

**Albemarle County
2008 – 2013
MS4 Program**

**Annual Report
– Year 5 –**

**Coverage under VPDES General Permit for
Small Municipal Separate Storm Sewer Systems
VAR040074**

**Albemarle County
Water Resources
401 McIntire Road
Charlottesville, Virginia 22902
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October 2013



COUNTY OF ALBEMARLE

Office of County Executive
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October 2, 2013

Brandon Kiracofe
MS4 Program
DEQ Valley Regional Office
4411 Early Road
Harrisonburg, VA 22801

Re: Certification of Albemarle County VPDES Year 5 Report

Mr. Kiracofe:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or other persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

A handwritten signature in cursive script that reads "Thomas C. Foley".

Thomas C. Foley
County Executive

TCF/dbm
13.025

This report documents Albemarle County's activities related to the six minimum control measures and other requirements for Year 5 under its 2008 – 2013 general permit for small MS4s (VAR040074). Program activities are carried out by staff from both Albemarle County Local Government (including the Departments of General Services and Community Development) and Albemarle County Public Schools.

The sections that follow are responses to information requested in Section II.E.3 of the general permit; tables of proposed BMPs include specific progress comments.

Roles and Responsibilities

There have been no changes to staff roles and responsibilities.

New MS4 Outfalls

The County does not own and maintain an MS4-wide storm sewer system. Rather, private developments typically construct onsite stormwater management systems which have discharge points into channels or streams. The County does not have complete records of older privately-owned connections but we now map outfalls associated with new stormwater management facilities and conveyance systems. We also periodically survey streams within the development areas for outfalls as part of our IDDE program. Any new private outfalls are reported as discussed in the Permanent Stormwater Management Facilities section below.

New County-owned outfalls include the following school project which resulted in additional impervious areas and stormwater discharges:

- Western Albemarle High School Track and Tennis Court: 0.15 acres (JR01)
- Monticello High School Parking Lot: 0.47 acres (JR15)

Status of Compliance with Permit Conditions

The County is in general compliance with all permit conditions.

The County received an Administrative Order from EPA in early April 2013 alleging minor deficiencies in complying with requirements of the MS4 Program Plan based on a 2011 “paper” audit of documents submitted to DCR between October 2009 and October 2010. County staff submitted a response in late April contending that we had, in fact, complied with the MS4 Program Plan but that we failed to completely document our compliance; additional information was submitted to EPA. In July 2013 EPA sent a letter to the County indicating that they had concluded the County is in compliance with the requirements of the MS4 permit and had met the conditions of the Administrative Order.

Assessment of Appropriateness of Identified BMPs

Albemarle County's various programs being implemented under this VSMP permit are comparable to or exceed those of other local governments or institutions in breadth of program elements and the level of execution. The BMPs in the County's MS4 Program Plan

are based on guidance from DCR and other institutions such as the Center for Watershed Protection, are consistent with the Virginia Stormwater Management Handbook and the Virginia Erosion and Sediment Control Handbook, and are generally considered appropriate for the management of stormwater from MS4s.

Progress towards Achieving Measurable Goals for Each MCM

The sections that follow summarize activities the County has completed during the reporting year for each minimum control measure (MCM).

Public Education and Outreach

Several County divisions maintain separate websites to provide information and announcements to online visitors:

- Local Government Water Resources: www.albemarle.org/water
- Local Government Environmental Management: www.albemarle.org/environment
- Schools Environmental Management:
<http://www2.k12albemarle.org/dept/osp/building/environmental/Pages/Stormwater-Management.aspx>

The County (both Local Government and Schools) has continued its fruitful collaboration with other local VPDES permit holders – the City of Charlottesville, the University of Virginia, the Rivanna Water and Sewer Authority, and the local Virginia Department of Transportation – in implementing education and involvement efforts through the Rivanna Regional Stormwater Education Partnership (RRSEP). The Thomas Jefferson Soil and Water Conservation District (TJSWCD) serves as the partnership coordinating body. The partnership website is <http://www.rivanna-stormwater.org/>; its website visitation summary statistics for December 2012 and June 2013 are included as attachment 1a. Monthly summaries of unique visitors for the entire reporting year indicate an increase in use during the spring months.

