



City of Lynchburg • Water Resources
525 Taylor Street • Lynchburg • Virginia • 24501
www.lynchburgva.gov • P 434-455-4250 • F 434-845-7353

October 1, 2016

Department of Environmental Quality
Blue Ridge Regional Office
Attn: Ms. Winks
7705 Timberlake Road
Lynchburg VA 24502

Re: MS4 General Permit Annual Report
VAR040008
Permit Year 3

Dear Ms Winks:

The following information is submitted as a requirement of the above referenced Municipal Separate Storm Sewer System permit.

A. Background Information

Name of Program Submitting Annual Report
City of Lynchburg, Virginia

Permit Number
VAR040008

Annual Report Year
Permit Year 3

Modification to any operator's department's roles and responsibilities
The Department of Water Resources remains the responsible department of the permit.

Number of new MS4 outfalls and associated acreage by HUC added during the permit year. Two new MS4 outfalls were added in permit year three. Required information is listed in the table below.

Outfall Site	Drainage Ac.	HUC	Receiving Stream
John Capron Road	.15	JM 11	Fishing Creek
Huron Ave	1.7	JM 07	James River

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

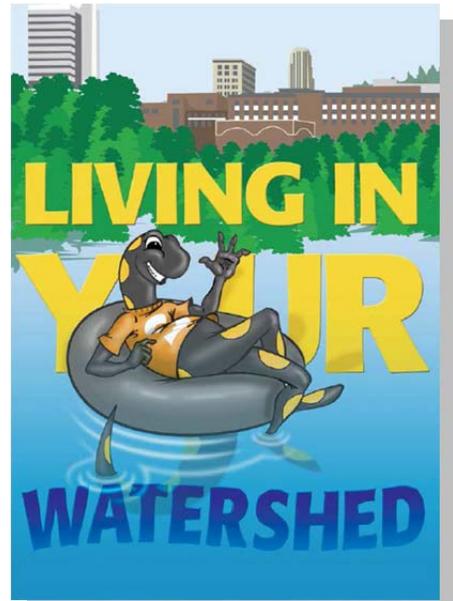
B. Status of Compliance & Assessment of Appropriateness

1. Public education and outreach on stormwater impacts.

1.A General Public Education and Outreach

In 2012, the City implemented a stormwater utility to provide the dedicated revenue needed to support the City's stormwater program. At the time there was considerable effort placed on educating the citizens and stakeholders as to what the stormwater program was about and the various components that are required to run a successful program. It is just as important now to continue to educate the Citizens about the stormwater program and now their role in being part of the solution.

In addition to the activities listed below, earlier this year the City of Lynchburg received grant funding from the National Fish and Wildlife Foundation to collaborate with residents and partner agencies to develop a Walkable Watershed Concept Plan. The Walkable Watershed process links the concepts of clean waters and healthy communities to improve creeks and neighborhoods simultaneously.



The Concept Plan builds on existing plans and initiatives and provides an integrated planning approach to improve water quality and community health. This integrated approach helps communities leverage more resources, work more efficiently to find new solutions, and increase the likelihood of success by acting on multiple fronts.

Working together, the City, the James River Association and Skeo Solutions have identified a set of near-term action steps, and have implemented improvements, such as the Fairview Heights Community Center rain garden. Once finalized the Concept Plan will provide specific recommendations and opportunities for City departments to collaborate across programs, community organizations and residents to work together towards a cohesive vision for the neighborhood.

The internet remains a cost effective way to provide stormwater management information to the public so the City will continue to host a stormwater management web page that will serve as a resource for citizens regarding stormwater management and pollution prevention activities. This site will be continually updated with information regarding the MS4 Permit, the Utility and Credit Program and the Illicit Discharge page. The following is the web address of the stormwater home page: <http://www.lyncburgva.gov/stormwater-management>.

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

During PY4, the City will continue to implement the General Public and Education Outreach strategies outlined in the Program Plan. These include distribution of print material, general messages regarding stormwater pollution and presentations to community groups.

Date	Event/Description	Audience Reached
9/9/2015	Met with HOA to discuss implementation of Riparian Buffers and other BMP's on property	3
10/7/2015	R.E. Lee SWCD Soils Health Field Day – Rain Barrel Workshop	8
10/10/2016	Walkable Watershed Community Fair	~25
2/4/2016	Storm Water Local Assistance Fund Public Meeting – Sheffield Elementary School	6
3/12/2016	Younger Park Trash Cleanup	5
4/14/2016	Career Day at William M. Bass Elementary School	~400
4/23/2016	Rain Garden Workshop and Installation at Fairview Heights Community Center	3
5/7/2016	Rain Barrel Workshop – Yoder Community Center	7
5/10/2016	Rain Barrel/Community Garden. Consult with Parks and Recreation and community members about installation/maintenance of Rain Barrels and incorporating watershed education into the student garden.	7
5/24/2016	R.S. Payne Elementary School stormwater site improvement consultation. Converting turf to native plants and incorporating watershed education.	2
5/26/2016	Rain Barrel Workshop – Daniel's Hill Center	3
3/13/2015 - 6/15/2016	Living In Your Watershed booklets distributed to 4 th graders.	600
6/8/2016	Presentation to Hill City Master Gardener's	60
6/22/2016	City of Lynchburg – Take Your Child to Work Day Event	122

Assessment: Community awareness has significantly improved by implementing an education outreach program. This BMP appears to be appropriate and will be continued.

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

1.B Pet Waste Pollution Prevention Education and Outreach

Bacterial impairments are typically attributed to fecal bacteria that come from wildlife, agricultural activities, pets, and human sources. However, pet and animal waste can also be a large contributor of bacteria to local waterways. Many of the City’s recreational facilities, including a significant trails system and a recently built dog park, are located relatively close, if not adjacent, to local waterways. In addition, the City continues to be actively involved in the redevelopment of the James River Bacteria TMDL to address sources of bacteria with pet waste identified as a source.

