



Town of Christiansburg, Virginia

Municipal Separate Storm Sewer System Annual Report

For

General Permit No. VAR040025

Permit Year

July 1, 2018 through June 30, 2019

This annual report is submitted in accordance with 9VAC25-890-40 as part of the requirement for permit coverage to discharge stormwater to surface waters of the Commonwealth of Virginia consistent with the VAR04 General Permit effective date November 1, 2018.

Submitted: September 30, 2019

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ACRONYMS

BMP	Best Management Practices
DEQ	Virginia Department of Environmental Quality
ESC	Erosion and Sediment Control
IDDE	Illicit Discharge Detection and Elimination
MCM	Minimum Control Measure
MS4	Municipal Separate Storm Sewer System
POC	Pollutants of Concern
SWPPP	Stormwater Pollution Prevention Plan
TMDL	Total Maximum Daily Load
TOC	Town of Christiansburg
VESCP	Virginia Erosion and Sediment Control Program
VSMP	Virginia Stormwater Management Program
VPDES	Virginia Pollution Discharge Elimination System
WLA	Wasteload Allocation

1.0 GENERAL ANNUAL REPORTING REQUIREMENTS

1.1. General Information (Part I.D.2.a)

Permitee Name: Town of Christiansburg

Permit Number: VAR040025

1.2. Reporting Period (Part I.D.2.b)

The reporting period for which the annual report is being submitted:

July 1, 2018 through June 30, 2019

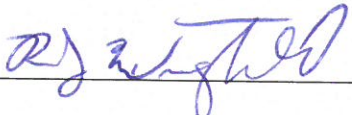
1.3. Signed Certification (Part I.D.2.c)

A signed certification as per Part III K:

"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 ensure 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."

Printed Name: Randy Wingfield

Title: Town Manager

Signature:  Date: 10/01/19

1.4. Reporting for MCMs #1 - #6 (Part I.D.2.d)

Include information for each annual reporting item specified in Part I.E:

Reporting information for each Minimum Control Measure is provided in Section 2.0.

1.5. Evaluation of the MS4 Program Implementation (Part I.D.2.e)

An evaluation of the MS4 program implementation, including a review of each MCM to determine the MS4 program's effectiveness and whether changes to the MS4 Program Plan are necessary:

An evaluation for each Minimum Control Measure is provided in Section 2.0. Changes that are necessary to be made to the MS4 Program Plan are summarized in Table 1.

Table 1: Summary of MS4 Program Plan Changes
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No changes to Program Plan document are necessary.
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2.0 MINIMUM CONTROL MEASURES

2.1. MCM #1: Public Education and Outreach

2.1.1. High Priority Stormwater Issues (Part I.E.1.g(1))

A list of high-priority stormwater issues addressed in the public education and outreach program:

A list of high-priority stormwater issues addressed in public education and outreach program is provided in Table 2.

2.1.2. High Priority Stormwater Issue Communication Strategies (Part I.E. 1.g(2))

A list of strategies used to communicate each high-priority stormwater issue:

A list of strategies used to communicate each high-priority stormwater issue is provided in Table 2. Appendix A includes documentation of the communication efforts described in Table 2.

Table 2: High Priority Stormwater Issues				
#	Stormwater Issue	Strategy	Communication	Completion Status
1	Education on special water quality concerns (PCBs)	Media & Traditional Written Materials	Articles in the Christiansburg Connection newsletter and posted on the Town's website and/or Facebook page.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	Education on special water quality concerns (E. coli)	Media & Traditional Written Material	Articles in the Christiansburg Connection newsletter and posted on the Town's website and/or Facebook page.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Education on Stream Health (Stream restorations, lawn care/sediment)	Media & Traditional Written Material	Articles in the Christiansburg Connection newsletter and posted on the Town's website and/or Facebook page.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2.1.3. MCM #1 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 Program's effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #1 communications accomplished to the intended public audience indicated in the MS4 Program Plan? Yes (Effective) No (Ineffective)

If any communications were determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.2. MCM #2: Public Involvement and Participation

2.2.1. Public Input Summary (Part I.E.2.f(1))

A summary of any public input on the MS4 program received (including stormwater complaints) and responses:

If any MS4 Program inputs or stormwater complaints were received from the public, were responses provided?

Yes (Refer to Table 3) No Not Applicable

Table 3: Public Input or Complaints and Responses
Input/Complaint Illicit Discharges/Spills: 7 Reported Complaints Response: Site visits by Town employee or Fire Department per Town's IDDE Manual
Input/Complaint Land Disturbing Activities: 72 Reported Complaints Response: Response by Environmental Inspector within 24 hours of complaint

2.2.2. MS4 Program Webpage (Part I.E.2.f(2))

A webpage address to the MS4 program and stormwater website:

The webpage address is <https://www.christiansburg.org/250/Stormwater-Information-and-Education>

2.2.3. Public Involvement Activities Implemented (Part I.E.2.f(3))

A description of the public involvement activities implemented:

A description of the implemented public involvement activities is provided in Table 4.

2.2.4. Public Involvement Activity Metric and Evaluation (Part I.E.2.f(4))

A report of the metric as defined for each activity and an evaluation as to whether or not the activity is beneficial to improving water quality:

A report of the metric as defined for each activity and an evaluation as to whether or not the activity is beneficial to improving water quality is provided in Table 4. Appendix B includes documentation of the public involvement activities.

Table 4: Public Involvement Activities Implemented			
Activity Description	Metric	Collaboration	Beneficial
Stream Clean-Up	8	No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stream Clean-Up	8	Virginia Tech	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stormwater Education Days for School	300	Virginia Tech, Montgomery County, Town of Blacksburg	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stormwater Education Days for School	65	Virginia Tech, Montgomery County, Town of Blacksburg	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2.2.5. MS4 Collaboration (Part I.E.2.f(5))

The name of other MS4 permittees collaborated with in the public involvement opportunities:

If applicable, the name of other MS4 permittees collaborated with for any of the public involvement opportunities are provided in Table 4.

2.2.6. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 5.

Table 5: MS4 Program Plan BMP Measurable Goals for MCM #2		
BMP	Measurable Goal	Completeness Status
2.1	Was documentation of the public input or complaints on the MS4 program and MS4 Program Plan maintained?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
2.1	Is the effective MS4 permit and coverage letter on the webpage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.1	Is the most current MS4 Program Plan on the webpage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.1	Is the annual report for each year of the term covered by this permit no later than 30 days after submittal to the department on the webpage?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable (First permit year.)

2.1	Is there a mechanism for the public to report potential illicit discharges, improper disposal or spills to the MS4, complaints regarding land disturbing activities or other potential stormwater pollution concerns on the webpage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.1	Is there a method for how the public can provide input of the MS4 Program Plan on the webpage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2.2.7. MCM #2 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 Program’s effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #2 responses Yes or Not Applicable?

Yes (Effective) No (Ineffective)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.3. MCM #3: Illicit Discharge Detection and Elimination

2.3.1. MS4 Map and Information Table (Part I.E.3.e(1))

A confirmation statement that the MS4 map and information table have been updated to reflect any changes to the MS4 occurring on or before June 30 of the reporting year:

Were the MS4 storm sewer map and outfall information table updated to reflect any changes to the MS4 occurring on or before June 30 of the reporting year? Yes No

2.3.2. Dry Weather Screening (Part I.E.3.e(2))

The total number of outfalls screened during the reporting period as part of the dry weather screening program:

Were at least 50 outfalls screened during the reporting period? Yes No

The number of outfalls screened during the reporting yard as part of the dry weather screening program is 57. This represents 42% of the total outfalls.

2.3.3. Illicit Discharges (Part I.E.3.e(3))

A list of illicit discharges to the MS4 including spills reaching the MS4:

Were there any illicit discharges to the MS4 including spills reaching the MS4?
 Yes (Refer to Table 6) Not Applicable (No illicit discharges)

Table 6: Illicit Discharges

Illicit Discharge See Appendix C

Part I.E.3.e(3)(a) Source: See Appendix C

Part I.E.3.e(3)(b) Date Observed & Date Reported: See Appendix C

Part I.E.3.e(3)(c) Detected during Screening, Reported by Public or Other (Describe): See Appendix C

Part I.E.3.e(3)(d) Investigation Resolution: See Appendix C

Part I.E.3.e(3)(e) Description of Follow-up Activities: See Appendix C

Part I.E.3.e(3)(f) Date Investigation Closed: See Appendix C

2.3.4. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 7.

Table 7: MS4 Program Plan BMP Measurable Goals for MCM #3		
BMP	Measurable Goal	Completeness Status
3.1	Was a GIS compatible shapefile submitted to DEQ?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.1	Was written notification provided to any downstream adjacent MS4 of any known interconnection established or discovered during the permit reporting year?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No new or discovered) <input type="checkbox"/> No
3.2	Were all reported or observed non-stormwater discharges eliminated?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.2	Were inspections, surveillance, monitoring and enforcement procedures in response to reports implemented?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.3	Were illicit discharge detection and elimination procedures implemented, enforced and documentation maintained?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2.3.5. MCM #3 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 Program’s effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #3 responses Yes or Not Applicable?

Yes (Effective) No (Investigations and corrective actions ongoing and/or completed outside reporting year)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.4. MCM #4: Construction Site Stormwater Runoff Control

2.4.1. Implementation of VESCP and Town Ordinance (Part I.E.4.a(1))

The MS4 has adopted a Virginia Erosion and Sediment Control Program (VESCP). The MS4 implements the VESCP consistent with the Virginia Erosion and Sediment Control Law and Virginia Erosion and Sediment Control Regulations.

2.4.1.1. Conforming Land Disturbance Projects (Part I.E.4.d(1)(a))

A confirmation statement that land disturbing projects that occurred during the reporting period have been conducted in accordance with the VESCP consistent with the Virginia Erosion and Sediment Control Law and Virginia Erosion and Sediment Control Regulations:

Were all land disturbing projects that occurred during the reporting period conducted in accordance with the VESCP consistent with the Virginia Erosion and Sediment Control Law and Virginia Erosion and Sediment Control Regulations?