RRSEP meets at least six times per year to discuss and organize initiatives and share information pertaining to meeting stormwater permit requirements. This past reporting year, the partnership met nine times; meeting minutes are provided (attachment 1b). Specific activities that the partnership undertook this past year include:

- 925 Albemarle County Public School 4th graders took part in [Meaningful Watershed Education Experiences](#) (MWEEs) on the Mormon River at [Camp Albemarle](#) with Enviroscope watershed model and biological stream monitoring stations; twenty volunteers assisted for a total of 100 hours (September – October 2012 and April – May 2013)
- Quarter-page ad on Fall Stormwater BMPs for Homeowners placed in weekly newspaper [The Hook](#) for two consecutive weeks (September 2012)
- 26 English-language and 26 Spanish-language posters on Fall Stormwater BMPs for Homeowners placed on [Charlottesville Area Transit](#) buses (September 2012)

- Quarter-page ad on Spring Stormwater BMPs for Homeowners placed in weekly newspaper [The Hook](#) for two consecutive weeks (March 2013)
- 26 English-language and 26 Spanish-language posters on Spring Stormwater BMPs for Homeowners placed on [Charlottesville Area Transit](#) buses (March 2013)
- Manned RRSEP stormwater and pet waste display at Charlottesville Eco-Fair; approximately 100 visitors (April 2013)

In 2012, the Rivanna River Basin Commission (RRBC) was a recipient of a grant from Virginia DCR through EPA 319 Grant Funding for the implementation of the Moores Creek TMDL. Moores Creek, a tributary of the Rivanna River, is located within Albemarle County and the City of Charlottesville. A section of Moores Creek was first listed as impaired by fecal coliform in 1998 (this was later updated to reflect the *E. coli* impairment and revised standard). The Thomas Jefferson Planning District Commission (TJPDC) wrote an implementation plan (IP) for the TMDL in 2005 however, it was never approved by EPA. In 2012, RRBC worked with its grant partners, including Albemarle County, Charlottesville, TJSWCD, TJPDC, and local service authorities and non-profits to develop a [revised IP](#).

A large component of this revised IP was to address non-point bacteria sources from pets in the watershed. RRSEP serves as the main partner in leading the pet waste component of the grant. Pet waste specific education and outreach activities that took place during the reporting period include:

- Presentations to several neighborhood associations within the Moores Creek watershed on the TMDL and implementation of the pet waste program (October 2012, April 2013, and May 2013)
- Pet waste-specific displays at local pet store (in Albemarle County) and during a neighborhood association fall event (October 2012 and February 2013)
- Pet waste flyer (right, and included as attachment 1c) with information on pet waste composter cost share available through the grant mailed to all registered dog owners in Moores Creek watershed (both Albemarle and Charlottesville) and posted in 50 pet-related businesses (November 2012 – March 2013)
- Pet waste educational radio advertisement broadcast on five local radio stations over a week in both December and early spring for a total of 316 public service announcements (December 2012 and February – March 2013)
- Pet waste component of RRSEP web site significantly expanded (October 2012)



There are several events related to pet waste and bacteria that received news coverage during the reporting year, including:

- <http://www.nbc29.com/story/22726548/conservation-society-warns-of-health-dangers-in-rivanna-river>
- <http://www.nbc29.com/story/21760181/envioronmental-groups-working-together-to-monitor-bacteria-in-rivers>
- December 7, 2012, Rivanna Watershed Snapshot Open House event: <http://www.cville.com/rivanna-watershed-snapshot-shows-progress-room-for-improvement/#.UNTQE16AcUU>
- Watershed Improvement Plan for Lodge Creek, Meadow Creek, Moores Creek and Schenks Branch: <http://www.cvilletomorrow.org/news/article/13001-watershed-improvement-plan/>

During this reporting period, several homeowners associations have, upon request, been given [BMP signs](#) for free to post at the site of their stormwater management facilities. The signs are intended to educate people on the facility's purpose and to describe what should be done or avoided in order to improve the performance and longevity of the facility. In all, approximately 24 signs have been installed at public and private facilities within the County. The Public Schools maintains an educational sign at Broadus Wood Elementary School at a biofilter and a sign has been fabricated but not yet installed at a new County stormwater wetlands system in the town of Crozet.

Beyond RRSEP, many departments within Albemarle County participated in the production and distribution of the RRBC's **2012 Rivanna Watershed Snapshot**, a "report card" or summary of the health of Rivanna River and its watershed. Albemarle County participated in the December 7, 2012, Open House event sponsored by RRBC which invited the public to interact with key environmental stakeholders within the watershed.