Although this TMDL is not yet approved, the City has moved forward with this public education program with a *Clean Water, Clean Yards, Clean Shoes* message to encourage the users of City facilities to clean up after their pets in the hopes they will carry that message home with them. During PY4, the City will continue work with partners and organizations, such as the Lynchburg Humane Society, to reach the target audience through their newsletter and in participation in their programs. The City will also document locations of public and private pet waste stations. Collaboration with other City departments has already begun in identifying and mapping current location pet waste stations. The City has a target of reaching 20% or 200 people in PY 4.



The following is a summary of the PY 3 Activities:

Measurable Goal	# of People Reached	% of Target Audience Reached
Attend community events and distribute information	650	65%
Distributed Pet Waste brochure	2,500	313%
"Scoop the Poop" message in Lynchburg Humane Society Quarterly Newsletter	11,000	1100%
Distribute Pet Waste Promotional Items	20	2%

The following activities are planned for PY 4:

Measurable Goal	Estimate # of People to Reach	% of Target Audience
Attend community events and distribute information	500	56%
Distribute Pet Waste brochure	200	22%
Distribute Pet Waste Promotional Items	200	22%

Assessment: Community awareness has improved with the implementation of this outreach message. This BMP appears to be appropriate and will be continued.

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

1.C Homeowner Yard Maintenance Education and Outreach

Reducing the amount of nutrients, such as phosphorus and nitrogen, and sediment that enter surface waters is the primary driver of the Chesapeake Bay TMDL. Proper yard maintenance and practices can influence water quality and reduce nutrient pollutants to local waters. Simple practices of limiting the amount of fertilizer applied to lawns, cutting grass at a taller height, and proper disposal of yard waste can all reduce the amount of nutrients and sediment leaving a home site. Educating homeowners on best management practices for maintaining their yards could reduce their cost (using less fertilizer) and help improve water quality.

All homeowners would benefit from being educated on proper yard maintenance. Homes with yards directly adjacent to a stream or homes where run-off flows directly into a storm drain without any treatment, have a greater potential for runoff to carry debris and fertilizers directly to a stream. During PY3, several local stores were contacted to see if they would display “Fertilize Smart” materials and those that responded said they would not display information. During PY4, the City will work to continue partnerships with groups, such as the Master Naturalist/ Master Gardner groups in the area and evaluate other outreach options. The City has an estimated target audience of 5,000 homeowners with a target of reaching 20% or 1,000 homeowners in PY 4.



The following is a summary of the PY 3 Activities:

Measurable Goal	# of People Reached	% of Target Audience Reached
Homeowner Site Consult Visits	3	<1%
Distributed Fertilize Smart Brochure	1,250	25%
Display at Lynchburg Community Market	2,000	40%
Leaf Collection PSA	100	2%

The following activities are planned for PY 4:

Measurable Goal	Estimate # of People to Reach	% of Target Audience
Homeowner Site Consult Visits	5	<1%
Distribute Fertilize Smart Brochure	1,000	20%
Lynchburg Museum Garden Day	75	1.5%
Display at Lynchburg Community Market	1,000	20%

Assessment: Community awareness has improved with the implementation of this outreach message. This BMP appears to be appropriate and will be continued.

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

1.D Septic Maintenance Education and Outreach

Bacterial impairments are typically related to fecal bacteria that come from wildlife, agricultural activities, pets, and human sources. Human sources of fecal bacteria are often related to faulty infrastructure, infiltration and inflows of sanitary systems resulting in overflows, and illicit connections. There are a number of households in the City that have on-site septic systems, which could also serve as a source of bacterial and nutrient loading. Unmaintained septic systems can lead to a large amount of chemicals, nutrients, and bacteria leaching into the surrounding environment without being properly filtered. Septic system maintenance is integral in maintaining water quality, however, citizens that have a home with a septic system may not be aware of the necessary maintenance and concerns associated with septic systems.

The City will continue to use the EPA’s “*Septic Smart*” brochure as a resource to education homeowners on septic maintenance. There is an estimate 3,500 properties with a septic system in the City. This was determined by looking at the Utilities Billing information for the number of “water only” billing accounts. During PY 4, the City will continue to work with the VA Department of Health as well as explore additional avenues and/or partnerships to provide resource information to reach the target audience. The City has a target of reaching 20% or 700 homeowners in PY 4.



The following is a summary of the PY 3 Activities:

Measurable Goal	# of People Reached	% of Target Audience Reached
Targeted mailing to septic property owners	680	19%
Distributed EPA Septic Smart tri-fold brochure	540	15%

The following activities are planned for PY 4:

Measurable Goal	Estimate # of People to Reach	% of Target Audience
Targeted mailing to septic property owners	680	19%
Distribute EPA Septic Smart tri-fold brochure	500	14%

Assessment: Community awareness has improved with the implementation of this outreach message. Several property owners have inquired about follow up information after receiving the septic mailing. This BMP appears to be appropriate and will be continued.

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

2. Public Involvement/participation.

2.A Public Notice and Involvement

For permit year three, including subsequent years, the general permit is published on the City's web site. From the City's home page www.lynchburgva.gov, clicks are required on City Departments; Water Resources Department; Stormwater Utility/MS4 permit; Virginia Stormwater Management Program-MS4 General Permit.

For permit year three, including subsequent years, the annual report is published on the City's web site. From the City's home page www.lynchburgva.gov, clicks are required on City Departments; Water Resources Department; Stormwater Utility/MS4 permit; July 1, 2015 to June 30, 2016 MS4 Annual Report.

