this year on: January 25, 2007 and February 28, 2007. Due to our change in contract, the County and Clean Valley Council were unable to meet the quarterly requirements for this BMP. The two meetings that were conducted were held in the County and City of Roanoke. Two more meetings are scheduled this summer to meet this BMP. The first meeting was held at the Roanoke County Administration Building and the second was held at the Jefferson Center in the City. Attendance lists and minutes from the meetings can be found in Appendix 2-4.

Minimum Control Measure 3: Illicit Discharge Detection and Elimination

BMP: 3-1. Develop a storm drain system map which identifies all outfalls 15-inch and larger and all 12-inch outfalls from zoned industrial properties within the County of Roanoke, which discharge to natural waterways.

The County of Roanoke is making two distinct efforts to map the storm drain system. The first involves drafting the system in AutoCAD, based on research of as-built plans and planimetric data derived from aerial photography. The second effort towards mapping the storm drain system is field collection of the storm drain structures using the Global Positioning System (GPS). During the summer of 2006 the County of Roanoke hired interns to do the GPS mapping and continue the efforts from the previous years. The AutoCAD and GPS based mapping has located nearly 10,000 storm drain structures, with 910 fifteen-inch or larger outfalls, and 53 twelve-inch or larger outfalls from industrial zoned properties. All structures that have been mapped from as-built plans and topographic maps have been field verified with GPS. A total of 10,152 structures have been collected with GPS in the field.

The measurable goal for this BMP is a complete map of 100% of all storm drain outfalls 15-inch and larger, and all outfalls 12-inch and larger from industrial zoned properties within the County of Roanoke. The County estimates that it has successfully mapped 100% of all storm drain outfalls 15-in and larger and 12-in and larger in Industrial zoned areas in the County. This map can be found in Appendix 3-1. The County will continue the mapping effort to incorporate new development and changes to current development to continually update the storm drain database.

BMP: 3-2. Develop regulations and an enforcement program for a stormwater ordinance preventing illegal discharges into the storm drain system.

The County of Roanoke and the City of Roanoke have completed final drafts of the enforcement program and illicit discharge ordinance. The ordinances have been created as similarly as practicable while incorporating stormwater quality issues and using the state model ordinance as an example. Currently, the illicit discharge draft ordinance prohibits all discharges of sewage, industrial wastes, or other wastes into the storm drain system or into areas that drain to the storm drain system. The draft of the illicit discharge ordinance is in Appendix 3-2. The County of Roanoke is also working on an enforcement plan for illegal discharges into the storm drain system to be put into effect after the illicit discharge ordinance is passed by the Board of Supervisors.

The County has requested and has been authorized by DCR to modify the implementation date for BMP 3-2, 3-4, 5-1, and 5-2 to December 9, 2007. This modification will allow the County of Roanoke to continue the coordination of ordinance development on a regional basis with the other local MS4 permit holders. The letter of request and subsequent letter of approval may also be found in Appendix 3-2.

BMP: 3-3. Pilot project for Illicit Discharge Detection and Elimination.

During the summer of 2004, the County implemented a pilot project for illicit discharge detection in the Mudlick Creek watershed. A copy of the Illicit Discharge Detection Outfall Reconnaissance Inventory is attached in Appendix 3-3. All of the outfalls within the watershed that had been located

from the storm drain mapping effort were inspected during a dry period in early August. Only one flow was detected, and after it was traced back to the source, it was determined that it was not an illicit discharge. This project gave some insight into the process of detecting illicit discharges. It seems that the likelihood of finding any is low with this method as it is truly a matter of looking in the right place at the right time. Another pilot project for illicit discharge detection is planned for the summer of 2007.

BMP: 3-4. Identify and enforce correction of illicit connections.

The County has been conducting dry weather survey of all storm sewer system outfalls in the process of mapping the storm sewer system. Emphasis has been placed on surveying the outfalls from zoned industrial properties. Enforcement for illicit connections will commence once the Illicit Discharge Ordinance is passed by the Board of Supervisors. See BMP 3-2 for modifications to implementation date for enforcement of illicit connection ordinance.