The TJSWCD continues to conduct public education activities on behalf of the County under an ongoing contract; the contract, beginning July 1, 2012, is included as attachment 2a. Reports of activities for year 5 (approximately 770 total hours) are included as attachment 2b. Highlights of these activities include:

- watershed education for County students at [Camp Albemarle](#)
- developed educational ads for use by RRSEP
- refinements to IDDE-related GIS information
- assistance with inspections of privately-owned stormwater facilities

proposed BMP	implementation schedule, including milestones	year-5 progress
– as partner of RRSEP		
meet as a group at least 6 times per year	ongoing	met 9 times; minutes are attached
provide general stormwater pollution prevention awareness to the public through various media with particular focus on minorities, disadvantaged audiences, and minors ...	continue existing education efforts with a focus on at least 1 unique audience per year	continued general stormwater education initiatives; completed focused educational campaigns targeting pet owners; spring and fall BMP ads also posted in Spanish
... and with a priority on reducing impacts to impaired waters and addressing local pollutants of concern	<i>year 1:</i> determine appropriateness of special effort to focus on impaired waters <i>years 2 - 5:</i> if deemed appropriate, incorporate impairment-specific messages into overall education campaigns	County streams are impaired for bacteria and benthic due, primarily, to urban development; general stormwater education messages are appropriate for both types of impairment; in addition, the focus of our education efforts this past reporting period has been on managing pet waste
whenever possible, incorporate messages related to the prohibition of illegal discharges and proper disposal of waste (including pertinent legal implications) into greater outreach campaigns	ongoing	continued pet waste education through various outlets
implement or participate in at least one major activity or event per year (such as a workshop, tour, or speakers bureau)	one major event per year	participated in the Charlottesville Eco-Fair and the 2012 Rivanna Watershed Snapshot open house and gave multiple tours to many people of stormwater BMPs at County office building
continue to do targeted education campaigns for industrial, commercial, and institutional entities likely to have significant stormwater impacts	at least one group every two years	due to the partnership's focus on pet waste, no industries were especially targeted this period
maintain the RRSEP website and track the number of hits	ongoing	continued website enhancements; web usage data included as attachment 1a
– independently		

develop and refine various brochures and fact sheets; make these available at County Office Building and online; distribute at appropriate events	continued and ongoing	brochures are available online, at public parks, county office building, and events; brochures are occasionally updated
develop and install educational signs at major capital projects	complete within six-months of completion of project	signs have been fabricated and are ready to be installed at a major capital project recently completed; planning for the sign fabrication for an additional facility is awaiting the completion of an adjacent trail
give tours of demonstration BMPs (including green roof) located at County Office Building and other County properties	continued and ongoing	tours to the County's green roof and other onsite BMPs were given to UVA students, County employees, and native plant enthusiasts during this reporting period
utilize local news media to the extent possible to promote and cover events, projects, milestones, and other initiatives	continued and ongoing	several news stories coverage events related to pet waste and bacteria (see text above and attachment 3)
maintain County website	continued and ongoing	the County various websites and the RRSEP website are continually updated with new information
- through contract with TJSWCD		
work with schools to develop and implement teacher and student stormwater and watershed education	continued and ongoing	documented in attached invoices
implement storm drain placard installation program	continued and ongoing	documented in attached invoices
provide specific outreach and education to HOAs and other owners of private BMPs regarding maintenance responsibility	continued and ongoing	the County has begun offering to speak at meetings; however, no HOA has yet accepted an offer

Public Involvement and Participation

The County's [MS4 Program Plan and annual reports](#) are available online at the Water Resources website (www.albemarle.org/water). To date, we have received no public comments – written or otherwise – regarding the plan and reports.

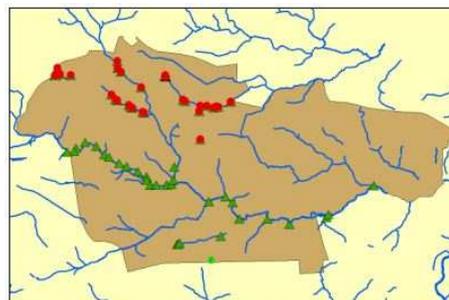
We have organized and/or participated in – sometimes through the RRSEP – multiple events in which the public was invited to participate, including a September 20, 2012 public meeting regarding the development of a TMDL for several local streams and a June 29, 2013 rainwater harvesting seminar and rain barrel fundraiser.