The direct web page address is <http://www.lynchburgva.gov/stormwater-utilityms4-permit>

Assessment: This is a worthwhile effort and will continue.

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

2.B Promote and Support Volunteer Activities

The City has participated in many education and outreach activities during PY 3 including the following:

Date	Event	Description	Audience Reached
8/18-8/19/2015	Blackwater Creek & Fishing Creek Stream Cleanup	Students Participated in trash and tire removal along 0.6 mi section of Blackwater Creek and 0.2 mi section of Fishing Creek	30
10/17/2015	Blackwater Creek Stream Cleanup	Stream Cleanup with Virginia Eagle Distributing Co. volunteers along Blackwater Creek.	15
4/11/2015, 6/13/2015, 10/10/2015	Household Hazardous Waste Collection Events	Allows citizens to properly dispose of material which should not be put in the landfill or poured down the drain due to toxicity or the potential for pollution of groundwater.	Regional
3/12/2016	Younger Park Trash Cleanup	Park trash cleanup with neighborhood volunteers	5
3/19/2016	March on Litter	Volunteers cleaned up several locations across the Lynchburg	60
6/24/2016	Storm drain Marking	Students Participated in marking 35 storm drains in downtown Lynchburg.	35

The City also promotes several groups and events each year. These events include the annual March on Litter, the Citizens for a Clean Lynchburg, Hazardous Household Waste Collection Days, and clean up events with the James River Association.

Assessment: This measure is effective at increasing the public's awareness and knowledge on local water quality issues and the City will continue to promote and support volunteer events.

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

3. Illicit Discharge Detection and Elimination (IDDE)

3.A Maintain an accurate storm sewer system map and required information table.

The City of Lynchburg has had a Storm Sewer System Geographic Information System (GIS) feature class, including location of storm outfalls for a number of years. The Department of Water Resources (DWR) is the owner of this mapping system and is responsible for the continued update and maintenance of this dataset. Since the department took ownership of the information we have been diligently working to update the stormwater feature class with the best information available.

In early 2013, the DWR undertook a massive task of overhauling the storm feature dataset using a combination of methods such as as-built documents and field verification. This will result in an updated, networked feature class that can be used for documenting all required attribution and for tracking suspected or found illicit discharges. Although not a permit requirement, the department has been simultaneously conducting a systems condition assessment of public stormwater infrastructure so that we may have a better understanding of the system's condition, rehabilitation needs and opportunities for implementation of stormwater BMPs towards meeting the TMDL Action Plan requirements.

By the end of PY3, the City had conducted mapping/field verification and conducted condition assessments of approximately 75% of the City. The City will complete this effort by the end of PY4.

Assessment: This effort will result in a networked system that has tracking capabilities as well as being the vehicle for providing the required attribution for the permit. It will also allow the opportunity to look for retrofit opportunities while also fully understanding the capital costs needed to operate and maintain the storm sewer system.

3.B Prohibit non-stormwater discharges into the storm sewer system of the MS4.

The City Code, Section 16.2 Stormwater Management Ordinance, Article V provides the legal mechanism to prohibit non-stormwater discharges and has been in effect since 2008. This Ordinance was updated for clerical and clarification purposes and adopted July 1, 2014, concurrent with the adoption of the new VSMP stormwater management program and its attendant regulations.

During PY3, outfall reconnaissance was performed on 54 public outfalls. Inspections were performed in the late spring and early summer of 2016. There were a total of 8 flowing outfalls. Through the use of water quality testing and flow tracing one suspected illicit activity was found. A summary of the findings from the flowing outfalls is listed below.

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

Location ID	Date	Flow (cf/s)	Follow-up Actions	Ammonia (mg/L)	Fluoride (mg/L)	Detergents (mg/L)	Potassium (ppm)	Resolution
SWO.5557.01.005	2/29/2016	Pooling	Sample, Flow tracing	0.74	1.33	3	19	Identified fixed car wash illicit discharge
SWO.5555.03.002	6/7/2016	4	Sample	0.27	0.18	0	33	Under investigation, known stream
SWO.5555.01.035	6/7/2016	1.25	Sample	0.24	0.06	0.12	N/A	Under investigation, known stream
SWO.5556.03.019	6/7/2016	0.11	Sample	0.18	0.1	0	N/A	Under investigation
SWO.5556.03.042	6/7/2016	0.06	Sample	0.75	0.35	0.12	N/A	Under investigation
SWO.5556.03.002	6/7/2016	0.12	Sample	0.29	0.26	0	N/A	Under investigation
SWO.5456.04.038	6/14/2016	N/D	Sample, Flow tracing	0.12	0.79	0	2	Identified potable water main break
SWO.5560.02.011	6/15/2016	0.3	Sample, Flow tracing	0.39	0.13	0	11	Groundwater

There were 44 reported illicit discharges in PY 3. All illicit discharges were investigated and water quality testing was conducted when appropriate. Illicit discharges were also traced through the use of dye testing and camera operations. Provided below is a summary of illicit discharge investigations that were conducted during PY3 including a description of the suspected discharge, investigation and resolution.