Minimum Control Measure 4: Construction Site Runoff Control.

BMP: 4-1. Require Erosion and Sediment Control plans for any land disturbance greater than 10,000 square feet.

In February 2004 the County of Roanoke adopted an updated erosion and sediment control ordinance to reduce construction pollutants in its storm water runoff. It is entirely in compliance with the VPDES Phase II regulations. The ordinance states that any land-disturbing activity of 10,000 square feet or more requires an approved erosion and sediment control plan that contains measures to reduce soil erosion and practices to control sediments that have already eroded. For land-disturbing activities between 5,000 and 10,000 square feet, either a plot plan prepared by a certified responsible land disturber or an engineered plan prepared by a professional engineer must be approved. For land-disturbing activities between 2,500 and 5,000 square feet, an “agreement in lieu of a plan” may be substituted for an erosion and sediment control plan. The complete erosion and sediment control ordinance can be found in Appendix 4-1. In 2006 the Department of Community Development issued 80 erosion and sediment control permits with a total disturbed area of approximately 386 acres.

BMP: 4-2. Identify current Erosion and Sediment Control certified employees and develop a program for additional certifications and cross training.

Two county departments, Community Development, and Parks and Recreation were identified as having positions whose job responsibilities necessitate erosion and sediment control training and certification. Currently the county utilizes training and certification through the Department of Conservation and Recreation’s Virginia Erosion and Sediment Control Training and Certification Program. Additional employees hired into positions whose job responsibilities have already been determined as needing training in erosion and sediment control will be certified using the DCR’s Erosion and Sediment Control Training and Certification program. A table of the positions within each department, the employee(s) in the positions, and their level of certification can be found in Appendix 4-2.

BMP: 4-3. Develop a County sponsored awards program for Exemplary Erosion and Sediment Control Compliance

In year one an erosion and sediment control awards program was developed. The program recognizes any outstanding project or program that demonstrates excellence in natural resource conservation and environmental protection through the use of effective erosion and sediment control policies. The focus is on the application of a new practice, design or process that has combined technological and environmental considerations to reduce erosion and sediment loss and improve water quality.

A flyer describing the awards program and the types of innovative practices it promotes was developed for distribution to individuals and companies in preliminary meetings. This will provide county staff with a way to help promote the program and encourage erosion and sediment control practices that exceed the minimums for compliance. This flyer is in Appendix 4-3.

County staff working in site development review, site engineering, and inspections make note and vote on projects to be considered for awards. Any awards given will be presented in front of the Board of

Supervisors quarterly or semi-annually, depending on the number of awards given. A plaque will be given and companies will be recognized in a splash screen on RVTV, the local public access television station. A seal or logo is also being considered so recipients can show in their literature or signage that they were recognized by the County of Roanoke for their efforts in erosion and sediment control.

In year four of the permit, no awards were given. It has been difficult to find projects that have exceeded the minimum standards for erosion and sediment control. The County also does not feel it is appropriate to give awards to projects that have just met minimum standards and have had no violations, since that is required of all projects. The County plans to utilize the Roanoke Regional Homebuilders Association and the Upper Roanoke River Roundtable to help make nominations for County review of projects that deserve recognition.

Minimum Control Measure 5: Post Construction stormwater management in new development and redevelopment.

BMP: 5-1. Develop, adopt and enforce an ordinance addressing water quality in post construction site storm water runoff. Design the Roanoke County Stormwater Management Ordinance to address water quality, watershed management, design guidelines, and other applications that will meet the VPDES Phase II requirements.