proposed BMP	implementation schedule, including milestones	year-5 progress
– as partner of RRSEP		
participate in and encourage public participation in local water quality improvement initiatives, including: <ul style="list-style-type: none"> • stream clean-ups (such as that sponsored by RCS) and other activities conducive to public participation • activities associated with capital projects implemented by partners • the technical advisory committees of organizations 	a minimum of one major event per year; regular participation on TACs	participated in TMDL public meeting; continued active participation on the Technical Advisory Committee of the Rivanna River Basin Commission
– independently		
announce, on the County's website (main page), the occurrence of all significant updates to the MS4 permit, such as this draft Program Plan	immediately upon completion of plans, reports, etc.	program plan and all annual report are available on website; new annual report will be announced on main page
on the County's website (water resources), provide information about and links to the latest registration statement, Program Plan, and annual reports	year 1: establish location and format on website; update as needed	annual report will be added to website; a separate location on the website has been created for MS4-related information
provide contact information for key staff associated with each MCM	in conjunction with above	staff contact information available on website
make available printed versions of above documents	as requested	these are available upon request
participate in events as a sponsor, partner, or participant; possible events include: County Open House, Charlottesville Eco-Fair (Earth Day), Rivanna Conservation Society stream cleanups, green-themed events, youth watershed summit	have presence at 3 events per year	participated in 2 events (see text above)

Illicit Discharge Detection and Elimination

The County has been incrementally conducting an IDDE survey of all perennial and intermittent streams within the MS4 boundaries.

The survey includes mapping storm sewer, culvert, and channel outfall locations and conducting a visual screening for signs of illicit discharges. Over the last seven years, approximately 898 outfalls have been surveyed; 156 total outfalls have been surveyed during this 5-year program cycle (July 2008 – June 2013). During this reporting year 31 outfalls were surveyed in the town of Crozet. The



geographic extent of outfall points is indicated in the graphic above. A couple of suspicious discharges of minor concern have been investigated but no illicit discharges or connections have yet to be discovered.

The survey record includes outfall ID, the date, a photo, a description of the outfall infrastructure, and physical indicators of possible illicit discharges. An inventory field sheet was developed based on the 2004 IDDE guidance manual prepared by the Center for Watershed Protection and Robert Pitt; an example sheet was included in last year’s report.

The County annually responds to a few communications by the public of suspected illicit discharges through its new web-based reporting form. Additional reports or inquiries from the public come through the normal County phone system or forwarded by colleagues. On average, only a couple of reports per year result in the confirmation of minor illicit discharges and all are addressed by communicating directly with the responsible party. No fees have been issued.

The District continues to assist the County in implementing its IDDE program under a two-year contract (attachment 2a). Reports of activities for year 5 are included as attachment 2b. Highlights of these activities include outfall mapping and responding to alleged illicit discharges.

proposed BMP	implementation schedule, including milestones	year-5 progress
develop and maintain map of stormwater infrastructure <ul style="list-style-type: none"> • locate discharge points • locate stormwater management facilities • to the extent possible, map conveyance infrastructure (both points and lines) 	<i>year 1</i> : complete locating discharge points and SMF locations <i>years 1-5</i> : map conveyance infrastructure (as information is located)	discharge locations into streams have been mapped for the Crozet area through IDDE survey; all SMF locations are mapped as they become operational; storm infrastructure is fully mapped on County properties and private systems are being incrementally mapped
perform periodic inspection of outfalls and storm sewer system for signs of illicit discharges and connections	<i>bi-annually</i> : perform inspection throughout MS4	31 outfall locations in Crozet were surveyed and mapped this reporting period
develop, implement, and refine procedures for addressing known or suspected illicit discharges and connections	ongoing	SOPs will be developed as part of the new permit requirements
maintain mapping and inspection information in GIS	ongoing	mapping is ongoing; facility locations and their watersheds are complete; infrastructure within the MS4 area will be mapped under the new permit

Construction Site Stormwater Runoff Control

Although no changes were made to the Water Protection Ordinance during the reporting year, staff is currently working on changes that reflect the new VSMP requirements and new stormwater management rules. The near-final ordinance amendments will be made available to DEQ prior to the end of the calendar year.