Date Reported	Address	Problem	Resolution	Follow-up	Date Closed
7/2/2015	8 Clifton St	Motor oil/transmission fluid	COL and RP cleaned area with oil absorbents.	Compliance letter and technical assistance to responsible party.	7/21/2015
7/10/2015	1800 Concord Turnpike	Industrial facility washdown	May be allowed by facility VPDES permit.	Referred to VA DEQ.	7/10/2015
7/20/2015	2136 Fort Ave	Antifreeze	RP performed clean up.	NOV and technical assistance to mechanic.	7/20/2015
7/23/2015	207 Connecticut	Vegetation dumped in inlet	COL removed and RP disposed of	Educational efforts.	7/28/2015

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

	St		vegetation.		
7/28/2015	7th St and Park Ave	Grass clippings blown onto roadway	RP performed clean up.	Compliance letter to business owner.	7/29/2015
8/20/2015	515 Monticello Ave	Oil sheen	Determined to be groundwater or decaying vegetation sheen.	Not founded.	8/20/2015
8/27/2015	1709 Memorial Ave	Pressure washing for paint removal	RP performed clean up and proper disposal.	Verbal instructions and technical assistance.	8/27/2015
9/1/2015	1800 Concord Turnpike	Industrial chemical spill	COL Hazmat response and cleanup by hazardous material contractor	Referred to VA DEQ.	9/1/2015
9/1/2015	1909 Indian Hill Rd	Sewage	Sampling and source tracing identified leaking sanitary sewer line.	COL crews repaired sanitary sewer line and stormwater box.	9/16/2015
9/8/2015	18xx Campbell Ave	Antifreeze	COL WR and towing company cleaned area with absorbents.	No discharge to storm system.	9/8/2015
9/10/2015	3436 Landon St	Concrete washout	Concrete company performed cleanup.	Compliance letter to business owner.	9/17/2015
9/15/2015	4030 Wards Rd	Sewage and grease	Plumber performed repair of sanitary sewer lateral.	Referred to VA DEQ.	9/17/2015
9/16/2015	904 Main St	Restaurant grease and hood solvents	COL WR and PW performed cleanup.	Compliance letter to business owner.	9/17/2015
9/18/2015	3280 Old Forest Rd	Pressure washing wastewater	No cleanup possible, washwater had evaporated.	Compliance letter to business owner.	9/21/2015
9/23/2015	409 Cornerstone St	Construction mortar	Contractor performed cleanup and street sweeping.	Compliance letter to business owner.	9/25/2015
9/29/2015	2920 Rivermont Ave	Restaurant grease and hood solvents	RP performed clean up.	NOV issued to hood cleaning company.	9/29/2015
10/1/2015	6008 Pawnee Dr	Swimming pool discharge	RP and plumber connected discharge to sanitary sewer.	Compliance letter to property owner.	4/18/2016

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

10/7/2015	3700 Candlers Mountain Rd	Pressure washing of building exterior	Contractor performed cleanup and proper disposal.	NOV issued to pressure washing company.	10/12/2015
10/15/2015	6 9th St	Diesel fuel	Hazardous material contractor performed soil cleanup.	No discharge to MS4. Referred to VA DEQ.	10/19/2015
10/20/2015	1xx Hastings Ct	Hydraulic oil	COL WR and RP cleaned area with oil absorbents.	Verbal instructions, technical assistance and subsequent inspection.	10/21/2015
10/22/2015	7819 Timberlake Rd	Pressure washing restaurant drive through	RP ceased pressure washing and performed cleanup.	Verbal instructions.	10/22/2015
10/30/2015	Lynchburg Expressway	Oily vehicle fluid	COL PW performed cleanup.	Responsible party not identified.	10/30/2015
11/4/2015	Wards Ferry Rd	Vehicle fluids	COL Fire, WR and tow truck company performed cleanup.	Verbal instructions and technical assistance.	11/4/2015
11/13/2015	1522 Cliff St	Home heating oil	Soil contamination present. No discharge to MS4.	Referred to VA DEQ.	11/13/2015
11/17/2015	3927 Wards Rd	Pressure washing at fueling station.	RP ceased pressure washing and performed cleanup.	Compliance letter to business owner.	1/4/2016
12/2/2015	1145 & 1148 Stratford	Garbage and construction debris	COL WR vactors and cleans out inlets.	Discussions with parents of children suspected of dumping.	12/2/2015
1/14/2016	101 Old Courthouse Tpke	Sewage	Property owner performed repair and cleanup.	NOV issued to property owner.	1/15/2016
2/16/2016	Lynchburg Expressway	Diesel fuel	COL Fire and hazardous materials contractor performed cleanup.	VA DEQ notified.	2/18/2016
2/29/2016	1003 Sheffield Dr	Vehicle washwater - illicit connection	Plumber installed trench drain and made connections to sanitary sewer.	NOV issued to property owner. Technical assistance provided.	7/11/2016
3/3/2016	John	Sand	Responsible party	Verbal instructions	3/3/2016

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

	Capron Road		performed cleanup.	and technical assistance.	
3/7/2016	1905 Hollins Mill Rd	Washwater and emulsified oil	Plumbing disconnected and washing ceased.	Dye test and technical assistance to aid resolution.	3/17/2016
3/16/2016	2404 Fort Ave	Pressure washing at fueling station.	Company deployed proper collection and disposal methods.	NOV to pressure washing company.	3/16/2016
4/2/2016	3901 Old Forest Rd	Diesel fuel	COL Fire and hazardous materials contractor performed cleanup.	Property owner notified, underground detention facility inspected.	4/2/2016
4/14/2016	Link Rd near Rivermont	Concrete washout	Construction company performed cleanup.	NOV to construction company.	4/22/2016
4/18/2016	7805 Timberlake Rd	Grease	Vactoring contractor performed cleanup.	Compliance letter to business owner.	4/29/2016
5/2/2016	2105 12th St	Vehicle washwater and motor oil	Responsible party performed cleanup.	NOV issued to business owner. Provided technical assistance.	5/2/2016
5/18/2016	2100 12th St	Vehicle washwater	No discharge at time of inspection.	Dye test and technical assistance provided.	5/26/2016
5/20/2016	1202 Ashbourne Rd	Swimming pool discharge	Determined to be civil matter, no discharge to MS4.	Letter and technical assistance to property owner.	5/26/2016
6/2/2016	1704 12th St	Concrete	Determined to be pouring of inverts for storm drain inlet.	Not founded.	6/2/2016
6/8/2016	2924 Rivermont Ave	Sewage	Plumber performed repair of sanitary sewer lateral.	No discharge to MS4. Dye tests and technical assistance provided.	6/19/2016
6/14/2016	106 Dean St	Motor oil	Tenant performed cleanup of contaminated soil and vegetation.	Compliance letter to tenant and property owner.	7/1/2016
6/17/2016	720 Mohawk Dr	Vegetation	COL WR performed	Discussion with property owner,	6/17/2016