Yes No (Refer to Table 8) Not Applicable

2.4.1.2. Non-Conforming Land Disturbance Projects (Part I.E.4.d(1)(b))

If one or more of the land disturbing projects were not conducted with the VESCP consistent with the Virginia Erosion and Sediment Control Law and Virginia Erosion and Sediment Control Regulations, an explanation as to why the projects did not conform:

If “No” is checked above, an explanation as to why a project did not conform to the VESCP and Town Ordinance is provided in Table 8.

Table 8: Project(s) Not in Conformance with VESCP and Town Ordinance

Project Name: NA

Explanation: NA

2.4.2. Site Stormwater Runoff Inspections (Part I.E.4.d(2))

Total number of inspections conducted:

The total number of site stormwater runoff inspections conducted for regulated land disturbance activities is 2,006.

2.4.3. Enforcement Actions (Part I.E.4.d(3))

The total number and type of enforcement actions implemented:

The total number of enforcement actions implemented is 20.

The total number of Notices to Comply issued is 16.

The total number of Stop Work Orders issued is 4.

2.4.4. MCM #4 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS Program's effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Was the response to whether all land disturbing projects that occurred during the reporting period conducted in accordance with the VESCP consistent with the Virginia Erosion and Sediment Control Law and Virginia Erosion and Sediment Control Regulations Yes?

Yes (Effective) No (Ineffective)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.5. MCM #5: Post-Construction Stormwater Management

2.5.1. Implementation of VSMP and Town Ordinance (Part I.E.5.i (1))

The MS4 has approved Virginia Stormwater Management Program (VSMP) and implements the VSMP consistent with the Virginia Stormwater Management Act and VSMP Regulations as well as has developed an inspection and maintenance program in accordance with Parts I.E.5.b and c.

2.5.1.1. Privately-Owned VSMP Inspections (Part I.E.5.i (1)(a))

The number of privately-owned stormwater management facility inspections conducted:

The number of privately-owned stormwater management facility inspections conducted is 3.

2.5.1.2. Privately-Owned VSMP Enforcement Actions (Part I.E.5.i (1)(b))

The number of enforcement actions initiated by the permittee to ensure long-term maintenance of privately-owned stormwater management facilities including the type of enforcement action:

The number of enforcement actions initiated by the MS4 to ensure long-term maintenance of privately-owned stormwater management facilities is 0.

The type of enforcement actions issued are Not Applicable.

2.5.2. Stormwater Management Facility Inspections (Part I.E.5.i(2))

Total number of inspections conducted on stormwater management facilities owned or operated by the permittee:

Were inspections conducted on stormwater management facilities during the reporting year? Yes No

The total number of inspections conducted on stormwater management facilities is 25. In addition there were two BMPs that have no inspection records. One not inspected due to safety concerns and another the Town is currently evaluating inspection components.

2.5.3. Stormwater Management Facility Maintenance (Part I.E.5.i(3))

A description of significant maintenance, repair, or retrofit activities performed on the stormwater management facilities owned or operated by the permittee to ensure it continues to perform as designed. This does not include routine activities such as grass mowing or trash collection:

Were significant maintenance, repair, or retrofit activities performed on any stormwater management facilities during the reporting year?

Yes No (Being assessed) Not Applicable (No maintenance required)

A description of significant maintenance, repair, or retrofit activities performed on the stormwater management facilities owned or operated by the MS4 to ensure it continues to perform as designed is provided in Table 9.

Table 9: Maintenance Activities Performed on Stormwater Management Facilities	
Stormwater Management Facility	Significant Maintenance Activity
NA	NA

2.5.4. Virginia Construction Stormwater General Permit Database (Part I.E.5.i(4))

A confirmation statement that the permittee submitted stormwater management facility information through the Virginia Construction Stormwater General Permit database for those land disturbing activities for which the permittee was required to obtain coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities in accordance with Part I E 5 f or a statement that the Permittee did not complete any projects requiring coverage under the General VPDES Permit for Discharges of Stormwater form Construction Activities:

Stormwater management facility information for stormwater facilities installed after July 1, 2014 was submitted through the Virginia Construction Stormwater General Permit database for land disturbing activities requiring a General VPDES Permit for Discharges of Stormwater from Construction Activities?

Yes No (Not input into database. Christiansburg to send email of BMPs to DEQ.)

2.5.5. DEQ BMP Warehouse (Part I.E.5.i(5))

A confirmation statement that the permittee electronically reported BMPs using the DEQ BMP Warehouse in accordance with Part I E 5 g and the date on which the information was submitted:

No later than October 1 of each year, stormwater management facilities and BMPs implemented to meet a TMDL load reduction between July 1 and June 30 of each year were electronically reported using the DEQ BMP Warehouse for any practices not reported in accordance with Part I.E.5.f (requirement 2.5.4) including stormwater management facilities from land disturbing activities less than one acre in accordance with the Chesapeake Bay Preservation Act regulations and for which a General VPDES Permit for Discharges of Stormwater from Construction Activities was not required?

Yes, Date Submitted: September, 2019 No Not Applicable (No SWM facilities constructed or BMPs implemented.)

2.5.6. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 10.

Table 10: MS4 Program Plan BMP Measurable Goals for MCM #5		
BMP	Measurable Goal	Completeness Status
5.1	Was the inspection and maintenance program on post-construction stormwater management facilities implemented?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.1	Did all regulated land disturbance activities have a Town approved SWM plan?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.1	Were all stormwater management facilities recorded with inspection and maintenance plans and/or agreements, where applicable?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.2	Was the stormwater management facility tracking database updated?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not Applicable (No new or discovered) <input type="checkbox"/> No

2.5.7. MCM #5 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 program’s effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #5 responses Yes or Not Applicable?

Yes (Effective) No (Ineffective) No (Plan still effective, see 2.5.4)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

2.6. MCM #6: Pollution Prevention and Good Housekeeping

2.6.1. Operational Procedures (Part I.E.6.q(1))

A summary of any operational procedures developed or modified in accordance with Part I E 6 a during the reporting period:

Were any operational procedures developed or modified in accordance with Part I E 6 a during the reporting period?

Yes (Refer to Table 11) No Not Applicable (Not necessary)

Table 11: Good Housekeeping Operational Procedures Developed or Modified

1. SOP 5.9 Outdoor Material Stockpiling:

Short Term BMPs - Covering of stockpiles refers to small, temporary stockpiles.

Long Term BMPs - Requiring appropriate perimeter control.

2.6.2. Newly Developed SWPPPs (Part I.E.6.q(2))

A summary of any new SWPPPs developed in accordance Part I.E.6.c during the reporting period:

Were any new SWPPPs developed in accordance Part I E 6 c during the reporting period?

Yes (Refer to Table 12) No Not Applicable (No new high priority facilities)

Table 12: New SWPPPs Developed

SWPPP Name	SWPPP Address

2.6.3. Modified or Delisted SWPPPs (Part I.E.6.q(3))

A summary of any new SWPPPs modified in accordance with Part I.E.6.f or the rationale of any high priority facilities delisted in accordance with Part I.E.6.h during the reporting period:

Were any new SWPPPs modified after an unauthorized discharge, release or spill reported?

Yes (Refer to Table 13) No Not Applicable (No illicit discharges)

Were any high priority facilities delisted in accordance with Part I.E.6.h during the reporting period?

Yes (Refer to Table 13) No Not Applicable (No delisted high priority facilities)

If “Yes” is checked above, the rationale is provided for any high priority facilities delisted in accordance with Part I.E.6.h during the reporting period in Table 13.

Table 13: SWPPPs Modified or Delisted	
SWPPPs Modified/Delisted	Rationale for Delisting

2.6.4. Newly Developed Nutrient Management Plans (Part I.E.6.q(4))

A summary of new turf and landscape nutrient management plans developed:

Were any new turf and landscape nutrient management plans developed?

- Yes (Refer to Table 14) No Not Applicable (Not required this permit year)

2.6.4.1. Nutrient Management Plan Acreage (Part I.E.6.q(4)(a))

The location and the total acreage of each land area:

If “Yes” is checked above, the location and total acreage of the land area for any newly developed nutrient management plan is provided in Table 14.

2.6.4.2. Nutrient Management Plan Approval Date (Part I.E.6.q(4)(b))

The date of the approved nutrient management plan:

If “Yes” is checked above, the approval date of any newly developed nutrient management plan is provided in Table 14.

Table 14: New Turf and Landscape Nutrient Management Plans		
Location	Total Acreages	Date Approved

2.6.5. Training Events (Part I.E.6.q(5))

A list of the training events conducted in accordance with Part I.E.6.m, including the following information:

Was training conducted?

- Yes (Refer to Table 15) No Not Applicable (Not required this permit year)

If “Yes” is checked above, a list of training events conducted in accordance with Part I.E.6.m is provided in Table 15.

2.6.5.1. Training Dates (Part I.E.6.q(5)(a))

The date of the training event:

If “Yes” is checked above, the date of the training event is provided in Table 15.

2.6.5.2. Quantity Trained (Part I.E.6.q(5)(b))

The number of employees who attended the training event:

If “Yes” is checked above, the number of employees who attended the training event is provided in Table 15.

2.6.5.3. Training Objective (Part I.E.6.q(5)(c))

The objective of the training event:

If “Yes” is checked above, the objective of the training event is provided in Table 15.

Table 15: Training Events		
Date	# of Attendees	Training Objective
3/19/2019	7	Good Housekeeping, IDDE

2.6.6. MS4 Program Plan BMP Measurable Goals

The MS4 Program Plan BMPs measurable goals are provided in Table 16.

Table 16: MS4 Program Plan BMP Measurable Goals for MCM #6		
BMP	Measurable Goal	Completeness Status
6.1	Was good housekeeping and pollution prevention biennial training conducted this reporting year?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not Applicable (Not required this reporting year.) <input type="checkbox"/> No
6.2	Was the annual comprehensive compliance evaluations conducted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.2	Were the SWPPPs reviewed within 30 days after an unauthorized discharge, release or spill reported?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No illicit discharges at high priority facilities.) <input type="checkbox"/> No
6.2	Were the SWPPPs updated within 90 days after an unauthorized discharge?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No illicit discharges at high priority facilities.) <input type="checkbox"/> No

6.2	Were the MS4's properties reviewed this reporting year to determine if the properties meet the criteria of a high priority facility?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.3	Were the nutrient management plans implemented through completion of application records?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No fertilizer applied) <input type="checkbox"/> No
6.5	Did all signed contracts executed for pesticide and herbicide application maintain proof of certifications on file?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not Applicable <input type="checkbox"/> No
6.5	Did training occur and were proof of certifications maintained on file for employees performing pesticide and herbicide applications?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not Applicable <input type="checkbox"/> No
6.6	Were all signed contracts executed with contract good housekeeping and pollution prevention language?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

2.6.7. MCM #6 Evaluation (Part I.D.2.e)

Review the MCM to determine the MS4 Program's effectiveness and whether or not changes to the MS4 Program Plan are necessary:

Were all MCM #6 responses Yes or Not Applicable?