proposed BMP	implementation schedule, including milestones	year-5 progress
encourage E&S control designs that have the goal of maintaining or replicating pre-development runoff characteristics and site hydrology	<i>year 1:</i> consider applicability and feasibility of stated goal <i>year 2:</i> if feasible, determine most appropriate means of implementing <i>year 3:</i> implement	E&S rules were made more restrictive several years ago; no additional changes to E&S regulations have been implemented
require construction site owners and operators to secure a VSMP permit for construction activities	<i>year 1:</i> require proof of VSMP permit prior to issuance of County permit	the County is in the process of amending the ordinance and programs to administer the delegated VSMP program; this will become effective on July 1, 2014
enhance procedures for receipt and consideration of public input (hotline/website)	<i>year 1:</i> determine most appropriate means <i>year 2:</i> implement	hotline (434/296-5834) and online complaint form now available
periodically review site inspection and enforcement procedures and augment, as needed	ongoing and as part of overall MS4 program evaluation	the County Engineer and E&S program administrator has been working with inspectors on better inspection and tracking protocols; the site inspection and enforcement procedures will be updated as part of the VSMP implementation
ensure that County staff obtain and maintain required certificates	annually review	all E&S staff have required certificates
enhance, as needed, the tracking and reporting of required information	<i>year 1:</i> determine most appropriate means <i>year 2:</i> implement <i>years 3+:</i> assess	the County has been developing an enhanced database to track E&S information

Post-Construction Stormwater Management in New Development and Redevelopment

Although no changes were made to the Water Protection Ordinance during the reporting year, staff is currently working on changes that reflect the new VSMP requirements and new stormwater management rules. The near-final ordinance amendments will be made available to DEQ prior to the end of the calendar year.

proposed BMP	implementation schedule, including milestones	year-5 progress
encourage the use of structural and non-structural design techniques that have the goal of maintaining or replicating pre-development runoff characteristics and site hydrology	<i>year 1:</i> consider applicability and feasibility of stated goal <i>year 2:</i> if feasible, determine most appropriate means of implementing <i>year 3:</i> implement	the County is in the process of amending the ordinance and programs to administer the delegated VSMP program and new stormwater management criteria; this will become effective on July 1, 2014
require owners of permanent stormwater management facilities to develop a recorded inspection schedule	<i>year 1:</i> determine feasibility and best approach to meet intent of stated goal <i>year 2:</i> if feasible, develop procedure <i>year 3:</i> implement	it is the County's policy to provide inspections of facilities rather than require owners to complete their own inspections; staff then works with owners to ensure the necessary maintenance or repairs are made; the County keeps all inspection and communication records in a database
ensure that site inspection and enforcement measures are consistent with the Virginia Stormwater Management Act and attendant regulations	ongoing and as part of overall MS4 program evaluation	program is implemented under the guidance of a PE

Pollution Prevention & Good Housekeeping

Through our Environmental Management Policy, the County is committed to environmental compliance, pollution prevention, and continual environmental improvement. Many of the efforts related to the County's implementation of an Environmental Management System (EMS) satisfy requirements under this stormwater permit. Local government and Public Schools have separate programs administered by different staff. Highlights of this program include:

- At the July 2013 General Services Department monthly staff meeting, staff was trained on the County EMS program and preventing stormwater pollution during day-to-day activities and operations.
- All waste materials from our facilities are disposed of properly and contained in covered dumpsters. Dumpsters at local government and school locations were all replaced in November 2012 and are required to be cleaned on a regular basis by waste hauler.
- A contractor agreement is in place for the majority of our maintenance, grounds, and custodial contracts that states that any contractor doing work in/on our facilities will not dump anything down a storm drain. All contractors, including painters, general construction contractors, and carpenters, must sign this document before any work is conducted.

- We have implemented our Safer Chemical Management Policy, which mandates that Green-certified cleaners be used and that the majority of herbicides be bio-based.
- We have implemented an Integrated Pest Management (IPM) program for the safer treatment of indoor pests as part of the Safer Chemical Management Policy.
- Albemarle County was certified at the Gold Level in the Virginia Municipal League’s “Go Green Virginia” challenge which is a statewide competition for localities to showcase their various pollution prevention-related programs; Albemarle County Public Schools was also certified at the Gold Level.
- As part of our internal energy conservation program, which is likely our most robust pollution prevention initiative, we earned the ENERGY STAR label for two of our County office buildings and achieved a 31% overall energy reduction goal by the end of calendar year 2012.
- We’ve achieved E3 level certification in VDEQ’s Virginia Environmental Excellence Program (VEEP) for the Department of General Services and Department of Parks and Recreation fencelines.
- The County Public Schools has achieved E3 level certification in VDEQ’s Virginia Environmental Excellence Program (VEEP).
- The County Public Schools has developed an integrated pest management program for indoor and outdoor pest/weed control. This minimizes the amount of pesticides and herbicides used on school properties and subsequently discharged in stormwater.
- The County Public Schools also developed a program to save potable water and reduce unnecessary runoff by adjusting schedules and irrigation amounts based on monitored rainfall.
- Weekly inspections are done at a permitted vehicle wash outfall. Interior automated wash bay reduces number of vehicles being washed at exterior bay.
- Two County schools are registered LEED for Existing Buildings.
- Two County schools received state level recognition as a Green Ribbon School; one school received national level recognition.
- A rain barrel was installed at Greer Elementary to a water garden in the courtyard.
- Maintenance and custodial personnel at fuel site locations were trained on cleanup measures and emergency response.

