



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 2017-2018 State Budget ([Chapter 836](#) of the 2017 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 shall 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 first report for Fiscal Year 2017 is due by October 1, 2017.**

SECTION 1 – LOCALITY INFORMATION

Locality Name: City of Staunton

Contact Name/Title: Patrick Wilkins / Environmental Programs Specialist

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Report Completion Date: 09/25/2017 – Revised 11/16/17

SECTION 2 - STORMWATER UTILITY FEES

For your stormwater utility fees provide the following information from your most recent audited annual financial report.

Financial Statement Fund Name: Stormwater

Fiscal year: 2017

Revenues	Expenditures	Ending Fund Balance/Net Position
\$829,852.88	\$1,263,374.04	\$10,729,885.00

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

Administration of VSMP Program; Planning, design, land acquisition, operation and maintenance of storm sewer facilities

B. Capital Improvement Program

See attached CIP Plan

**CITY OF STAUNTON
CAPITAL INVESTMENT PLAN
STORM WATER FUND**

COMPLETED STORM DRAIN PROJECTS	DATE COMPLETED	PROPOSED FUNDING SOURCE		
2401 N AUGUSTA STREET	FY2011	SW FUND BUDGET	Re-work the entrance to 2401 N Augusta St and replace/modify the DI top in Ravine Street	\$ 15,000
WOODLAND /OAK TERRACE	FY2011	SW FUND BUDGET	Replace existing culverts and drop inlets and add additional drop inlets to provide drainage and stop water pooling	\$ 54,853
THIRD STREET APARTMENTS	FY2011	SW FUND BUDGET	Grade an earth berm to capture runoff and install yard inlet over existing storm drain to prevent runoff into yards	\$ 15,000
810 EAST BEVERLEY STREET	FY2012	SW FUND BUDGET	Install inlet and culvert under E. Beverley St and C&G on North side to existing inlet to capture drainage	\$ 25,000
THORNROSE AVENUE 514	FY2014	SW FUND BUDGET	New storm drain system- completed November 2014	\$ 199,845
PINEHURST ROAD	FY2016	SW FUND BUDGET	Install additional storm drain piping and outlet protection- COMPLETED JUNE 2016	\$ 10,155
VICKERS /STUART / BUTTERMILK BRANCH	FY2017	SW FUND BUDGET	Necessary as a result of the W. Beverley / Anderson / Heydenreich project to improve street drainage in the area and improve an existing makeshift system before discharging into Buttermilk Branch. COMPLETED DECEMBER 2016	\$ 919,980
3 MONTGOMERY AVENUE	FY2017	SW FUND BUDGET	Raise existing sidewalk, re-grade gutter to existing inlet to prevent runoff from entering residence basement and ponding in yard	\$ 15,000
			TOTAL STORM WATER PROJECTS COMPLETED	\$ 1,254,833
<u>FY2017</u>				
TMDL PERMIT MANDATE IMPROVEMENT PROJECT- STAUNTON/AUGUSTA HEALTH DEPARTMENT FILTERRAS	FY2017	SW FUND BUDGET	Annual projects to improve storm water quality by reducing pollutant discharge of sediment, nitrogen, and phosphorus to meet TMDL requirements- total maximum daily load. Project includes installing two filterra units at Staunton/Augusta Health Department parking lot on North Augusta Street	\$ 40,000
MEADOWBROOK	FY2017	SW FUND BUDGET	Install spring boxes and storm drain/inlets along Meadowbrook outlet to existing pond	\$ 59,910
			TOTAL STORM WATER PROJECTS FY2017	\$ 99,910
<u>FY2018</u>				
MISCELLANEOUS STORM DRAIN IMPROVEMENTS	FY2018	SW FUND BUDGET	Storm drain improvements at 501 W Beverley St and Hersey Tire	\$ 50,000
774 NEW HOPE ROAD	FY2018	SW FUND BUDGET	Project includes replacing undersized/failing culvert and improving roadway shoulders on National Avenue near intersection with New Hope Road	\$ 50,000
			TOTAL STORM WATER PROJECTS FY2018	\$ 100,000