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

			cleanup.	may not be founded.	
6/29/2016	120 Simons Run	Pressure washing of dumpster pad	Responsible party performed cleanup.	Compliance letter to business owner.	6/30/2016
6/30/2016	824 Wiggington Road	Construction mortar	Contractor removed mortar stained rocks and replaced with clean rock.	NOV issued to contractor.	7/14/2016

Assessment: Continued education and training will be provided to City staff and the public in order to facilitate the reporting of illicit discharges. Water quality monitoring equipment as well as other means will also continue to be used in order to determine the source of illicit discharges.

3.C Develop written procedures to detect, identify and address unauthorized non-stormwater discharges to the MS4.

In PY 3, the DWR continued implementation of the IDDE Standard Operating Procedures that outlines the procedures for conducting outfall inspections and responding to illicit discharge complaints. This document includes a description of the purpose and duties of the program and its administrators, safety and equipment needed, inspection procedures and water quality testing protocols. Enforcement will be handled in accordance with the City Code section discussed in sub-section 3.B.

Assessment: The procedures are considered to be an effective tool in managing the IDDE program. The procedures or testing protocols may be updated on an as needed basis as the program matures.

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

3.D Promote, publicize and facilitate public reporting of illicit discharges into or from the MS4.

Lynchburg continues to use two phone numbers to encourage citizens to give input to all aspects of the stormwater management program or report suspect activity. The Water Resources Department has been using 434-485-RAIN for many years as the contact number for Combined Sewer Overflow related issues. Since the stormwater management program resides in the Department of Water Resources, callers are encouraged to use the 485-RAIN number. These calls are answered by the Department receptionist and transferred to the appropriate staff. The receptionist will frequently know the answers to the questions and thus eliminate the need to transfer the call or the question to another staff member.

Another means is the Citizen's First hotline number (434-856-CITY) that is used in general publications and communications by the Departments of Community Development, Communication & Marketing, and Public Works. This is a number that is used for any type of communication with the city. Calls go to the Communications & Marketing Department staff that then uses internal e-mail to distribute the request to the proper city department.

During PY 3, we continued the broadcasting of the short Public Service Announcement that highlights the effects of illicit discharges and how citizens can report them. This PSA has been broadcast on the City's LTV station. The PSA can also be viewed on You Tube video and a link is available to be viewed from the department's webpage. A link to the video is provided, <https://www.youtube.com/watch?v=OrnQ8SB3zQ#t=15>.

Assessment: There has been a significant increase in the number of reports of suspected illicit discharges. This measure is effective and the City will continue to publicize the 485-RAIN number.

4 Construction site stormwater runoff control.

4.A Continue to implement and enforce the Erosion and Sediment Control program and ordinance

The City of Lynchburg has continued to implement an Erosion and Sediment Control program in addition to becoming the VSMP Program Authority July 1, 2014. These programs are coordinated by the Department of Community Development. The City implemented the use of a VSMP Administrative Guidance Manual that outlines the administrative requirements to implement and enforce the erosion and sediment control regulations and includes guidance for reviewing stormwater pollution prevention plans (SWPPPs), obtaining and releasing of bonds, completing site inspections, reporting and recordkeeping, enforcement, and long-term maintenance and inspection programs. This document is located on the City's website at <http://www.lyncburgva.gov/zoning-natural-resources>.

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

During PY 3, 124 land disturbance permits were issued by the department disturbing a total of 137.18 acres. A total of 3,316 erosion control inspections were performed and 1,376 48-hour inspections for a total of 4,692 inspections. This effort resulted in the issuance of 26 Notice to Comply and 13 Stop Work Orders (SWO). A summary of enforcement for SWO is listed below.

# SWO Issued	Issue
3	Failure to maintain measures on site.
4	Clearing/grading site without approved plan.
2	E&S measures not installed on site.
4	Failed inspection after NTC issued.

Assessment: This effort will be continued.

5 Post-Construction stormwater management in new development and development on prior developed lands.

5.1 Continue to implement and enforce the Stormwater Management program and ordinance

The City has implemented a Stormwater Management Program since the ordinance was adopted in 2008. The program had consisted of the implementation and enforcement of the stormwater quantity and quality requirements of the regulations, including requiring stormwater maintenance agreements. As of July 1, 2014, the City of Lynchburg became a VSMP Program Authority along with having amended and adopted City Code Section 16.2 Stormwater Management to meet the new water quantity and quality criteria, including the establishment of responsibility of any property owner that has stormwater management facilities to perform the necessary maintenance of those facilities although they may not have a stormwater maintenance agreement. The City implemented the use of a VSMP Administrative Guidance Manual that outlines the administrative requirements to implement and enforce the erosion and sediment control regulations and includes guidance for reviewing stormwater pollution prevention plans (SWPPPs), obtaining and releasing of bonds, completing site inspections, reporting and recordkeeping, enforcement, and long-term maintenance and inspection programs. This document is located on the City's website at <http://www.lyncburgva.gov/zoning-natural-resources>.

The primary tool the City uses to enforce stormwater management on public and private development is through the City's Technical Review Committee (TRC). TRC meets twice each month to review new or redevelopment projects. All development projects except single-family homes on existing lots with existing infrastructure must be approved by TRC prior to permit issuance. Permits for single-family homes will be reviewed administratively for approval.

