



THE AUDITOR OF PUBLIC ACCOUNTS LOCALITY STORMWATER UTILITY REPORTING FORM

The purpose of this form is to implement the following locality stormwater utility reporting requirement established by Paragraph D.1. of Item 2 of the Fiscal Year 2021-2022 State Budget ([Chapter 552](#) of the 2021 Acts of Assembly): *Each locality establishing a utility or enacting a system of service charges to support a local stormwater management program pursuant to §15.2-2114, Code of Virginia, shall provide to the Auditor of Public Accounts by October 1 of each year, in a format specified by the Auditor, a report as to each program funded by these fees and the expected nutrient and sediment reductions for each of these programs. For any specific stormwater outfall generating more than \$200,000 in annual fees, such report shall include identification of specific actions to remediate nutrient and sediment reduction from the specific outfall.*

Each locality subject to the reporting requirement set forth above should complete and submit this report form each year to the Auditor of Public Accounts by October 1, in an electronic format emailed to LocalGovernment@apa.virginia.gov. **The report for the Fiscal Year 2021 (or applicable reporting period) is due by October 1, 2021.**

SECTION 1 – LOCALITY INFORMATION

Locality Name: Town of Christiansburg, Virginia
Contact Name/Title: Valerie Tweedie, Director of Finance
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Report Completion Date: October 1, 2021

SECTION 2 - STORMWATER UTILITY FEES

For your stormwater utility fees provide the following information from your current fiscal year or most recent audited annual financial report. (Note: “Draft” or preliminary amounts from the current fiscal year may be submitted due to the timing of this report’s October 1 deadline, which is prior to a locality’s annual audited financial report deadline of December 15.)

Financial Statement Fund Name: Click or tap here to enter text.

Fiscal year: Click or tap here to enter text.

Revenues	Expenditures	Ending Fund Balance or Net Position
1,873,646	958,792	7,315,054
If necessary, provide any additional detail/clarification below about the financial information provided at Section 2.		

The Town's stormwater net position is comprised of \$6,208,211 investment in capital assets and a remaining amount of \$1,106,843 which will support ongoing and future stormwater projects. The amount budgeted for stormwater projects for 2022 is \$3,542,987 and includes the following projects: Sleepy Hollow Drainage Improvements, Stone Street Drainage Improvements, Culvert Replacement Phlegar and N. Franklin, Stormwater Ponds Evaluation and Analysis, Industrial Park SWM Improvements, Hickok Street Improvements and College Street Drainage Study.

SECTION 3 – FUNDED PROGRAMS AND OTHER MAJOR ACTIVITIES

Provide a brief description of each major program funded by the utility fee system and, where applicable, the expected nutrient and sediment reductions for each of these programs.

A. Operations & Maintenance Program

Street Sweeping- Public Works tracks watershed areas and lane miles swept. Lane miles are converted to Total Suspended Solids removed using the 2011 Street Sweeping/BMP ERA recommendation to the Urban Stormwater Group for qualifying street lanes approach.

The Town has a Virginia Department of Environmental Quality (DEQ) required Municipal Separate Storm Sewer System (MS4) Permit. The MS4 permit includes requirements for public education and outreach, public participation, illicit discharge detection and elimination, construction site stormwater runoff control, post-construction stormwater management, and municipal operations pollution prevention & good housekeeping. With the exception of street sweeping, current activities are expected to reduce nutrient and sediment discharges but generally have no calculable methodology to determine reductions. The Virginia Stormwater Management Program (VSMP) and Virginia Erosion and Sediment Control Program (VESCP) are also administered by the Town as required by DEQ, serve in part to meet MS4 requirements, and are expected to reduce nutrient and sediment discharges but generally have no calculable methodology to determine reductions.

B. Capital Improvement Program

The Christiansburg Industrial Park Stormwater Management Facility is an existing facility that serves portions of the Christiansburg Industrial Park. A consultant has been retained to evaluate options to reduce peak discharge and sediment runoff. At this stage, there are no runoff reduction calculations available. This pond drains to the Roanoke River. A preliminary engineering report was completed in October 2018 and an RFP for engineering services to design the upgrades was released in February 2019. The Town has contracted with an engineer to provide the design services for the pond and is currently in preliminary engineering. Construction is expected to start in early 2022. The Town has applied for a SLAF application to complete a stream restoration on the upstream channel. This will address sediment and nutrient runoff by reducing erosion.

The Church, Rigby, Ellett Storm Drain Improvements Project reached substantial completion in Fall 2018. This included installation of approximately 2700 lf of storm drain in the Church St., Rigby St. and Ellett St. area, replacing inadequate ditches and areas with no storm drainage system.

The Hans Meadow Drainage Improvements Project started construction in Fall 2018 and was completed in June 2019. The project included installation of approximately 1200 lf of storm drain and a new stabilized grassed ditch to replace an inadequate concrete ditch.

The Towne Branch Stream Restoration Project started construction in Fall 2017 and was completed in the Spring of 2019. The project included approximately 1,995 linear feet of stream restoration of Towne Branch, a tributary of Crab Creek and approximately 210 linear feet of unnamed tributaries of Towne Branch that flows through Depot Park. The project improved the water quality along the stream and reduced erosion. The 1,995 linear feet restoration reduces an estimated 137 pounds of phosphorous load and 163 tons of sediment annually to Crab Creek.

The North Franklin Storm Drain Improvements Project began construction in Spring 2019 to move a storm drain/stream channel from an open channel in the cellar of several businesses on North Franklin St. to a closed pipe running through a parking lot and under North Franklin St. Construction was completed in Fall 2019.

The Hickok Street Improvements Project, Phase 1 includes construction of a storm drain, which will relocate an existing closed conduit / stream channel from under existing downtown businesses and place it within the Right-of-Way. The project will alleviate flooding concerns and provide an adequate conveyance system in the area. The work also includes some sewer improvements in an area known to have Sanitary Sewer Overflows. This project is currently under design. Construction is expected to start in late 2021 or early 2022.

The Town also began a study on the “Sleepy Hollow” drainage way. This stream runs behind multiple homes along Sleepy Hollow Road and is eroding and causing issues in back yards. Flooding is also a concern. The Town hired a consultant to review the issues and make recommendations. Currently the consultant is evaluating potential alternatives and homeowners are providing their input for desired outcomes. The study is expected to complete in early 2022. Construction of proposed alternatives has not been determined. This project would reduce sediment load to Crab Creek by addressing erosion issues along the drainageway.

Funding was also budgeted to replace culverts in several areas around Town. Most of these are more complicated than a simple replacement and need additional engineering. These culverts include Stone Street, Sherwood Drive, and Phlegar Street. Evaluation and design is expected to be completed spring 2022 and construction may begin as soon as fall 2023, pending availability of funds.

The College Street Drainage study was initiated in Fall 2020 to evaluate alternatives to address flooding along the College Street area west of Depot Street. The initial study was completed in Spring 2021 and additional funds are budgeted for detailed design. A consultant has not been selected for this work. It is unknown when this work will begin or be completed at this time however funds have been budgeted for design work in FY22.

The Town also initiated a Stormwater Pond Evaluation and Analysis. This work will provide an accounting of regional ponds owned and maintained by the town. The study will review quality and quantity benefits of these ponds and their available capacity for future development. The study is expected to begin and end in calendar year 2022.