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		PROPOSED FUNDING SOURCE		
FY2019				
MISCELLANEOUS STORM DRAIN IMPROVEMENTS	FY2019	SW FUND BUDGET	Storm drain improvements at 530 Buttermilk Spring Road, and 674 E. Beverley Street	\$ 50,000
ARMSTRONG AVE- JIFFY MART- GRUBERT	FY2019	SW FUND BUDGET	Project is necessary to eliminate street drainage from discharging into rear yards and washing out gravel parking lot behind Jiffy Mart; project includes installation of new inlets on Armstrong Avenue and new storm piping from Armstrong Avenue down to Grubert Avenue	\$ 150,000
ENGLEWOOD DRIVE	FY2019	SW FUND BUDGET	Project includes large diameter piping from Churchville- Englewood out Englewood and Shutterlee Mill past Crestwood. Plans are complete. Revenue Sharing Grant awarded = \$725,000 to pay for stormwater, \$308,762 from StormWater Fund to pay for balance of project or apply for an additional Revenue Sharing Grant to complete this project	\$ 1,033,762
TAMS-CAROLINE-AUGUSTA	FY2019	SW FUND BUDGET	Improvements to the area include removing water from yards and some minor improvement to street drainage.	\$ 600,000
			TOTAL STORM WATER PROJECTS FY2019	\$ 1,833,762
FY2020				
TMDL PERMIT MANDATE IMPROVEMENT PROJECT- PEYTON CREEK (GYPSY HILL) STREAM RESTORATION	FY2020		Annual projects to improve storm water quality by reducing pollutant discharge of sediment, nitrogen, and phosphorus to meet TMDL requirements- total maximum daily load. Project includes restoring approximately 1,200 LF of Peyton Creek in Gypsy Hill Park including daylighting 300 LF of stream by removing existing culvert	\$ 1,200,000
			TOTAL STORM WATER PROJECTS FY2020	\$ 1,200,000
FY2021				
MISCELLANEOUS STORM DRAIN IMPROVEMENTS	FY2021		526 Robin Street, Albermarle Avenue/Churchville Avenue	\$ 50,000
			TOTAL STORM WATER PROJECTS FY2021	\$ 50,000

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STORM DRAIN PROJECTS NOT SCHEDULED OR FUNDED			
POCAHONTAS-CAMPBELL	FY2022	Higgs Drainage Study identified this project to mitigate runoff into buildings and yards of 10-15 properties/yards	\$ 800,000
HILLCREST STORM SEWER	NS/NF	Improve the storm drainage system in the area of Craig Drive, Audubon and Thomas Street as well as overland drainage in yard areas.	\$ 1,610,611
BAYLOR / GLEN / HENDREN	NS/NF	Construction of a storm drainage system from the Woodlee Terrace Apartments, down Baylor Street to tie into the existing Springhill Road System	\$ 1,783,963
202 YARDLEY SQUARE	NS/NF	Build up one side of the ditch along Augusta Street and extend it towards Baldwin Place Road to prevent runoff into yards at Yardley and Smithleigh	\$ 15,000
906 GREENVILLE AVENUE / KLINE'S ICE CREAM	NS/NF	Install drainage system to collect runoff at Grandon and Commodore and pipe to Greenville Avenue to prevent runoff and flooding	\$ 85,000
TAMS /WESTMORELAND	NS/NF	Install drainage system to collect runoff to prevent runoff flowing into residential yards	\$ 120,109
STOCKER / BELMORE /CHURCHVILLE	NS/NF	Replace existing undersized drains and put above ground drainage below ground	\$ 370,640
UPPER COLLEGE PARK	NS/NF	Project will incorporate a number of smaller drainage problems and remove water from properties that are routinely wet	\$ 2,190,664
EDGEWOOD / PARKWOOD	NS/NF	Storm drain to mitigate runoff into 10 properties' yards. Project is necessary before Tams/Westmoreland project can be built	\$ 350,000
CHESAPEAKE /ARMENTROUT / WEST BEVERLEY	NS/NF	Improve overland drainage in the area and eliminate a very bad ditch system along Birch Street	\$ 414,937
LIVIA PROPERTIES #2	NS/NF	Replace and reroute storm drain from its present location under the Livia Properties building to the northern side of the building	\$ 360,000
NEW STREET at the BEVERLEY	NS/NF	Flooding in the Beverley Building basement: Owner to install backflow preventer in floor drains and City to re-line storm drain and inlets	\$ 40,000
LEWIS STREET - BEARS AND BLANKETS	NS/NF	Install concrete retaining wall as a levee to prevent flood water from Peyton Creek from entering building	\$ 88,452
RED OAKS /FRONTIER	NS/NF	Install drainage system to prevent runoff into Frontier Museum and parking lot of Dice's Inn	\$ 112,255
MARKET / NEW / AUGUSTA	NS/NF	Install drainage system to collect runoff on Market Street	\$ 115,745
ORCHARD LANE 1808	NS/NF	Install inlet at LP of North Drive, 2 inlets in Orchard Lane and install connecting storm drains to existing MH to the east	\$ 75,000
SHEETS /BLAIR	NS/NF	Re-direct runoff into wooded area to prevent pooling of water in street	\$ 34,310
DRISCOLL	NS/NF	Collect and pipe runoff down Driscoll to Greenville Avenue	\$ 192,432