Yes (Effective) No (Program is still effective. Not all executed contracts included good housekeeping and pollution prevention language. Language was added to the Special Terms and Conditions templates on September 21, 2018. Internal procedures are being modified to ensure that new contracts utilize the new language. However, the MS4 permit only requires the use of legal authorities of which Christiansburg's IDDE ordinance is the enforcement mechanism where contract language does not exist.)

If any items are determined to be ineffective, describe changes necessary to the MS4 Program. Include the response in Section 1.5.

3.0 TMDL SPECIAL CONDITIONS

3.1. Crab Creek and Upper Roanoke River E.coli TMDL Action Plan

3.1.1. Bacteria TMDL Implementation (Part II.B.9)

A summary of actions conducted to implement each local TMDL action plan:

A summary of actions conducted to implement each local TMDL action plan is provided in Table 17.

Table 17: Bacteria TMDL Action Plan Summary of Actions		
BMP	Measurable Goals	Completeness Status
1	Is education on special water quality concerns, specifically E.coli, addressed in the Town’s Public Education and Outreach Plan?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	Were methodologies determined to assess the most effective structural and nonstructural best management practices to employ?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Did employees receive IDDE training to enhance efforts to minimize illicit discharges?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4	Did the Town create an IDDE and construction site issue complaint link on the Town website to enhance public IDDE reporting capabilities?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5	Did the Town develop a long-term capital and operating program to offset capital funding and operating costs associated with structural BMP installation and maintenance?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	Are the legal authorities outlined in plan in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Is the FOG Ordinance in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8	Does the stormwater website contain FOG information?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Plan to remove BMP in May 2020 revision.)
9	Was the pet waste disposal public education completed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

10	Does the stormwater website contain IDDE reporting information?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11	Was the Crab Creek Interceptor Study completed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

3.2. Crab Creek and Upper Roanoke River Sediment TMDL Action Plan

3.2.1. Sediment TMDL Implementation (Part II.B.9)

A summary of actions conducted to implement each local TMDL action plan:

A summary of actions conducted to implement each local TMDL action plan is provided in Table 18.

Table 18: Sediment TMDL Action Plan Summary of Actions		
BMP	Measurable Goals	Completeness Status
1	Did the Town implement SWPPPs for the Town Public Works Station (Station B)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	Did the Town implement SWPPPs for the historic Town landfill?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Does the Town Code address Erosion and Sediment Control and Virginia Stormwater Management Program standards and permitting requirements?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4	Were methodologies determined to assess the most effective structural and nonstructural best management practices to employ?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5	Is education on special water quality concerns, specifically sediment, addressed in the Town's Public Education and Outreach Plan?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	Does the Town implement an ESC and VSMP Inspection and Enforcement Program for land disturbing activities?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Does the Town implement a Post-construction Inspection and Maintenance Program for structural BMPs?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	Did the Town develop a long-term capital and operating program to offset capital funding and operating costs associated with structural BMP installation and maintenance?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Does the Town provide Good Housekeeping and Pollution Prevention Training to employees?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8	Did the Town create an IDDE and construction site issue complaint link on the Town website to enhance public IDDE reporting capabilities?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9	Did the Town participate in the development of the Crab Creek and Roanoke River Implementation Plans?	<input checked="" type="checkbox"/> Yes

		<input type="checkbox"/> No
10	Were street sweeping measurable goals implemented?	<input checked="" type="checkbox"/> Yes, ongoing <input type="checkbox"/> No
11	Is the Diamond Hills Phase I Project implemented?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12	Is the Diamond Hills Phase II Project implemented?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Plan to remove BMP in May 2020 revision.)
13	Were neighboring MS4 coordination efforts implemented?	<input checked="" type="checkbox"/> Yes, ongoing <input type="checkbox"/> No
14	Was the railroad coordination efforts for funding a stream restoration project implemented?	<input type="checkbox"/> Yes, ongoing <input checked="" type="checkbox"/> No (Plan to remove BMP in May 2020 revision.)

A summary of quantifiable pollutant of concern reductions is provided in Table 19.

Table 19: 2018-2019 POC Reductions	
BMP #10: Street Sweeping – Crab Creek	
Required tons of material swept	27.57 tons
Estimated tons of material swept	236.5 tons
BMP #10: Street Sweeping – Roanoke River	
Required tons of material swept	22.9 tons
Estimated tons of material swept	0.68 tons

3.3. Roanoke River PCB TMDL Action Plan

3.3.1. PCB TMDL Implementation (Part II.B.9)

A summary of actions conducted to implement each local TMDL action plan:

A summary of actions conducted to implement each local TMDL action plan is provided in Table 20.

Table 20: PCB TMDL Action Plan Summary of Actions		
BMP	Measurable Goal	Completeness Status
1	Was an evaluation on the substitution or addition of education on PCB sources and elimination as a high-priority water quality issue completed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	Was information included about PCB as a Pollutant of Concern in annual mailers that are attached to the annual drinking water quality information?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A (Mailers are no longer distributed. Plan to remove in May 2020 revision)
3	Did the Town participate in the New River TAC to advocate for consistent TMDL requirements across all town watersheds?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4	Did coordination occur with the town Public Works Wastewater Treatment Plant (WWTP) to gather information on potential PCB sources through the WWTP Industrial Waste Surveys?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A (Coordination occurred. Surveys were removed as a viable BMP.)
5	Was IDDE ordinance language researched at other localities for specific PCB prohibition?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	Was existing PCB-free purchasing ordinance language surveyed at other localities and evaluated for the potential to add such language to Town Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Plan to remove BMP in May 2020 revision.)
7	Were methods examined to determine historical land uses to identify potential legacy sources of PCBs?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8	Was the Montgomery Regional Solid Waste Authority (MRSWA) contacted regarding disposal of PCB products and the potential for partnership?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

9	Was the Good Housekeeping SWPPP materials reviewed for potential revisions to more specifically address PCBs as a pollutant of concern?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Appendix A: Documentation of Public Education and Outreach Activities

The Christiansburg Connection

Newsletter for the Town of Christiansburg

January/February 2019

Community Corner

In Memoriam: Roy Redd



Roy Redd, a beloved Town employee and member of our community, passed away on Nov. 28, 2018, after a brave battle with cancer.

Roy became a second-generation Town employee when he joined the Town's Public Works Department in 1972. He retired as an Assistant Superintendent of Public Works in 2009.

Roy was also a skilled firefighter, having served 46 years in various positions at the Christiansburg Volunteer Fire Department. Roy continued to run calls for the fire department even after he was diagnosed with cancer in 2006. Since his diagnosis, he ran 5,586 calls. He also won the Virginia State Fire Truck Rodeo several times.

Roy will always be remembered for his generous spirit. In losing him, Christiansburg lost someone who exemplified everything it means to serve your community to the fullest. He was always first in line to help somebody in need. Roy's memory will live on in an award named after him and given annually to a Christiansburg firefighter for an outstanding act of community service.

Thank you for setting such a good example for the rest of us, Roy. We'll miss you.

Follow us!



In The Know

Happy New Year! We hope all of our residents enjoyed a safe and relaxing holiday season. There are many exciting projects planned for 2019 around town. Learn more about two of our upcoming capital projects below!

The Christiansburg Aquatic Center will be welcoming thousands of visitors to Christiansburg in January and February for several swim and dive meets (information on reverse side). Did you know the Aquatic Center introduced new, more affordable rates on Jan. 1? Monthly admission is \$5 for residents ages 17 and under, and \$10 for residents ages 18 and over. Please visit the Christiansburg Aquatic Center or www.cacpool.com for more information.

We've had a mild winter so far, but that doesn't mean we won't get more snow and ice in the coming months, so please take a moment to review the town's winter weather procedures at www.christiansburg.org/beprepared. Don't forget to subscribe to "News & Announcements" at www.christiansburg.org/notifyme to receive updates on water line breaks, garbage collection suspension and more.

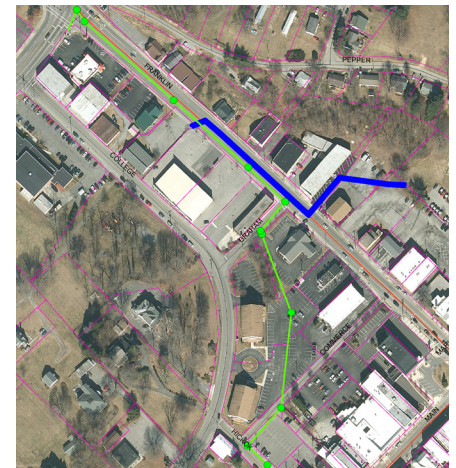
As always, you'll find information about public meetings, town facility closures and holiday garbage collection schedules on the reverse side.

College Street sewer and N. Franklin Street stormwater projects to begin in early 2019

Two capital projects beginning in early 2019 will affect traffic on N. Franklin Street.

The first is the College Street Sewer Rehabilitation project, represented by the green line in the photo at right. This project will substantially increase the sewer line's capacity and will also shift its path. The new line will replace the one currently in use, portions of which are original to the Town's first sewer collection system installed in the 1930s. This project will help address sanitary sewer overflows that occur because the system was not designed to meet current demands. The project will cost about \$1.7 million and will be paid for using the town's water and sewer enterprise fund.

The second project is the N. Franklin Street storm drain improvement project, shown in blue. Construction will redirect stormwater flowing beneath homes and businesses on the east side of N. Franklin Street so that it instead flows through a storm drain beneath N. Franklin Street. This project will alleviate flooding and decrease the chance of property damage. The project will cost about \$600,000 and is being split evenly between the Town and the state of Virginia.