Assessment: This activity will be continued.

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

5.2 Develop a plan for the inspection, operation and maintenance verification of stormwater management facilities.

The City continues to implement operations and maintenance plan and integrate the asset information for each BMP into a work management system that will allow for the data management of asset information, inspections scheduling and documentation, work order histories and enforcement procedures as required by the permit.

During PY3, the City continued to map and update information regarding both private and public stormwater BMPs in the Geographic Information System (GIS). BMPs will continue to be mapped as they are brought on-line. Each BMP is able to be tracked with a unique facility identification number and has been integrated into the work management system for enhanced tracking for inspection and O&M requirements. During PY4 the City will continue the implementation of this program. The City will also be hiring a new full-time position that will work solely on the BMP program implementation.

Assessment: The procedures will prove to be an effective tool in managing the post construction inspection program. The procedures for inspecting stormwater maintenance facilities may be updated on an as needed basis as the program matures.

6 Pollution prevention/good housekeeping for municipal operations.

6.1 Development of operations and maintenance Standard Operating Procedures

The City has operated by a set of standard operating procedures that seek to minimize or prevent pollution discharge from certain municipal operations titled “SOPs for Pollution Prevention Water Quality and Good Housekeeping”. The procedures cover fertilizer/pesticide/herbicide handling and lawn care operations, BMP maintenance criteria, road maintenance, vehicle maintenance and storage, petroleum/chemical handling, spill response and clean up and general housekeeping items. Applicable employees have received and will continue to receive training on these procedures.

In addition, the City will use the *Rain Check – Stormwater Pollution prevention for MS4* (a product of Excal Visual LLP) as an additional resource to further enforce the need to follow the SOPs and each employees role in pollution prevention.

Assessment: The SOPs will be reviewed annually with for effectiveness and updated on an as needed basis.

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

6.2 Municipal facility pollution prevention and good housekeeping.

During PY3, City staff started developing SWPPPs for 3 of the identified facilities in the table below. Two sites are ceasing operations that would have required a SWPPP and will be closed in PY 4, as noted in the table below. SWPPPs will not be developed for these two sites.

During PY 2-4, the City will develop and implement SWPPPs on the following facilities:

	Facility	Dept	Plan Implemented
1	Public Works Administration Storage Yard	PW	Drafted
2	Fleet Maintenance Facility	Fleet	Drafted
3	Chambers Street Storage Yard	PW	Closing site in PY 4
4	Graves Mill Storage Yard	PW	Drafted
5	Stadium Storage Yard	PW	Closing Site in PY 4
6	Rutherford Facility/Storage	PW/P&R	-
7	Peaks View Park Storage and Maintenance Facility	PW/P&R	-
8	Refuse Maintenance Facility	PW	Drafted
9	Fire Station #7 Maintenance Facility	Fire	In Development
10	Lynchburg City Schools Maintenance Facility	Schools	Drafted

Assessment: Once developed and implemented the SWPPP documents will be updated annually on an as needed basis. Annually city staff will review changes to operations at any facility to determine if the SWPPP is still required if the activity has ceased or if activities have commenced at a facility that would require the development of a SWPPP. This will be an effective measure to minimize or prevent pollution from municipal facilities.

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

6.3 Identification and Development of Nutrient Management Plans

Through PY 3, City staff and staff from the Center for Watershed Protection developed and implemented nutrient management plan (NMPs) for properties where nutrients are applied to a contiguous area greater than one acre. A total of 23.86 acres are covered by a NMP which is 79% of the acres identified. This exceeds the permit year 3 requirement of 40%. A summary of the locations and required information is listed below.

During PY 4 the City will continue to have the NMPs developed by a certified turf and landscape management planner as required and then document in the table below the acreage and date implemented. Currently the City Stadium site is undergoing reconstruction of the ball field and the Riverfront Park was just reopened after a long-term construction project.

Site No.	Location	Total Ac	Lat/Long	Acres Implemented	Date Implemented
1	Miller Park	1.24	-79.159, 37.403	1.24	7/1/2015
2	City Stadium	3	-79.166, 37.393	-	-
3	River Front Park	2	-79.138, 37.414	-	-
4	Blackwater Creek Athletic Area	3	-79.184, 37.406	1.72	6/30/16
5	Peaks View Park	4.45	-79.228, 37.421	4.45	6/30/15
6	P.L. Dunbar Middle School	2.07	-79.145, 37.408	2.07	6/30/15
7	Linkhorne Middle School	4.32	-79.191, 37.418	4.32	6/30/15
8	Sandusky Middle School	3.84	-79.204, 37.379	3.84	6/30/15
9	Heritage High School	3.05	-79.206, 37.359	3.05	6/30/15
10	E.C. Glass High School	3.17	-79.169, 37.406	3.17	6/30/15
TOTAL		30.14		23.86	

Assessment: The plans will be evaluated on an as needed basis to determine effectiveness. Additional properties that are determined to require a NMP due to the need of nutrient application during this permit cycle will be documented and a NMP subsequently developed.

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

6.4 Training Program

During PY 2, the City implemented a training program meant to provide training to applicable employees. Please see attached spreadsheet at the end of the document for training documentation. The following outlines the training program:

1. Recognition and reporting of Illicit Discharges

All appropriate field employees are to participate in biennial training in the recognition and reporting of illicit discharges. The City will utilize a power point presentation that will provide a description of what are illicit discharges, how to identify them and how to report an illicit discharge.

Schedule and Documentation:

The training will be held in PY 2 and PY 4. These events will continue to be in the spring of the year to coincide with standing training performed by City staff. A roster will be kept of employees who have received this training for a period of three years.