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ENGLEWOOD DRIVE STORM DRAIN- PHASE II (formerly- CHURCHVILLE AVE PHASE IV-B)	NS/NF	Second phase of storm drain construction	\$	1,207,954
LIVIA PROPERTIES #1	NS/NF	Install drainage system to collect runoff from Pierce Street to prevent washout of aggregate drive/parking area	\$	66,000
OAK RIDGE / COMMERCE	NS/NF	Install drainage system to collect runoff on Oak Ridge Circle and pipe runoff through 4 lots across Meadowbrook through 2 more lots and on to Commerce Road	\$	150,506
VALLEY VIEW /COLLEGE CIRCLE	NS/NF	Install drainage system to release water runoff into College Park Storm Sewer	\$	143,497
NORTH AUGUSTA ST 1603	NS/NF	Extend the storm sewer to an adequately sized storm drain near the intersection of Woodrow and Dogwood	\$	118,950
403 MARSHALL ROAD	NS/NF	Construct earth berm to prevent runoff from Crosscrest Section 2	\$	10,000
GUY STREET	NS/NF	Install inlet and storm drain and connect to existing system at Guy & Plunkett	\$	152,250
MULBERRY ST APARTMENTS	NS/NF	Install multiple drop inlets along Mulberry St at apartment entrance to eliminate ponding, construct storm pipe down along side apartment complex and connect to existing storm inlet on Miller St Apartments	\$	35,000
1011 E BEVERLEY ST	NS/NF	Replace/relocate existing storm drain in front yard and construct storm pipe down to existing storm system at 1005 E Beverley St	\$	50,000
307 ELM STREET	NS/NF	Install inlet at corner of parking lot and connect to existing storm system in Elm St	\$	25,000
108 BAYLOR STREET	NS/NF	Install inlet at low point in street to eliminate ponding, construct storm pipe between 106 & 108 Baylor St and outfall in rear yard	\$	14,000
77 WOODLEE ROAD	NS/NF	Convert existing storm manhole into drop inlet to eliminate ponding along street shoulder, regrade shoulder to provide positive drainage to inlet	\$	10,000
10 WESTON DRIVE	NS/NF	Construct asphalt berm along Weston Dr to Lambert St, install drop inlet at Lynnhaven/Lambert and connect to existing storm system just west of Lynnhaven/Lambert	\$	18,000
ALPINE ROAD/NORTH DRIVE	NS/NF	Construct storm culvert across Alpine Rd from northeast corner of intersection to southwest corner of the intersection	\$	20,000
MEADOWBROOK ROAD/N AUGUSTA STREET	NS/NF	Replace existing storm pipe crossing N Coalter St at 200 Meadowbrook Rd	\$	12,000
315 COLLEGE CIRCLE	NS/NF	Install inlet at low point in street to eliminate ponding, construct storm pipe between 313 & 315 College Cr and outfall in rear yard	\$	17,000
2704 KNOLLWOOD DRIVE	NS/NF	Reconstruct existing ditch through rear yard and remove existing concrete slab obstructing ditch flow	\$	15,000