During the construction phase of these projects, there will be day closures and detours on N. Franklin Street. There may also be overnight closures of the Depot Street and N. Franklin Street intersection. Both projects are expected to be complete in late summer. Residents can sign up to receive updates about these projects, including related road closures, by subscribing to the "News & Announcements" category at www.christiansburg.org/notifyme.



Have a question? Let us know!
540-382-6128 ext. 1150
info@christiansburg.org
www.christiansburg.org

Upcoming Meetings & Closures

Upcoming Town Council Meetings

Held at Town Hall, 100 East Main St.

- Tuesday, Jan. 8, 7 p.m.
- Tuesday, Jan. 22, 7 p.m.
- Tuesday, Feb. 12, 7 p.m.
- Tuesday, Feb. 26, 7 p.m.

Never miss a meeting! Sign up for notifications at www.christiansburg.org/notifyme.

Holiday Closures

Lee-Jackson Day, Jan. 18

- Town Hall will be closed.
- The Aquatic Center will be open from 8 a.m. - 5 p.m. and the Recreation Center will be open from 5:30 a.m. - 8 p.m. Both administrative offices will be closed.
- Garbage normally collected on Fridays will be collected on Tuesday, Jan. 22, with Tuesday's regular collection.

Martin Luther King, Jr. Day, Jan. 21

- Town Hall will be closed.
- The Aquatic Center will be open from 8 a.m. - 5 p.m. and the Recreation Center will be open from 5:30 a.m. - 10 p.m. Both administrative offices will be closed.
- Garbage normally collected on Mondays will be collected on Wednesday, Jan. 23, with Wednesday's regular collection.

George Washington Day, Feb. 18

- Town Hall will be closed.
- The Aquatic Center will be open from 8 a.m. - 5 p.m. and the Recreation Center will be open from 5:30 a.m. - 10 p.m. Both administrative offices will be closed.
- Garbage normally collected on Mondays will be collected on Tuesday, Feb. 19, with Tuesday's regular collection.

Jan. & Feb. Aquatic Center Meets

- Jan. 5: Blacksburg High School Bruins Invite
 Jan. 12-13: H2okies Winter Invite
 Jan. 19: VT, Cincinnati, George Washington & JMU
 Feb. 1-3: Virginia Tech Technotational Invite
 Feb. 5: VHSL Regional swim meets
 Feb. 15-17: VHSL SW District High School Championship
 Feb. 19-23: Colonial Athletic Association Swimming & Diving Championship

Recreation Center continues long partnership with Intellectual Disabilities Agency

The Christiansburg Recreation Center is proud to offer a variety of quality programming to its residents, and the classes it offers in partnership with the Intellectual Disabilities Agency of the New River Valley are no exception.

In the spring and fall, IDA clients and members of the public participate in four-week-long cooking lessons and craft classes. At the end of the four weeks, each participant in the cooking class receives a binder with the recipes used in class.

Tammy Caldwell, Supervisor of Senior & Special Population Programs at the Recreation Center, leads both of the classes and has helped the partnership grow for the past 26 years.

The Recreation Center also hosts seasonal dances for IDA throughout the year. Sheila Roop, IDA's Executive Director, said the partnership has created invaluable opportunities for IDA clients.

"The Recreation Center is a phenomenal



IDA clients and volunteers hold up their "friendship wreaths" in December 2018 at the last craft class of the year.

partner, and Tammy does exceptional work to make this program the best it can be for our clients," Roop said.

For members of the public interested in attending events or volunteering with the Intellectual Disabilities Agency, please contact Sheila Roop by emailing sheila@idanrv.org or by calling (540) 381-0310.

Community Snapshot



The first-ever Town-sponsored mural was unveiled at the Christiansburg Police Department on Nov. 16, 2018. From left: Christiansburg Police Chief Mark Sisson, Councilman Sam Bishop, Mayor Mike Barber, artist Dave Mann, events coordinator Casey Jenkins and Councilwoman Merissa Sachs.

Safely dispose of PCBs, chemicals found in building materials

Are you cleaning up in or around your residence? Older transformers and capacitors, fluorescent light ballasts, oils in motors and hydraulic systems, insulation materials, caulking and other building materials manufactured before 1979 may contain PCBs. PCBs (polychlorinated biphenyls) can be released from these materials when they degrade.

When these materials are left out in the open, they are often washed into streams and rivers. Our local rivers already have fish consumption advisories due to PCB pollution. Christiansburg's MS4 permit allows discharge of stormwater to our streams, and a requirement of this permit is identification and reduction of local sources of PCB pollution.

To dispose of these items, please contact the Montgomery Regional Solid Waste Authority at (540) 381-2820 about their free household hazardous waste disposal programs.

Aquatic Center Events

Tackle the Tower

Jan. 6 & 27 and Feb. 10 & 24
 2-4 p.m.

Cost: CAC admission fee

Open Scuba

Jan. 27 and Feb. 24

4-6 p.m.

Cost: \$10

Christmas Tree Removal



Christmas tree collection will run from Jan. 2-15, 2019. Please leave your tree at the curb for collection.



Have a question? Let us know!
 540-382-6128 ext. 1150
info@christiansburg.org
www.christiansburg.org

The Christiansburg Connection

Newsletter for the Town of Christiansburg

March/April 2019

Community Corner

Coffee with the Mayor returns March 9 with focus on Town budget



Residents and Town staff discuss initiatives during the first Coffee with the Mayor in August 2018.

Coffee with the Mayor, a monthly series aimed at generating conversations between Town staff, Town Council and residents, will return on March 9 at Great Road on Main. The event will begin at 9 a.m. and last about an hour. Complimentary coffee will be served.

The Town's budget will be the main topic of discussion and Christiansburg's Treasurer and Finance Director, Valerie Tweedie, will be in attendance to answer questions. Copies of the Town's newly published 2017-2018 Citizen Centric Report and a summary of the Town's 2018-2019 budget will be available.

The Coffee with the Mayor event series began in August 2018 to help empower residents with knowledge about their local government.

"This is one way we're reaching out and engaging our citizens. Our goal is to strengthen relationships between the governing body and residents, bolster public perception and strengthen the heart of Christiansburg," Town Events Coordinator Casey Jenkins said of the event series.

Follow us!



In The Know

Spring is here, and you know what that means...Spring Cleanup is just around the corner! Spring Cleanup will run from April 13-26, and you can read more about this free service for Christiansburg residents on the next page. Our Engineering Department is organizing another type of cleanup in the Diamond Hills Conservation Area on April 13. Join Town staff from 10 a.m. to noon to help pick up garbage along the Diamond Hills Stream.

We've got other events coming up for residents of all ages! Check out the annual NRV Home Expo at the Christiansburg Recreation Center from March 8-10. Admission is \$4. Catch the Easter Bunny at the Great Christiansburg Easter Egg Hunt at Kiwanis Park on April 20 at 10 a.m. Participants must RSVP by calling (540) 382-2349 before 5 p.m. on April 19. Photos with the Easter Bunny will be \$1.

The Aquatic Center is hosting Tackle the Tower—an opportunity for guests to try out the diving boards and 5-meter diving platform—on March 3 and 24, from 2-4 p.m. Scuba enthusiasts are encouraged to attend Open Scuba, which will be held from 4-6 p.m. on March 24. You must bring your own scuba gear.

We'll see you around town!

In the Works: Falling Branch Intersection Improvements Project will address traffic flow on Roanoke Street

The Falling Branch Intersection Improvements Project will consolidate shopping center entrances and add a traffic signal in order to improve safety and traffic flow at this intersection. Construction began in late February and will continue through fall 2019.

The project will replace the two existing entrances to the Gateway Plaza Shopping Center off of Roanoke Street with a new entrance that aligns with Falling Branch Road SE. It will also add a dedicated turn lane on Roanoke Street for vehicles entering the shopping center. Additionally, the project will add a traffic signal, storm drainage, sidewalks, curb and gutter, and street lighting improvements.

The new intersection will help support future private development of two parcels adjacent to the access drive. The new intersection will also support the Emergency Services Building planned for the vacant Town-owned property located between Dude's Drive-In and Danny's Pawn Shop.

The Falling Branch Intersection Improvements Project contract was awarded



to SC Rossi Construction in the amount of \$1,837,967. The project will be partially funded through VDOT's Revenue Sharing 50% matching-fund program, which amounts to a match of \$678,350.

The Gateway Plaza property owner is also contributing \$150,000 toward the project.

The Town has received separate VDOT funding for the future extension of a sidewalk along the north side of Roanoke Street from the new signalized Falling Branch intersection to Hubble Drive. The sidewalk extension project is currently in the early design phase.



Have a question? Let us know!
540-382-6128 ext. 1150
info@christiansburg.org
www.christiansburg.org

Events Calendar

NRV Home Expo

March 8-10, hours vary by day
Christiansburg Recreation Center

Coffee with the Mayor

March 9, 9-10 a.m.
Great Road On Main

Open Scuba

March 24, 4-6 p.m.
Christiansburg Aquatic Center

Virginia Tech's Annual Big Event

April 6
Visit <https://registration.vtbigevent.org>

Diamond Hills Stream Cleanup

April 13, 10 a.m. - noon
Diamond Hills Conservation Area

Great Easter Egg Hunt

April 20, 10-11 a.m.
Kiwanis Park (RSVP with Recreation Center)

GiveBigNRV's Annual Giving Day

April 24
Visit <https://bit.ly/2DFyVw2>

To find out more information on events and programs, visit www.christiansburg.org/events or our Facebook page.

Upcoming Meetings & Closures

Upcoming Town Council Meetings

Held at Town Hall, 100 East Main St.

- Tuesday, March 12, 7 p.m.
- Tuesday, March 26, 7 p.m.
- Tuesday, April 9, 7 p.m.
- Tuesday, April 23, 7 p.m.

Never miss a meeting! Sign up for notifications at www.christiansburg.org/notifyme.

Aquatic Center News*

Fins Summer Camp
Applications available
March 1.

Tackle the Tower
2-4 p.m., March 3 & 24
Cost: CAC admission fee

Adult Learn-to-Swim
Classes begin March 4

Lifeguard Training
March 15-17 and 22-23

Open Scuba
4-6 p.m., March 24
Cost: \$10

Lifeguard Recertification
Class held March 25 &
27, and April 1 & 3.

