



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 2019-2020 State Budget ([Chapter 854](#) of the 2019 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 2020 (or applicable reporting period) is due by October 1, 2020.**

SECTION 1 – LOCALITY INFORMATION

Locality Name: City of Virginia Beach
Contact Name/Title: Melanie Coffey, PE / MS4 Permit Administrator
Contact Address: 3556 Dam Neck Road, Virginia Beach, VA 23453
Contact Email: mcoffey@vb.gov
Contact Phone: 757-385-8593
Report Completion Date: September 29, 2020

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: Storm Water Enterprise Fund

Fiscal year: For the Year Ended June 30, 2020

Revenues	Expenditures	Ending Fund Balance or Net Position
\$47,808,033	\$33,237,622	\$395,702,027
If necessary, provide any additional detail/clarification below about the financial information provided at Section 2. The audited numbers are not available at the time of this report. The numbers provided are the draft preliminary unaudited financial data.		

In order to maximize, the use of the Equivalent Residential Unit (ERU) for Capital Improvement Projects, several divisions of the Stormwater were reallocated to the City's General Fund. The total amount of this change was \$14.3 million and included 105 FTEs. This new funding model allows for the ERU and revenue bonds to be maximized to fully support the Capital Improvement Program with general government support to address the growing flooding and maintenance projects.

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

The operations and maintenance program includes both operating and capital account funds. This funding is used to support asset inventory maintenance, inspections, and maintenance of stormwater assets. These assets include 54,435 drainage structures, 1157 miles of pipe, 714 miles of ditches, and 3211 public and private stormwater management facilities with 744 public maintained stormwater management facilities. This City also operates and maintains 15 pump stations for flood control in addition to a seawall at the oceanfront. The City also implements a street sweeping program. The estimated nutrient and sediment reductions associated with this program are total phosphorus at 77 lb/year, total nitrogen at 113 lb/year, and total suspended solids at 40,508 lb/year. Additional nutrient and sediment reductions are achieved by removal of sediments from existing inlets, pipes, ditches and stormwater retention ponds during maintenance activities. A method of calculation of the amount of nutrient and sediment reductions of these maintenance practices has not been established by the Department of Environmental Quality at this time

B. Capital Improvement Program

The Capital Improvement Program includes the water quality / regulatory compliance program, the flood control program, and the operation and maintenance program.

The nutrient and sediment reductions are expected to be primarily obtained from the results of the projects implemented by the water quality / regulatory compliance program. This portion of the Capital Improvement Program was funded in the amount of \$8,611,762. One project was completed in FY 2020, Southern Blvd. wet pond that achieved reductions of 26 lb/yr of phosphorus, 67 lb/year of nitrogen, and 16,727 lb/year of total suspended solids. There are additional projects under design that will achieve nutrient and sediment reductions. Please refer to the following table for details.

Project Name	Phosphorus	Nitrogen	Sediment
Aragona Drainage Improvements	46 lb/yr	0	45,415 lb/yr
City Hall 2020 MTD	1.7 lb/yr	0	688 lb/yr
Ashville Park Pond	85 lb/yr	440 lb/yr	46,345 lb/yr
Bayville Park Lake Water Quality Improvement	39 lb/yr	133 lb/yr	5,880 lb/yr
Chatham Hall Lake Water Quality Improvement	97 lb/yr	335 lb/yr	11,940 lb/yr
Kemps Lake Water Quality Improvement	329 lb/yr	1,312 lb/yr	242,120 lb/yr
Kemps River Crossing Water Quality Improvement	4.7 lb/yr	0	4,995 lb/yr
Laurel Cove Park Water Quality Improvement	11 lb/yr	0	1,732 lb/yr
Lynnhaven Park Constructed Wetlands	12 lb/yr	45 lb/yr	3,169 lb/yr

The flood control program provides for the installation of new stormwater infrastructure and improvements to existing infrastructure to minimize flooding for residents. In FY 2020 the flood control portion of the Capital Improvement Program was funded at \$24,994,064. Flood control projects are reviewed for opportunities to provide additional nutrient and sediment reductions. Of the projects constructed this year, there were no nutrient or sediment reductions achieved. Both the Aragona Drainage Improvements and the Ashville Park Pond projects are supporting both the flood control and water quality program goals for the City.

The operation and maintenance program funded by the Capital Improvement Program supports renewing the life cycle of the City's aging stormwater infrastructure. In FY 2020 the operations and maintenance portion of the Capital Improvement Program was funded at \$21,394,174. These activities support nutrient reductions provided renewing the life cycle of stormwater management facilities that are nearing the end of their life cycle. These activities do not provide additional nutrient and sediment reductions, however, the renewal of the asset provides for continual yearly reductions of nutrients and sediment.