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304 RAINBOW DRIVE	NS/NF	Install inlets upstream of 304 Rainbow Dr and connect to existing storm system at Rainbow/Windemere	\$	77,300
1617 BUICK STREET	NS/NF	Construct storm pipe from existing storm outfall in rear of house through rear yards and alleys to Packard St, install reverse drop inlet in Hays Ave	\$	60,000
1023 RIDGEMONT DRIVE	NS/NF	Install curb and gutter along Ridgemont Dr, install drop inlets to capture street drainage, construct storm pipe down thru rear yards to existing storm system at 1007 E Beverley St	\$	145,000
563 HILLTOP DRIVE	NS/NF	Install inlets upstream 563 Hilltop Dr, construct storm beyond curve in road and install reverse inlet	\$	35,000
415 G STREET	NS/NF	Install drop inlet at 415 G St and storm pipe down G St to Fourth St	\$	35,000
BURBANK STREET	NS/NF	Reconstruct entrance at Burbank St/Richmond Rd to provide positive drainage to existing inlets	\$	30,000
MASON ST - RANDOLPH STREET	NS/NF	Install multiple drop inlets in yard areas to eliminate wet areas; install underdrains to capture springs	\$	75,000
TOTAL STORMWATER PROJECTS NOT SCHEDULED / NOT FUNDED			\$	11,281,575
TMDL PERMIT MANDATE IMPROVEMENT PROJECTS NOT SCHEDULED OR FUNDED				
GREEN HILLS INDUSTRIAL PARK	FY2023	Annual projects to improve storm water quality by reducing pollutant discharge of sediment, nitrogen, and phosphorus to meet TMDL requirements- total maximum daily load. Project includes converting two existing dry detention basins into wet ponds with sediment forebays	\$	800,000
GYPSY HILL PARK GOLF COURSE	NS/NF	Install gravel filter & filter strip	\$	1,600
STAUNTON CROSSING STREAM RESTORATIONS	NS/NF	Restore approximately 4,000 LF of stream segments throughout the Staunton Crossing development	\$	4,000,000
VILLAGES - ASYLUM CREEK STREAM RESTORATION	NS/NF	Restore approximately 1,400 LF of Asylum Creek through the Villages at Staunton development	\$	1,400,000
GREENVILLE AVE & E HAMPTON ST (ADJACENT TO ASYLUM CREEK)	NS/NF	Construct a riparian buffer along Asylum Creek at Greenville/Hampton	\$	3,000
ROBERT E LEE HIGH SCHOOL STREAM RESTORATION	NS/NF	Restore approximately 1,000 LF of stream adjacent to Lee High School on N Coalter St	\$	1,000,000
CITY LIBRARY	NS/NF	Install filter strip and permeable pavers at City Library on Churchville Ave	\$	71,400
FIRE STATION 2	NS/NF	Convert existing extended detention basin at Fire Station 2 on Grubert St into a bio retention basin	\$	33,500
FIREHOUSE PARKING LOT	NS/NF	Construct bio retention basins and permeable pavers	\$	65,500

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GYPSY HILL PARK	NS/NF	Construct vegetated swale, two bio retention basins and grass swale	\$	147,700
NEW STREET PARKING LOT	NS/NF	Installing three filterra units and permeable pavers	\$	110,600
WHARF PARKING LOT	NS/NF	Install permeable pavers	\$	83,800
WATER FOUNTAIN PARK	NS/NF	Construct bio retention basin	\$	39,400
FIRE STATION 1	NS/NF	Installing a filterra unit, tree box, bio retention area and permeable pavers at Fire Station 1 on N Augusta St	\$	50,700
SALT STORAGE	NS/NF	Construct bio retention basin	\$	33,800
MONTGOMERY HALL PARK	NS/NF	Construct vegetated swale and bio retention basin	\$	143,700
THOMAS DIXON ELEMENTARY SCHOOL	NS/NF	Construct rainwater harvesting system on school building and two bio retention basins	\$	153,200
BESSIE WELLER ELEMENTARY SCHOOL	NS/NF	Construct two bio retention basins and upgrade existing bio retention basin	\$	155,800
HARDY PARKING LOT	NS/NF	Install permeable pavers	\$	68,000
GYPSY HILL GOLF COURSE (ADJACENT TO CANAAN STREET)	NS/NF	Construct infiltration basin	\$	13,000
SHELBURNE MIDDLE SCHOOL	NS/NF	Convert existing dry detention basin into a bio retention basin	\$	87,200
ROBERT E LEE HIGH SCHOOL	NS/NF	Construct two bio retention basins and install a rainwater harvesting system	\$	330,000
AUGUSTA STREET PARKING LOT	NS/NF	Install permeable pavers	\$	13,800
MCSWAIN ELEMENTARY SCHOOL	NS/NF	Install a rainwater harvesting system	\$	125,500
TOTAL TMDL PROJECTS NOT SCHEDULED / NOT FUNDED			\$	8,931,200
FY2017 - FY2021			\$	3,283,672
STORM WATER PROJECTS NOT SCHEDULED OR FUNDED			\$	11,281,575
TMDL PERMIT MANDATE IMPROVEMENT PROJECTS NOT SCHEDULED / NOT FUNDED			\$	8,931,200
TOTAL STORM WATER FUND PROJECTS			\$	23,496,447