* Call (540) 381-7665 to register, or for more information.

Don't forget to set items out for Spring Cleanup!

Spring Cleanup will be held from April 13-26. Please place Spring Cleanup items within 10 feet of the street or pavement and separate these items from your regular trash. The Town is not responsible for any items left at or near the street that residents did not intend to have collected.

Though special collection trucks follow regular garbage routes, cleanup may run a day or two behind trash collection schedules, depending on volume. There is no charge for items picked up during Spring Cleanup, but there will be a charge assessed for items placed out after Spring Cleanup.

During Spring Cleanup, the Town will pick up tree and brush trimmings, old furniture, a maximum of two appliances, and up to four tires per household. For a full list of accepted items, please visit www.christiansburg.org/cleanupFAQ.

Please separate brush from other materials. Loose materials must be placed in containers



not exceeding 32 gallons. Leaves must be bagged.

Residents may also choose to set out their brush for monthly brush collection. Please visit www.christiansburg.org/brush to learn about monthly brush collection service, including your collection day.

If it is nearing the end of Spring Cleanup and your items have not been collected yet, please call (540) 382-1151.

Community Snapshot



Town staff made 150 Valentine's Day cards for residents at Commonwealth Senior Living and English Meadows. On February 14, a few employees delivered the cards in person.

Farmers' Market Applications

Vendor applications for the 2019 Christiansburg Farmers' Market season are due April 1. Applications are available at www.christiansburg.org/farmersmarket. Please contact Casey Jenkins with questions at cjenkins@christiansburg.org.

Why I Love Christiansburg

What do you love about living in Christiansburg? Share your story with us by visiting www.christiansburg.org/myhometown, and it might be read aloud at the next Christiansburg Town Council meeting.

Soil conservation strategies for spring

Early spring is a great time to plan yard maintenance. If you see exposed soil, it will erode in the rain and wind. Consider spreading water permeable mulches to help hold water in the soil, prevent rain from eroding the soil, and suppress weed seeds from germinating. Likewise, planting ground covers or seeding bare spots helps the soil retain water and prevents soil erosion.

Soil becomes sediment when moved by wind or water. Christiansburg streams are impaired by sediment, meaning there is enough extra sediment to negatively affect the bottom dwelling animals (benthic macroinvertebrates).

Christiansburg's Municipal Separate Storm Sewer System (MS4) Permit requires that we show a reduction in sediment transported to our streams. Employing strategies to keep your soil in place helps achieve this goal. More soil conservation strategies can be found at: <https://ext.vt.edu/lawn-garden/turfandgardentips/tags/spring.html>.



Have a question? Let us know!
540-382-6128 ext. 1150
info@christiansburg.org
www.christiansburg.org

The Christiansburg Connection

Newsletter for the Town of Christiansburg

May/June 2019

Community Corner

Updates on stream restoration projects in Christiansburg



The Town has completed three stream restorations—Blue Leaf, Diamond Hills and Towne Branch—as part of the Town's Municipal Separate Storm Sewer System (MS4) program's effort to meet state-mandated sediment reductions in Crab Creek.

Diamond Hills and Towne Branch are the most accessible restorations for the public to view. At both locations, the Town is allowing native plants, shrubs and trees to grow unimpeded. During heavy rains, stormwater slows down when the small stream, by design, overflows its banks and floods the wetlands. Freely growing native vegetation helps stabilize the soil and provide nutrient-filtering for stormwater.

The stream at Diamond Hills is four years post-construction and is stable. The native plants, shrubs and trees are well-established. Please walk down the mowed path to observe some of the constructed wetlands, as well as a grass and wildflower meadow.

Towne Branch, located at Depot Park, is heading into its second growing season. The Town is monitoring the large stone structures and banks for stability. Visitors should be able to see some of the 700 trees planted last year. While visiting, please try to avoid stepping on small trees. Eventually, they will become a streamside forest.

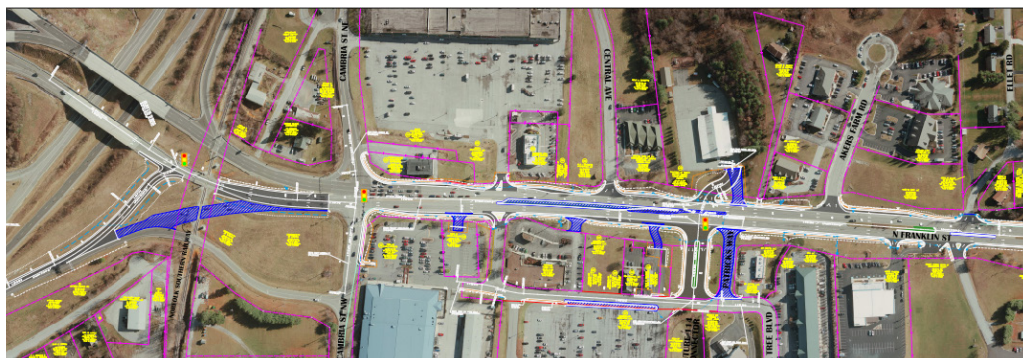
In the Know

We are gearing up for an action-packed summer in Christiansburg! Check out the reverse side for a list of events scheduled over the next couple months. Between the Christiansburg Farmers' Market, Goat Yoga, Cruise-In Downtown and Movies in the Park, we like to think there's something for everyone to enjoy. The Town is also hosting two public information sessions about how to apply for a homestay permit on May 13 and June 13 at 6 p.m. at Town Hall. You can find more information on the reverse side.

Please read the article below to learn about significant construction along N. Franklin Street that will begin this summer. And, if you have a few minutes to spare, the New River Valley Regional Commission is seeking responses to a housing survey (more information on the reverse side).

We'll see you out there!

In the Works: N. Franklin Street Corridor Improvements Project to begin in summer 2019



Note: Blue highlighted sections indicate areas where pavement will be removed.

The N. Franklin Street Corridor Improvements Project will introduce a number of enhancements to the roadway in the coming year. The project is designed to improve traffic flow and safety along N. Franklin Street while also increasing accessibility for pedestrians. The project will also add street lighting.

Although final authorization from VDOT is still pending, construction is expected to begin in June. Work will require lane closures, and possible detours, that may cause delays to through-traffic. Most construction is expected to be undertaken during the day, but access to businesses will be maintained.

The project will create a new traffic pattern by realigning the intersection of Cambria Street and N. Franklin Street. As shown in the image above, the exit from US-460 Business will be removed from the existing N. Franklin Street and Cambria Street intersection. A traffic signal will integrate traffic from US-460 Business with traffic exiting the US-460 Bypass prior to reaching the intersection of Cambria

Street and N. Franklin Street.

The project will also replace several entrances onto N. Franklin with a signal-controlled entrance near Patricks Way and Oak Tree Boulevard. This will also provide access to a new, Town-maintained service road that aligns with Oak Tree Boulevard and extends between the Food Lion Shopping Center and the Christiansburg Recreation Center.

Sidewalks will be built along both sides of N. Franklin Street. Sidewalks on the east side of N. Franklin will connect to the sidewalks at Independence Boulevard and sidewalks on the west side will connect with the Huckleberry Trail.

In total, the project will cost about \$8.5 million, of which the Town will contribute \$12,968. The balance will be covered by Smart Scale funding (\$7.8 million) and VDOT's Urban Funds program (\$634,414).

Construction is expected to last into the summer of 2020.

Follow us!



Have a question? Let us know!
540-382-6128 ext. 1150
info@christiansburg.org
www.christiansburg.org

Events Calendar

Christiansburg Farmers' Market

May 2 - Oct. 31, Thursdays from 3-7 p.m.
Hickok Street

Goat Yoga

May 6 - Oct. 7, first Mondays of month, 5:30 p.m.
Lawn in front of Town Hall parking lot

Community Yard Sale

May 4, 7 a.m. - 12 p.m.
Christiansburg Aquatic Center

Wine & Artisans

May 4, 12-7 p.m.
College Street & Hickok Street

Cruise-In Downtown

May 11, 3:30 - 7:30 p.m.
Downtown Christiansburg

Relay for Life

May 31, 6 p.m. - midnight
Christiansburg Middle School

Mountains of Music Homecoming

June 11, 8 p.m.
Sinkland Farms

Movies in the Park

June 21, sundown
Downtown Park (off of College Street)

To find out more information on events and programs, visit www.christiansburg.org/events or our Facebook page.

Christiansburg Farmers' Market returns May 2

The Christiansburg Farmers' Market's fifth season is upon us! Opening day will be held on Hickok Street NW from 3-7 p.m. May 2. In addition to fresh, local produce, opening day will feature live music by Daniel Davis, ice cream from Homestead Creamery and food trucks. There will also be a bounce castle, facepainting and lawn games.

We are excited to announce that the following vendors will be part of this season's market: Bird and Hopper, Brugh Coffee, Cavalier Farm, Gracie's Garden, Granny Bean's Confections, Grateful Bread, Homestead Creamery, Idyllwood Farms, Many Blue Hills Farm, NRV Hook, Line and Sinker, Stump Ridge Farm, and Weeping Willow Farm.

Come on down to Hickok Street every Thursday through the end of October to stock up on food, sample local wines and enjoy family-friendly event programming!

NRVRC seeks responses to regional housing survey

The New River Valley Regional Commission (NRVRC) is conducting a regional housing study to collect information about the housing market in communities across the region. The study will provide localities and developers with data and strategies that help to guide their investment in housing production and redevelopment projects.

The study will include results from a resident survey. The survey, which can be found at www.nrvrc.org/NRVhousingstudy/, asks residents to provide information about their home-buying or renting experiences and housing preferences. Input will help the commission prepare a report for local governments that will guide local housing strategies and future development.

The survey takes about five minutes to complete and all responses are anonymous.

Community Snapshot



Sixth graders at Christiansburg Middle School learn about bank erosion during Stormwater Days, an event where local engineers and stormwater specialists teach students about the water system, water quality and freshwater ecosystems.

Learn how to apply for a homestay permit

The Town of Christiansburg will be hosting two public information sessions about the homestay ordinance going into effect July 1. The meetings will be held at 6 p.m. on May 13 and June 13 at Town Hall, 100 E. Main St.