Identified Department/Divisions to receive training:

Public Works - All Divisions

Water Resources – Utility Line Techs

Community Development – Building Inspections, Planning, Zoning and Natural Resources

Parks & Recreation – Parks Services, Recreation Services

Fire Department – Hazmat Team

Schools – Facility and Transportation

2. Pollution Prevention/Good Housekeeping

All appropriate employees are to participate in biennial training on pollution prevention and good housekeeping practices for municipal facilities. Targeted employees will be those that work on road, street and parking lot maintenance; and those in and around maintenance and public works facilities and recreational facilities. The document “SOPs for Pollution Prevention Water Quality and Good Housekeeping” will provide the basis for this training as discussed in sub-section 6.1 above. The City will also utilize the *Rain Check – Stormwater Pollution prevention for MS4* DVD (a product of Excal Visual LLP) that will cover various best management practices and show employees how to perform good housekeeping practices such as spill response, vehicle fueling and maintenance and materials management.

Schedule and Documentation:

The training will be held in PY 2 and PY 4. These events will continue to be in the spring of the year to coincide with standing training classes and performed by City staff. A roster will be kept of employees who have received this training for a period of three years.

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

Identified Department/Divisions to receive training:

Public Works - All Divisions

Water Resources – Utility Line Techs

Parks & Recreation – Parks Services, Recreation Services

Schools – Facility and Transportation

3. Erosion and Sediment Control (ESC) Certification

All employees and contractors performing work required by the ESC program will be required to have or obtain the appropriate ESC certifications administered by DEQ whether in plan review, inspection, program administration, or as a construction site operator. Certifications will be verified on an annual basis. Any City contractor or third-party is required to have or obtain the required certifications as required through the City's procurement of services for such work.

4. Virginia Stormwater Management Program (VSMP) Certification

All employees performing work required by the VSMP program will be required to obtain the appropriate VSMP certifications administered by DEQ whether in plan review, inspection, or program administration. Certifications will be verified on an annual basis. Any City contractor or third-party is required to have or obtain the required certifications as required through the City's procurement of services for such work.

5. Pesticide and Herbicide Certifications

All employees who apply pesticides and herbicides will be required to obtain the appropriate applicators or technician certifications in accordance with the Virginia Pesticide Control Act. Certifications will be verified on an annual basis.

Any City contractor or third-party will be required to have or obtain the appropriate applicators or technician certifications in accordance with the Virginia Pesticide Control Act as required through the City's procurement of services.

6. Emergency Response for Spill Responses

The City employs a Haz-Mat Team of approximately 30 technicians and specialists who have the training and capacity to respond to a variety of emergency spills and incidents regarding hazardous materials. They provide advanced planning and management services for chemical releases and provide the ability to take an offensive approach to unplanned releases of hazardous materials.

The Lynchburg Fire and EMS Department operates in the compliance with governmental regulations and professional standards as required by the Commonwealth of Virginia. Certifications will be verified on an annual basis.

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

Assessment: This activity will be very important so that any employee is knowledgeable in their field of work on how to minimize or prevent pollution. While not specifically included in this plan, City employees are and will be encouraged to attend trainings within their field.

C Results of Information Collected

No information was collected in permit year three.

D Activities Planned for Next Permit Year (PY4)

Specific activities pertaining to the Minimum Control Measures planned for PY 4 have been outlined in the in the preceding sections.

E Changes to BMPs or Measurable Goals

There were no changes made to the BMPs or Measureable goals in during PY3.

F Notice of Reliance on Other Government Entities

The City of Lynchburg does not rely on other government entities for implementation or compliance of this permit.

G Status of Section II C Programs

The City has no programs operating under Section II C.

H Section I - Information for applicable TMDL special condition

In accordance with Section I.C Special Conditions for the Chesapeake Bay TMDL, the City has completed the Chesapeake Bay TMDL Action Plan detailing the means and methods of achieving the required 5% reduction goal by the end of the current permit cycle.

During PY3, the City had substantially completed design of the four proposed new projects in the TMDL Action Plan. Those projects will be bid in PY4 and are on track to be complete as documented in Table 4-10 POC Reduction Annual Benchmarks in the Action Plan. Reductions achieved will be reported in subsequent annual reports as those projects are completed.

ANNUAL REPORT – PERMIT YEAR 3
 VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
 DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 GENERAL PERMIT NO. VAR040008
 CITY OF LYNCHBURG, VIRGINIA

During PY3, the City calculated Total Nitrogen credits for connections made to the sanitary sewer system that were previously served by a septic system. This calculation was performed consistent with the email memo sent by DEQ, dated June 29, 2015. The average number of people per household is 2.3 per 2010 Census data for the City of Lynchburg.

Location	Application Date	Installation Date	Status	# of Persons	Credit	Comment
316 Breezewood Drive	3/4/2015	3/15/2016	Complete	2.3	8.28	within MS4
103 Sunbury Pl	3/21/2016	3/30/2016	Complete	2.3	8.28	within MS4
104 Stonehouse	3/23/2016	4/13/2016	Complete	2.3	8.28	within MS4
TN Removal					24.84	
(lbs/yr)						

Below is an updated table showing the cumulative progress toward meeting the compliance targets.

Item	TMDL Credit (lb/yr)			POC (% of Total Reduction Requirement)		
	TN	TP	TSS	TN	TP	TSS
Documentation of Existing Projects	360.93	68.89	28,404	6.6%	5.3%	4.8%
Septic Credits	24.84	0.00	0.00	0.5%	0.0%	0.0%
TMDL Action Plan Projects	317.88	136.31	83,624	5.8%	10.4%	14.3%
Rock Castle Creek Stream Restoration	180.13	172.09	114,184	3.3%	13.1%	19.5%
TMDL Credit Subtotal	883.78	377.29	226,211	16.1%	28.8%	38.6%
1st Permit Cycle Reduction Requirement	274.33	65.45	29,315	5.0%	5.0%	5.0%
2nd Permit Cycle Contribution	609.46	311.84	196,896	11.1%	23.8%	33.6%

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

Permanent SW Facilities per Section II B 5 e

There were 17 new stormwater BMPs brought on-line in PY3. There were three projects that purchased off-site credits to meet VSMP requirements and are included in the report. Please see attached spreadsheet at the end of the document. This document is available electronically by request to the Department of Water Resources.