The County, along with the City of Roanoke has completed a final draft of the Stormwater Management Ordinance. Regional cooperation was important in the development of the stormwater ordinance. A final draft of the ordinance has been written that addresses several areas of concern in terms of construction resource protection including: stormwater quantity and quality, watershed planning, low impact development techniques, steep slope/soils development issues, floodplain management, land conservation, stream buffer requirements and maintenance of drainage easements. The County of Roanoke originally had enforcement of the construction stormwater quality ordinance as the goal for year three. Due to efforts to develop consistent and effective regional ordinances, Roanoke County has requested and has been approved for an extension for this BMP. See Appendix 3-2 for stormwater management ordinance modification. The Roanoke County Stormwater Ordinance will be brought to the Board of Supervisors for consideration late May 2007.

BMP: 5-2. Develop an Inspection and Enforcement program for maintenance of Post Construction structural stormwater quality controls in new development and redevelopment. The inspection program will be designed to tie into CRS inspections, Flood/911 response calls, flood damage reporting, and stream habitat inventory efforts.

This program is being created as one of the sections of the stormwater ordinance final draft which is complete. See Appendix 3-2 for extension approval for Ordinance. This ordinance outlines the maintenance schedule for landowners as well maintenance to be conducted by Roanoke County. Again, this ordinance will be brought to the Board of Supervisors for consideration late May 2007.

Minimum Control Measure 6: Pollution Prevention/Good Housekeeping.

BMP: 6-1. Develop Spill Prevention and Control Plans for Municipal Facilities

As a cornerstone of EPA's strategy to prevent oil spills from reaching our nation's waters, the Agency requires that facilities with a total above ground oil storage capacity of greater than 1,320 gallons develop and implement oil spill prevention, control, and countermeasure, or SPCC plans. All county facilities were evaluated and it was determined that the Public Safety Center, and the Cave Spring, Clearbrook, Fort Lewis, and Hollins fire stations required SPCC plans. The County hired Maureen Castern of Stratus Environmental Systems to prepare SPCC plans for the listed county facilities. The plans have been completed and the County is currently in the process of implementing them.

BMP: 6-2. Participate in a Household Hazardous Waste (HHHW) Collection Event

The County of Roanoke participated in four Household Hazardous Waste Collection events: May 7th, July 16th, Aug. 6, and Nov. 5, 2006. The last event was located at the Tinker Transfer Station - 1020 Hollins Road. Almost 350 people dropped off their unwanted household waste items. The City of Roanoke, Roanoke County, Botetourt County, Roanoke Valley Resource Authority, and the Town of Vinton provided financial resources and volunteers, which enabled the day to be a success. Almost 1300 people participated in the Household Hazardous Waste Collection days this year. A table showing the information that was distributed for the event can be found in Appendix 6-2.

BMP: 6-3. Develop and Maintain a Program for Maintenance of Public Storm Drain Systems.

The Stormwater Division of the Department of Community Development employs two stormwater construction and maintenance crews with a total of 8 men. These crews perform a large variety of duties including storm pond maintenance, installation of pipes and structures, repair of damaged structures, emergency response to flooding problems and all other county storm drain system maintenance. The measurable goal for this BMP is 5600 labor hours towards storm sewer system maintenance. Eight men working full time for one year is equivalent to 16,480 labor hours, which is nearly three times the County's commitment for this BMP.

Currently, the stormwater operations supervisor records the work on projects in a hand written logbook. A database is being developed to keep a log of drainage projects and the hours worked on those projects. This will provide a better method to maintain records of the activities of the stormwater maintenance crew and will allow for more accurate reporting of man-hours for subsequent years of the County's VPDES permit.

BMP: 6-4. Develop and maintain Pollution Prevention and Hazardous Waste training programs for County employees, grounds maintenance workers and landscaping crews.

The County of Roanoke currently maintains basic hazardous waste training for employees in Fire and Rescue. The County's Environmental Assessment Team (EAT) is a team responsible for establishing and maintaining the environmental management and ensures its conformance with state laws. The County's EAT is also involved in specifying hazardous waste training for applicable positions within the County. All County employees receive environmental awareness and management training. Human

Resources ensure this training is delivered to all County full and part-time employees. The training includes: the County's environmental policy and system to manage environmental resources, identification of potentially significant environmental impacts, environmental objectives and targets, and employee roles and environmental responsibilities.