During the meetings, Town staff will walk residents through the application process and be available to answer questions.

If you cannot attend one of the sessions but would like to meet with a Town staff member to review the process, please call Assistant Town Manager Andrew Warren at (540) 382-6128, ext. 1130.

For more information, please visit www.christiansburg.org/homestay.

Upcoming Meetings & Closures

Upcoming Town Council Meetings

Held at Town Hall, 100 East Main St.

- Tuesday, May 14, 7 p.m.
- Tuesday, May 28, 7 p.m.
- Tuesday, June 11, 7 p.m.
- Tuesday, June 25, 7 p.m.

Never miss a meeting! Sign up for notifications at www.christiansburg.org/notifyme.

Upcoming Holiday Closures

Memorial Day - Monday, May 27

- Town Hall will be closed.
- The Aquatic Center will be closed.
- The Recreation Center will be closed.
- Garbage which would have normally been collected Monday, May 27, will be collected Tuesday, May 28, with Tuesday's regular collection.

Summer lawncare: keep it mowed!

Summer rain and sunshine will probably cause your lawn to grow at a faster rate than during the rest of the year, but it's worth the extra effort to regularly mow your lawn. According to the Virginia Department of Conservation and Recreation, proper mowing plays an important role in keeping your lawn healthy. Although recommended cutting heights vary by type of grass, you should cut no more than one-third of

the plant at any given time. If you do not mow more than a third of your lawn, you can safely leave those clippings on the lawn and they will quickly decompose, adding essential nutrients back into the soil.

Maintaining your lawn is also the neighborly thing to do, as tall grass can attract pests, such as mosquitos and rats, to a neighborhood. Grass taller than 12 inches is considered a public nuisance.



Have a question? Let us know!

540-382-6128 ext. 1150

info@christiansburg.org

www.christiansburg.org

The Christiansburg Connection

Newsletter for the Town of Christiansburg

July/August 2018

Community Corner

Coming soon: roam NRV Bike Share



A new public transportation option is coming to town! The roam New River Valley Bike Share program will soon have two bike racks in Christiansburg: one at the Christiansburg Recreation Center and the other at the NRV Mall near New River Community College.

roam NRV is a collaborative effort between the town, Montgomery County, the Town of Blacksburg and Virginia Tech. There will be two stations in Blacksburg and eight on Virginia Tech's campus. Users of the system will need to create an account once the system is live and can use a mobile app to see if there are available bicycles and to reserve one before getting to the bike rack.

There will be a range of pricing options depending on how long and often an individual plans to use a bike. Single trips will cost \$1 for every 15 minutes, but there are also options to check out a bicycle for a full day, or purchase a monthly or annual membership.

Stay tuned for more information on the roam NRV Bike Share program, which will be arriving in town in the coming months. To learn more in the meantime, visit www.gotchabike.com/roamnrv.

In The Know

Between our new curbside recycling service, the upcoming launch of a regional bike share program and classic summer events like our Fourth of July Celebration, there's a lot to keep up with these days!

Our curbside recycling service begins the first week of July. If your garbage and recycling would normally be collected on Wednesday, July 4, don't forget to set both bins out on Tuesday, July 3, because we will be operating on a modified collection schedule for the holiday.

Read about roam NRV, a new bike share program coming to Christiansburg, in the article to the left. The fiscal year 2018-2019 officially begins on July 1. Learn more about this year's budget below or by visiting www.christiansburg.org/budget.

As always, check our events list on the back to see what's happening around Town during the next couple months!

Town Council approves FY 2018-19 budget

Town Council passed the budget for fiscal year 2018-2019 on June 12.

Water and sewer rates increased (effective July 1) to help fund upgrades to the water and wastewater treatment facilities. The monthly water rate for 1,000 gallons will increase from \$6 to \$7. For every additional 1,000 gallons up to 50,000 gallons, the rate will increase from \$8 to \$9. The rate will increase from \$6 to \$6.75 for every additional 1,000 gallons over 50,000 within corporate limits.

The monthly sewer rate for 1,000 gallons will increase from \$9 to \$10. The rate for every additional 1,000 gallons will remain unchanged within corporate limits at \$10.25 per 1,000 gallons.

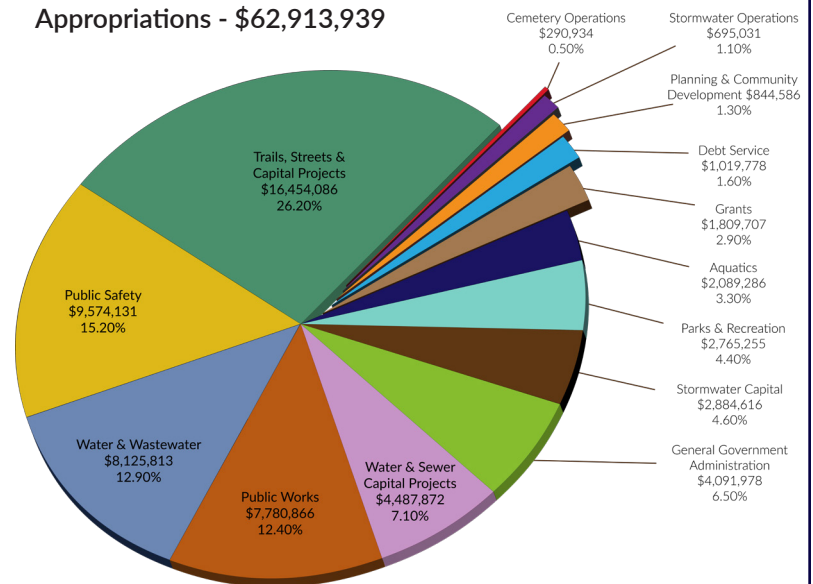
Real estate and personal property tax rates

will remain unchanged.

Three new positions were added: one Rescue supervisor position was created, and two 32-hour Rescue employees were moved to full-time.

You can find a copy of the budget in its entirety and more information at: www.christiansburg.org/budget.

Appropriations - \$62,913,939



Follow us!



Have a question? Let us know!
 540-382-6128 ext. 1150
info@christiansburg.org
www.christiansburg.org

Events Calendar

Christiansburg Farmers' Market

Every Thursday through Oct., 3-7 p.m.
Hickory Street NW

Fourth of July Celebration

July 4, 10 a.m. - 4 p.m.; downtown Main Street
Fireworks show begins at 9:15 p.m., view from the NRV Mall or Walmart parking lot

Movies in the Park: "The Sandlot"

July 27, movie begins at sundown
Downtown Park

SW VA 811 8-Mile Race & 5k Run/Walk

Aug. 11, race begins at 6:30 a.m.
Christiansburg Recreation Center

Movies in the Park: "The Greatest Showman"

Aug. 24, movie begins at sundown
Downtown Park

Stillborn Speak 5k Run/Walk

Aug. 25, race begins at 8:30 a.m.
Christiansburg Recreation Center

Heritage Day

Aug. 25, 10 a.m. - 3 p.m.
Montgomery Museum

To find out more information on events and programs, visit www.christiansburg.org/events or our Facebook page.

Upcoming Meetings

Town Council Meetings

Held at Town Hall, 100 East Main St.

- Tuesday, July 10, 7 p.m.
- Tuesday, July 24, 7 p.m.
- Tuesday, August 14, 7 p.m.
- Tuesday, August 28, 7 p.m.

Never miss a meeting! Sign up for notifications at www.christiansburg.org/notifyme

Closures

Independence Day, July 4

- The Aquatic Center will be closed.
- Town Hall will be closed.
- The Recreation Center will be closed.
- Garbage and recycling normally collected on Wednesdays will be collected on Tuesday, July 3, with Tuesday's regular collection.

Aquatic Center Information

July 13-15, Summer Awards Meet
July 20-21, RVAA City County Meet
July 26-29, Age Group Champs Meet
Aug. 13-24, CAC closed for annual maintenance

Stream restoration improving habitat for native wildlife

If you've been to Depot Park recently, you've probably noticed some changes. These changes are part of the Towne Branch stream restoration project, which will prevent approximately 160 tons of sediment from moving downstream every year. This puts Christiansburg closer to achieving a required reduction in the amount of sediment entering our waterways.

One of the benefits of reducing sediment is a better habitat for native aquatic animals and plants. As part of the project, 700 native trees were planted both behind the split rail fence and downstream of the Skate Park. Additionally, 4,700 native shrubs were planted along the stream's bank to control erosion. These areas were also seeded with native plants.

Planting young trees, shrubs and seeds requires a change in mowing practices. The tall grass you can find along the stream today is a "nurse crop." It sprouts and grows very quickly and helps protect the native plant seeds. Some



of the native plant seeds will germinate this summer as the nurse crop dies. Others will take up to a year to sprout. Mowing the nurse crop would damage the young native plants, trees and shrubs. The goal is to create a well-shaded stream with stable banks and a diverse aquatic animal community. With time and proper care, this area will transform into a native meadow and then a streamside forest.

Community Snapshot



Girl Scouts from Troop 51 plant huckleberries along the Huckleberry Trail in June as part of a service project.

Stormwater Survey

As part of the Town's MS4 (Municipal Separate Storm Sewer System) permit, we are gauging the public's perception of stormwater issues and our storm sewer system. If you would like to participate, please visit <https://bit.ly/2lhr1A1> by July 31 to take the survey. You may also complete the survey in person at the Christiansburg Aquatic Center, the Christiansburg Recreation Center or Town Hall before the end of July.

The survey does not require any identifying information and is only 11 questions long.

Frequently Asked...

Q: How can I pay my utility bills?

A: You may pay online at <https://utilitybilling.christiansburg.org> or in person at Town Hall, 100 E. Main St. in Christiansburg. You can also set up payments to be automatically withdrawn from your checking or savings account through the Direct Payment Plan. Visit Town Hall to set up direct payment. Visa, Mastercard and Discover debit/credit cards are accepted for payment, along with cash, checks and money orders.

Q: How can I monitor my water usage?

A: Sign up for an account at www.christiansburg.org/monitorwater. The online tool will allow you to monitor your usage and receive alerts if a leak is detected.