Copies of New or Terminated Agreements

There are no new or terminated agreements between the City and any third parties.

Copies of Written Public Comments

There were no comments received on the MS4 Program Plan during PY3.

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

Certification Statement

As required by 9VAC25-870-370 B, all reports required by state permits, and other information requested by the board shall, be signed by a responsible official or by a duly authorized representative of that person. A responsible official is:

1. For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for state permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

2. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

3. For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described above;

2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. A duly authorized representative may thus be either a named individual or any individual occupying a named position; and

3. The written authorization is submitted to the department.

CERTIFICATION

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 those 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.


Responsible Official Signature


Date

____VAR040008____ City of Lynchburg____
Permit Number MS4 Name

ANNUAL REPORT – PERMIT YEAR 3
VSMP GENERAL PERMIT REGISTRATION STATEMENT FOR STORMWATER
DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
GENERAL PERMIT NO. VAR040008
CITY OF LYNCHBURG, VIRGINIA

Please direct questions or comments on this report to:

Erin B Hawkins, CFM
Water Quality Manager
City of Lynchburg
Department of Water Resources
525 Taylor Street
Lynchburg, VA 24501
Phone: 434-455-3869
E-mail: erin.hawkins@lynchburgva.gov

Responsible Director:

Timothy A. Mitchell, PE
Director of Water Resources
City of Lynchburg
525 Taylor Street
Lynchburg, VA 24501
Phone 434-455-4252
E-mail: timothy.mitchell@lynchburgva.gov

Sincerely,

A handwritten signature in blue ink that reads "Erin B. Hawkins". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Erin B Hawkins, CFM
Water Quality Manager

PY 3 - Stormwater Management Facilities

Project	Facility Type	Description	Total Area (ac)	Impervious Area (ac)	Pervious Area (ac)	Brought Online (MM/YY)	HUC	Impaired Waters	Ownership	MA (Y/N)	Last Inspection	Bond Released (Y/N)
Aldi	Vortsentry HS	2617 Lakeside Drive	1.85	1.57	0.28	5/16	JM 10	Tomahawk Creek	Private	Y	5/16/2016	Y
Bella Rose	Detention	1220 Graves Mill Road	3.45	0.61	2.84	6/16	JM 10	Tomahawk Creek	Private	Y	6/16/2016	N
Bella Rose	Permeable Pavers	1220 Graves Mill Road	0.02	0.02	0	6/16	JM 10	Tomahawk Creek	Private	Y	6/16/2016	N
Bella Rose	Off site	1220 Graves Mill Road	NA	NA	NA	NA	JM 10	Tomahawk Creek	Private	NA	NA	N
Fairview Community Center	Bioretention	3621 Campbell Avenue	0.536	0.257	0.279	4/16	JM 11	Fishing Creek	Public	NA	4/16/2016	N
Jet Express Carwash	Underground Detention	3805 Wards Road	0.14	0.06	0.08	12/15	JM 10	Rock Castle Creek	Private	Y	12/15/2016	N
Jet Express Carwash	Filterra	3805 Wards Road	0.33	0.13	0.2	12/15	JM 10	Rock Castle Creek	Private	Y	12/15/2016	N
Wards Crossing West	Underground Detention	717 Wards Ferry Road	0.87	0.87	0	8/15	JM 10	Rock Castle Creek	Private	Y	8/5/2015	N
Wards Crossing West	Vortech 5000	717 Wards Ferry Road	0.87	0.87	0	8/15	JM 10	Rock Castle Creek	Private	Y	8/5/2015	N
Central Lynchburg Internal Medicine	Extended Detention	125 Nationwide Drive	4.8	2.87	1.93	6/15	JM 10	Tomahawk Creek	Private	Y	6/2/2015	N
Moore's Country Store	Off site	1001 Creekside Lane	NA	NA	NA	NA	JM 10	Tomahawk Creek	Private	NA	NA	N
Sunbelt	CDS	2711 Mayflower Drive	0.89	0.89	0	11/15	JM 11	Fishing Creek	Private	Y	8/17/2015	N
Sunbelt	Underground storage	2711 Mayflower Drive	0.89	0.89	0	11/15	JM 11	Fishing Creek	Private	Y	8/17/2015	N
Rivermont Evangelical	Filterra	2424 Rivermont Avenue	0.57	0.53	0.04	6/16	JM 07	James River	Private	Y	6/13/2016	N
Rivermont Evangelical	Detention	2424 Rivermont Avenue	1.38	1.09	0.29	6/16	JM 07	James River	Private	Y	6/13/2016	N
BMW	Off site	2643 Lakeside Drive	NA	NA	NA	NA	JM 10	Blackwater Creek	Private	NA	NA	N
Riverside Park Train Canopy	Bioretention	2238 Rivermont Avenue	0.69	0.32	0.37	8/15	JM 07	James River	Public	NA	8/18/2015	Under Warranty
Miller Center	Permeable Pavers	301 Grove Street	0.83	0.46	0.37	10/15	JM 11	Fishing Creek	Public	NA	10/14/2015	Under Warranty
Miller Park Parking Lot	Permeable Pavers	2100 Park Avenue	0.4	0.12	0.28	10/15	JM 11	Fishing Creek	Public	NA	10/14/2015	Under Warranty