proposed BMP	implementation schedule, including milestones	year-5 progress
environmental management system (EMS) implementation	ongoing	EMS is being aggressively implemented (see text above)

provide periodic pollution prevention training to applicable County staff	ongoing	entire PW division and school building services and custodial staff were instructed on good housekeeping practices
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Results of Information Collected and Analyzed

Albemarle County has not collected or analyzed data related to its stormwater permit, except for the information provided pertaining to BMPs. The County relies on the surveys and analyses done by [StreamWatch](#), which are reported to DEQ, to gage the general health of County streams.

Formal Evaluation of MS4 Program

In accordance with section II.E.1.b.of the permit, the County hired a consultant to perform an extensive assessment of the County’s MS4 program. The assessment was conducted using the protocols of EPA’s Ms4 Program Evaluation Guidance document. The assessment concluded that the program was generally robust but could be improved by having written inter-departmental and inter-organizational agreements, developing various written standard operating procedures, and improving information management systems. A copy of the evaluation can be made available.

Activities Planned for Next Reporting Period

In addition to continuing the implementation of core programs and initiatives, the County will begin to revise various program elements per the time schedule of Table 1 in the new permit, including applicable TMDL action plans.

Driven – in part – by these new requirements, County staff will be conducting a series of work sessions with the Albemarle County Board of Supervisors to bring about decisions regarding future levels of program implementation and funding.

Change in BMPs or Measureable Goals

The County will be altering existing BMPs, developing new BMPs, and changing measureable goals as part of the program development under the new permit.

Notice that County is Relying on Outside Party

As indicated in previous sections, Albemarle County continues to receive services related to implementation of its MS4 program plan from staff of the TJSWCD. The current contract for services is from July 1, 2012 through June 30, 2014 (attachment 2a).

Number of Illicit Discharges Identified / How They Were Eliminated

Albemarle County received two reports of suspected illicit discharges during the reporting year.

The first – forwarded by a colleague at the Albemarle County Service Authority – was an observation by a canoeist of foamy discharge from a culvert serving a commercial

development along the Rivanna River and – further upstream – approximately 100 total acres of urban development. Jennifer Welcher (DEQ) was notified early during the investigation. A car wash within the sewer shed was first suspected but then dismissed after an initial investigation by the Service Authority. Not knowing the source of the foam, the County sent a sample of the discharge (still somewhat foamy) to our lab. The results showed a level of surfactants below the threshold indicating an illegal discharge (per the IDDE manual). We intend to periodically visually inspect this site for indications of possible illicit discharges.

The second was what appeared to be discharge from a washing machine through a PVC pipe into a small channel in the town of Crozet. An investigation revealed that the pipe was the outfall to a basement groundwater seepage sump.

Regulated Land-Disturbing Activities

The following table is a summary of regulated land-disturbing activities for the reporting period. The detailed information can be made available upon request.

total number of regulated land-disturbing activities	37
total disturbed area (acres)	342.6

Permanent Stormwater Management Facilities

The County has a policy of periodically inspecting all permanent stormwater BMPs. The number of facilities within the County has grown to be about 850. Our goal is to inspect each facility every one to three years, depending on the type of facility. The locations of the facilities are maintained in a GIS and other data are maintained in a database.

A new inspection database – developed around CityView software used by many other County divisions, such as permitting and code enforcement – continues to be refined to enhance the productivity of inspections and the various follow-up activities. Information in the database and GIS has been joined during the reporting period.

Requested information pertaining to the new BMPs brought online during the reporting period is attached (attachment 4) and will be made available in digital format.

Written Comments Received during Public Comment Period

The County has not received any written comments regarding its MS4 program. Occasionally, someone will inquire about the availability of the Program Plan and Annual Reports; they are directed to the County’s website.

List of Attachments

- 1) Rivanna Regional Stormwater Education Partnership
 - a) website statistics
 - b) meeting minutes
 - c) pet waste flyer
- 2) TJSWCD Documents
 - a) contract to provide services: July 1, 2012 – June 30, 2014
 - b) summary report of activities for period July 2012 – June 2013
- 3) In the News
- 4) New Permanent BMP Data