Have a question? Let us know!
540-382-6128 ext. 1150
info@christiansburg.org
www.christiansburg.org



Town of Christiansburg, VA

May 30 · 🌐



Every year, the Town of Christiansburg's drinking water undergoes extensive testing to ensure it is safe. The results of the test, performed during the 2018 calendar year, demonstrate that the town's drinking water is safe and meets all federal and state requirements. To view the report, click the here: <http://www.christiansburg.org/.../Drinking-Water-Quality-Repo...>

CHRISTIANSBURG.ORG

www.christiansburg.org



Get More Likes, Comments and Shares

Boost this post for \$50 to reach up to 8,800 people.

2,213
People Reached

87
Engagements

Boost Post

Nickola Dudley, Anita Shepard and 20 others

2 Shares

Like

Comment

Share



Performance for Your Post

2,213 People Reached

26 Reactions, Comments & Shares ⓘ

21 Like	21 On Post	0 On Shares
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2 Haha	2 On Post	0 On Shares
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0 Comments	0 On Post	0 On Shares
----------------------	---------------------	-----------------------

3 Shares	2 On Post	1 On Shares
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61 Post Clicks

0 Photo Views	33 Link Clicks	28 Other Clicks ⓘ
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NEGATIVE FEEDBACK

2 Hide Post **0** Hide All Posts

0 Report as Spam **0** Unlike Page

Reported stats may be delayed from what appears on posts



Town of Christiansburg, VA



June 27 · 🌐

The long summer days are a great time to get outside and play with your pets! But please remember to clean up after them. It can make a big difference in our community and our waterways.

The streams in Christiansburg are considered impaired, or overloaded, with E. coli bacteria. In urban/suburban areas, a large portion of this excess bacteria can be traced back to dog and cat waste. Pet waste left in yards and on the street washes into the storm drains, ditches and streams. Streams that become overloaded with E. coli bacteria can transmit disease and pose hazards to people and pets. Excessive waste can also contribute to algae blooms, which affects aquatic life.

To help you pick up after your pets, the Town will have free pet waste bag dispensers with flashlights available at the Dog Days of Summer event at the Christiansburg Farmers' Market this afternoon! Bagged pet waste can be disposed with household trash.

To find out more about this and other stormwater issues in the Town, please visit <https://www.christiansburg.org/.../Stormwater-Information-and...>



Performance for Your Post

6,041 People Reached

140 Reactions, Comments & Shares ⓘ

76 Like	41 On Post	35 On Shares
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3 Love	2 On Post	1 On Shares
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1 Wow	0 On Post	1 On Shares
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13 Comments	9 On Post	4 On Shares
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47 Shares	47 On Post	0 On Shares
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466 Post Clicks

26 Photo Views	4 Link Clicks	436 Other Clicks ⓘ
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NEGATIVE FEEDBACK

3 Hide Post	1 Hide All Posts
0 Report as Spam	0 Unlike Page

Reported stats may be delayed from what appears on posts

Appendix B: Documentation of Public Involvement Activities

Meeting Sign In

Project: MS4 Coordination Meeting
 Facilitator: John Burke
 Place/Room: General Services Conf. Room

Date: 1/31/2019
 Time: 1:30 PM

PRINT NAME	ORGANIZATION	PHONE	EMAIL
1. Katelyn Kast	Virginia Tech	(540) 540-231 540-231-3716	katelyn5@vt.edu
2. Kafi Howard	Town of Blacksburg	(540) 443-1354	khoward@blacksburg.gov
3. Patricia Colatosti	Town of Christiansburg	3826120 x1157	pcolatosti@christiansburg.org
4. Neal Thompson	Radford University	540 831 7207	thompson@radford.edu
5. Micheal Sutherland	Montgomery County	394-2148	SutherlandMK@MontgomeryCountyVA.gov
6. Scott Woodrum	Montgomery County	394-2090	woodrumsc@montgomerycountyva.gov
7. John Burke	Montgomery County	394-2090	burkejw@montgomerycountyva.gov
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			

Sign Up

Email or Phone

Password

Log In

Forgot account?



Town of Christiansburg, VA

April 8 ·

A BIG thanks to the The Big Event at Virginia Tech volunteers who helped our Engineering Department with a Towne Branch stream cleanup in Depot Park on Saturday. They collected eight large bags of trash - and one traffic cone!

Overall, Big Event volunteers completed 360 projects in Christiansburg on Saturday. That's amazing, and we sincerely thank all of the volunteers for giving back to their community!



140

9 Comments 4 Shares

Share

Related Pages



Christiansburg Farmers' Market
Farmers Market



Downtown Christiansburg Inc.
Community Organization



Montgomery County Parks and...
Government Organization



Christiansburg Aquatic Center
Public Swimming Pool



Christiansburg Volunteer Fire De...
Fire Station



Christiansburg Rescue
Government Organization



Montgomery County VA Scanner...
Community Service



Montgomery County Sheriff's Off...
Law Enforcement Agency



Christiansburg Skate Park
Skateboard Park



Mockingbird Cafe & Bakery
Cafe



Christiansburg High School
High School



Radford City Police Department
Government Organization

Pages Liked by This Page



Montgomery County, Virginia



Town of Blacksburg Govern...



Montgomery County VA Econom...





MONTGOMERY COUNTY ENVIRONMENTAL SERVICES

755 ROANOKE STREET, SUITE 1C, CHRISTIANSBURG, VIRGINIA 24073-3172

MS4 Coordination Meeting – January 31st, 2019, 1:30 PM

General Services Conference Room, Suite 1C, 755 Roanoke St, Christiansburg

Montgomery County VAR040134

Town of Blacksburg VAR040019

Town of Christiansburg VAR040025

Virginia Tech VAR040049

Radford University VAR040136

Agenda

1. School System Curriculum MCM1 Outreach
Reviewed the story map concept. May-June would be an appropriate completion period.
2. Program Plan Update
Discussed the VAMSA conference call, distribute the materials and notes to all.
3. Homebuilders Show
JB will distribute a signup sheet. MOCO will sign up for the booth. Localities will inventory handouts for youth. SWAG- TOC, TOB, VT have pet waste dispensers. MOCO is trying to get refill bags.
4. Erosion and Sediment Control Products Outreach Event
Notify Siltsaver that we can provide the facility and allow him to reach out to interested party. Suggest NRVHBA and provide a contact.
5. MCM 5 Common Plan of Development
MOCO has lot grading ordinance language, TOB strongly recommends lot grading
6. Other items. What MCM 2 participation events are being proposed that we may have in common: these MS4 coordination meetings, New River watershed roundtable, VAMSA, NRVHBA, Steppin' Out.

Fall 2018 Montgomery County Public Schools 6th grade Stormwater Day wrap up

Thank you for participating! The weather cooperated, the rain held off until we were cleaning up, and for the most part the students seemed engaged in all the activities.

Blacksburg Middle School 6th grade– Nov 2, 2018 at Izaak Walton League Park.
Everyone spoke to half of the total attendees.

Total Students: 300

Total Adult chaperones/teachers: 14

Presenters: 30 at 12 stations

Virginia Tech students: 17

from the groups:

Water for Kids (College of Engineering)

VT Site and Infrastructure Development Department

Biological Systems Engineering Department

Other presenters + organizers: 14

VA Department of Environmental Quality

Virginia Tech Site and Infrastructure Development

VA Department of Conservation and Recreation – Karst Program

Montgomery County Engineering and Regulatory Compliance

Montgomery County Planning and GIS

Town of Blacksburg

Virginia Cooperative Extension 4-H

Town of Christiansburg

Montgomery County Public Schools

You don't need a Google account to see any of these, but the forms are live. If a window pops up asking you to sign in just hit the back button on your browser.

Pre evaluation link

<https://goo.gl/forms/hYCOXHw0zJSC76Bs2>

Pre evaluation results

https://docs.google.com/forms/d/12ezPrfjYgUZLCW_yKU1uSh0VchVvi7ljHu8uhzUQgJA/viewanalytics

If you hover over the bars on the bar graphs or the slices on the pie charts the corresponding response will appear.

Post evaluation link <https://goo.gl/forms/7qECeBsrxXmAnYVv1>

Post evaluation results – We had an issue with the form and this includes data from 2017 and 2018. Hopefully it is still useful to you.

<https://docs.google.com/forms/d/1aMVI83VTIA3uft1-dZl8RI6jRhWCnAFIfNOBIF6LfAc/viewanalytics>

Please let me know of any suggestions you may have. We want the event to be worthwhile for all.

Spring 2019 Montgomery County Public Schools 6th grade Stormwater Days wrap up

Thank you for participating! I apologize for the lag time between the event and this summary. Our Fall 2019 Stormwater Day for Blacksburg Middle School will be on October 18th. We hope you can make it!

April 15, 2019 – morning session – Shawsville Middle School 6th grade at Izaak Walton League Park. Everyone spoke to all the attendees.

Total Students: 65

Total Adult chaperones/teachers: 12

Presenters: 24 at 12 stations

Virginia Tech students: 12

from the groups:

VT Site and Infrastructure Development Department

Biological Systems Engineering Department

VT chapter of the American Fisheries Society

Other presenters + organizers: 12

Virginia Tech Site and Infrastructure Development

VA Department of Conservation and Recreation – Karst Program

Montgomery County Engineering and Regulatory Compliance

Montgomery County Planning and GIS

Town of Blacksburg

Virginia Cooperative Extension 4-H

Virginia Cooperative Extension

Town of Christiansburg

Montgomery County Public Schools

Izaak Walton League of America – Christiansburg/Montgomery Chapter

Virginia Floodplain Management Association

You don't need a Google account to see any of these, but the forms are live. If a window pops up asking you to sign in just hit the escape on your browser.

Pre evaluation link

<https://forms.gle/Hv1K7dBRJ9B1nL6m6>

Pre evaluation results

<https://docs.google.com/forms/d/17zRwP1xXdZTzgHLEhlaZnVFvjTVbqadf1GtjwJgM7qs/viewanalytics>

If you hover over the bars on the bar graphs or the slices on the pie charts the corresponding response will appear.

Post evaluation link <https://forms.gle/HoUxAstkrVwAymaAA>

Post evaluation results

<https://docs.google.com/forms/d/1MhIgoK2vUzWEpQMb2Du-uoZwUWyRfrWCSho2JSNC68c/viewanalytics>

If you hover over the bars on the bar graphs or the slices on the pie charts the corresponding response will appear

April 15, 2019 – afternoon session – Auburn Middle School 6th grade at Izaak Walton League Park.

Everyone spoke to all the attendees

Total Students: 99

Total Adult chaperones/teachers: 12

Presenters: 24 at 12 stations

Virginia Tech students: 12

from the groups:

VT Site and Infrastructure Development Department

Biological Systems Engineering Department

VT chapter of the American Fisheries Society

Other presenters + organizers: 12

Virginia Tech Site and Infrastructure Development

VA Department of Conservation and Recreation – Karst Program

Montgomery County Engineering and Regulatory Compliance

Montgomery County Planning and GIS

Town of Blacksburg

Virginia Cooperative Extension 4-H

Virginia Cooperative Extension

Town of Christiansburg

Montgomery County Public Schools

Izaak Walton League of America – Christiansburg/Montgomery Chapter

Virginia Floodplain Management Association

You don't need a Google account to see any of these, but the forms are live. If a window pops up asking you to sign in just hit the back button on your browser.

Pre evaluation link

<https://forms.gle/dRXos3Vb1mzdx1sT9>

Pre evaluation results

<https://docs.google.com/forms/d/1zdkAGk3EO2vRGreU5R35zySTvvxz4uBruKRNQtD2y1A/viewanalytics>

If you hover over the bars on the bar graphs or the slices on the pie charts the corresponding response will appear.

Post evaluation link <https://forms.gle/Wcm36GQ8v3QeqCED6>

Post evaluation results

<https://docs.google.com/forms/d/1D37htNZf6HpoqRowzMqTEV9dEBzgNov18f460fEL5-E/viewanalytics>

If you hover over the bars on the bar graphs or the slices on the pie charts the corresponding response will appear.

April 16, 2019 – Christiansburg Middle School 6th grade at Izaak Walton League Park.
Everyone spoke to approximately half the attendees.

Total Students: 300

Total Adult chaperones/teachers: 14

Presenters: 31 at 13 stations

Virginia Tech students: 14

from the groups:

Water for Kids (College of Engineering)

VT Site and Infrastructure Development Department

Biological Systems Engineering Department

College of Natural Resources

Other presenters + organizers: 17

VA Department of Environmental Quality

Virginia Tech Site and Infrastructure Development

VA Department of Conservation and Recreation – Karst Program

Montgomery County Engineering and Regulatory Compliance

Montgomery County Planning and GIS

Town of Blacksburg

Virginia Cooperative Extension 4-H

Virginia Cooperative Extension

Town of Christiansburg

Montgomery County Public Schools

Izaak Walton League of America – Christiansburg/Montgomery Chapter

Virginia Floodplain Management Association

You don't need a Google account to see any of these, but the forms are live. If a window pops up asking you to sign in just hit the back button on your browser.

Pre evaluation link

<https://forms.gle/UJUwFYLZ1mT8KyWQ9>

Pre evaluation results

<https://docs.google.com/forms/d/1LL-s0lf3JFu057SnsjalSpI7JJnkNzocLiOh-yB72w4/viewanalytics>

If you hover over the bars on the bar graphs or the slices on the pie charts the corresponding response will appear.

Post evaluation link <https://forms.gle/9MGvrcCNI8pkjBUp7>

Post evaluation results

<https://docs.google.com/forms/d/1UQpNkxE9aRSR1E2dqKnVbnA5U8nPVRJA3TfEiZtT2UU/viewanalytics>

If you hover over the bars on the bar graphs or the slices on the pie charts the corresponding response will appear.

Appendix C: List of Illicit Discharges

Table 6: Illicit Discharges

Illicit Discharge	Part I.E.3.e(3)(a) Source	Part I.E.3.e(3)(b) Date Observed & Date Reported:	Part I.E.3.e(3)(c) Detected during Screening, Reported by Public or Other (Describe):	Part I.E.3.e(3)(d) Investigation Resolution:	Part I.E.3.e(3)(e) Description of Follow-up Activities:	Part I.E.3.e(3)(f) Date Investigation Closed:
non-recurring, source not found, reported as soapy discharge from basement of 201 Hickok St to street	201 Hickok St	5/22/2018	Reported by Public	Building Official drove by and did not see any discharge	Building official drove by several more times and did not observe any discharge	11/22/2018
reported as release of oil onto parking lot and then into road from 1750 Depot St.	1750 Depot St	6/21/2018	Reported by Public Works employee	Patricia Colatosti visited site and did not see any oil. Lot recently repaved	Repeated visits did not see any oil discharge	12/19/2018
Reported as discharge from dumpster behind 2100 Roanoke St to the street	2100 Roanoke St	6/21/2018	Reported by Public Works employee	Patricia Colatosti visited site and did not see any discharge.	Repeated visits did not see any discharge	12/19/2018
Mulch moving in quantity into storm drain system in Oak Tree Phase I and II	Oak Tree Development	7/9/2018	Reported by Public Works employee	Continue to talk to HOA about alternative ground covers	Met with HOA president to discuss amounts of mulch and illicit discharge issues. Mr. Formica was going to present the quantity and dollar amount of mulch pulled out of the storm drain to the HOA board on 11/20/2018	ongoing as of 6/30/2019
Possible diesel spill to storm drain at 1005 West Main St	1005 W. Main St.	7/21/2018	Reported by Public	Fire Dept responded and put out a boom. They investigated the Citgo uphill and ruled them out as a source	Grant Hoover checked storm drain on 7/23/2018 and found no diesel in boom or storm	12/21/2018

				and did not find a source	drain. Fire Dept monitored site.	
Possible oil leak from tanks at Rt 8/Rt11	Intersection of Rt 8 and Rt 11	7/23/2018	Reported by Public	Fire Dept and Public Works investigated and never found a leak		12/23/2018
30 Siena Dr Hydraulic Spill	30 Siena Dr	8/9/2018	Reported by Public	Investigated and resolved through ESC program		8/27/2018
Petroleum odor from storm drains in vicinity of 3/5/7 Roanoke St down stream to 107 N Franklin St	107 N Franklin St	8/23/2018	Reported by Public	Drippage off roof of 3 Roanoke St into storm drain observed. Owner contacted repeatedly by Building Official. Notice of Correction issued by Building Official on 1/7/2019. Owner fixed roof. Storm drain odor continued. This is actually a long standing problem going back years.	Town contracted out for repeated water testing in storm drains Dec 2018 - March 2019. Odor noted but tests inconclusive. Owner of 5 Roanoke St contacted Town in May 2019 about leaking UST at rear of 7 Roanoke St. Town Fire Chief confirmed leaking UST. As of 6/30/2019 owner of 7 Roanoke St had a contract for removal on July 8, 2019 and had tank pumped on June 13, 2019	ongoing as of 6/30/2019
Complaint of diesel smell in ditch during rain events on Rigby St behind MCPS Bus garage	Rigby St	9/8/2018	Reported by Public	Montgomery County took over investigation as they manage the MS4 for Montgomery County Public Schools	No further odor was detected. Ditch has been replaced by storm drain	9/11/2018

Recurring petroleum odor with suds in Town Hall parking lot double grated inlet	Town Hall	11/1/2018	Reported by Engineering Employee	Petroloum odor investigated with ongoing odor investigation. Suds considered separate issue	No further suds seen after several rain events	6/30/2019
Mud and gravel on Rainbow Street	Rainbow St	2/4/2019	Reported by Public	Resident reported dump trucks leaving mud and gravel on Rainbow St. Baker Property Mass Grading parcel, a permitted fill site in Montgmerly County, is as the end of Rainbow St. Contacted Montgomery County.	Montgomery County revised the construction entrance. Contractor cleaned Rainbow St. TOC Police Dept monitoring traffic and speeding on Rainbow St.	2/11/2019
Sediment spread from the intersection of Hill and Pepper St and collecting at grated inlets in Town Hall parking lot	Town Hall	2/19/2019	Reported by Engineering Employee	Contractor discharged accumulated sediment laden water in foundation through rock wall to street. Land disturbance is under 10,000 sq ft	Alan Shaw contacted the owner. Contractor swept street and installed straw bales at all foundation drains in rock wall. Future pumping will be to sewer. Site to be monitored	6/30/2019
Release of sediment and straw bales into Crab Creek from storm drain improvement project	Crab Creek	2/21/2019	Reported by Engineering Employee	Contractor had failure of ESC controls and discharged sediment and straw bales to Crab Creek	Reported discharge to DEQ. Continue Town oversight inspections of project. Outfall NE58CC45	3/1/2019
Sediment release to Towne Branch due to sediment laden groundwater discharged to stream from bore pit	College St	3/20/2019	Reported by Town Employee	Contractor for College St Sewer project was discharging sediment laden groundwater from a bore pit to the	Contractor instructed to either filter water or discharge to sewer. Contractor discharged	3/27/2019

				storm drain. Discharged through Outfall NE58TBA 24	remaining water to sewer. Continue Town oversight inspections of project. Discharge reported to DEQ.	
Hydraulic Spill from Town garbage truck at a gas station	Roanoke St.	3/26/2019	Reported by Public Works employee	Town garbage truck broke a hydraulic hose while fueling at Speedway on Roanoke St.	Town employees put down oil dry and sock containment and prevented hydraulic fluid from reaching fuel tanks or storm drain.	3/26/2019
Sediment tracking on Town streets and US 460 bypass from N Franklin St to Rainbow St.	US 460 at N. Franklin and Rainbow St.	5/7/2019	Montgomery County employee	A subcontractor for the College St Sewer project was hauling slurry from bore pits to a fill site at the end of Rainbow St without dewatering.	Justin St Clair contacted the contractor for the project. They swept the Town maintained roads that needed clean up and stopped hauling slurry.	5/10/2019
Sediment spread from the intersection of Hill and Pepper St and collecting at grated inlets in Town Hall parking lot	Town Hall	6/19/2019	Reported by Town Employee	100 Hill St was releasing sediment laden water from the site. Land disturbance of under 10,000 sq. ft.	Alan Shaw contacted the owner. Mr. Duncan reinforced the straw bales and installed silt fence. TOC Public Works swept the street and parking lot. Site to be monitored	6/20/2019