

COUNTY COUNCIL OF WICOMICO COUNTY, MARYLAND

2017 Legislative Session

Legislative Day No. 25

Resolution No. 129-2017

Introduced by: The President of the Council at the Request of the County Executive

A RESOLUTION AMENDING THE WICOMICO COUNTY WATER AND SEWER PLAN TO PROVIDE FOR WATER AND SEWER SERVICE WITHIN THE TOWN OF SHARPTOWN'S MUNICIPAL GROWTH AREA.

WHEREAS, Title 9, Subtitle 5 of the Environment Article of the Annotated Code of Maryland requires the County to adopt a comprehensive plan dealing with water supply and sewerage systems, establishes the procedures governing the preparation and adoption of said plan, and provides for amendments and revisions thereto; and

WHEREAS, the Department of Public Works has received an application for an amendment to the Wicomico County Water and Sewer Plan; and

WHEREAS, the Department of Public Works has provided the notices required by Title 9, Section 9-503 of the Environment Article of the Annotated Code of Maryland and has submitted the County plan, revision, or amendment to each official planning agency that has jurisdiction in the County, including any comprehensive planning agency with areawide jurisdiction, for review and comment within a 30-day period for consistency with planning programs for the area; and

WHEREAS, the County Council conducted a public hearing on November 7, 2017 and received public comment thereon.

NOW, THEREFORE, BE IT RESOLVED, by the County Council of Wicomico County, Maryland, that Sections 3.3.5 and 4.2.5 as well as Tables 8 and 14 of the Wicomico County Water and Sewer Plan, as adopted and as amended to provide for water and sewer service within the Town of Sharptown's municipal growth area, as shown on Exhibit A-1, Exhibit A-2 and Exhibit B, attached hereto and made a part hereof.

BE IT FURTHER RESOLVED that within five working days of the adoption of this Resolution, it shall be transmitted to the County Executive for his approval by the Council Administrator.

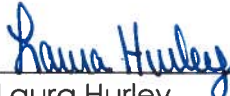
BE IT FURTHER RESOLVED that this Resolution shall take effect on the day it is approved by the County Executive.

BE IT FURTHER RESOLVED that upon the effective date of this Resolution, it shall be submitted to the Maryland Department of the Environment.

Done at Salisbury, Maryland, this 7th Day of November, 2017.

ATTEST:

COUNTY COUNCIL OF
WICOMICO COUNTY, MARYLAND



Laura Hurley,
Council Administrator




John T. Cannon,
Council President

Executed and presented to the County Executive for approval this 13th day of November, 2017 at 1:30 a.m./p.m.



Laura Hurley,
Council Administrator

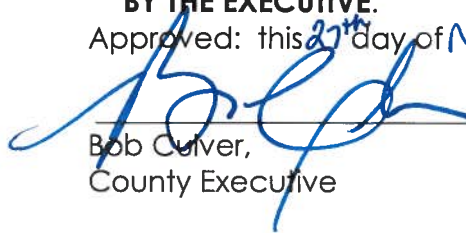
ATTEST:



R. Wayne Strausburg,
Director of Administration

BY THE EXECUTIVE:

Approved: this 2nd day of November, 2017.



Bob Culver,
County Executive

CERTIFICATION

This Resolution was Adopted , Adopted with Amendments ____, Failed ____, Withdrawn ____ by the County Council on November 7, 2017.

Certified by 

Laura Hurley, Council Administrator

TABLE 8
IMMEDIATE, 5, AND 10 YEAR PRIORITIES FOR WATER DEVELOPMENT

Fiscal Year and Project Number	County Priority Assigned	Coordinate Location	Description	Estimated Cost			Project Status	
				Total	Federal and/or State	Local	Immediate Priority Projects	5 and 10 Year Period Projects
Delmar								
2008-2012	W-3	N/A	Extension into other areas of proposed development					
2007-2013	W-4	N/A	Replacement of small mains throughout town					
Hebron								
2006-2016	W-5	N/A	Extension of distribution system to serve newly developed areas within town					
Sharptown								
2017	W-1	N/A	Water Treatment Plant Solar Project	\$425,000				
2017-2027	W-3	N/A	Watermain Extensions to Accommodate Future Growth					
2017-2027	W-5	N/A	Remove three 2" pipes at Dead Ends and Replace with 6" Pipes with Hydrants					
Willards								
None								
Pittsville								
2008-2012	W-3	N/A	Water Main Extensions to Accommodate Future Growth					
2008-2012	W-3	209,000 N 1,254,500 E	WTP Upgrades					

TABLE 14
IMMEDIATE, 5, AND 10 YEAR PRIORITIES FOR SEWERAGE DEVELOPMENT

Fiscal Year and Project Number	County Priority Assigned	Coordinate Location	Description	PL 660 Eligibility	Estimated Cost			Projected Schedule				
					Total	Federal and/or State	Local	Preliminary Plans	Final Plans	Start Construction	Complete Construction	
2010	S-3		WWTP Expansion									
Hebron												
2008-2018	S-5		Extend sewer to service existing and proposed residential units within and outside corporate									
Sharptown												
2017-2018	S-1		WWTP Blower Upgrades						2017	2018	2018	2018
2017-2018	S-1		WWTP Effluent Repairs						2017	2018	2018	2018
2017-2018	S-1		State Street Sewer Replacement									
2018-2019	S-2		Infiltration and Inflow						\$1,320,000	2017	2018	2018
2020-2021	S-4		Sharptown WWTP Upgrades						Anticipated	2018	2019	2022
Willards												
2016			Install Sand Filter at WWTP									
Pittsville												
2008-2012	S-3		Expansion of WWTP and extension of sewer service									

* Where applicable for both treatment facility and point of discharge location.
 ** Based on real dollar values.
 *** Month and year--for the last 5 years the "Construction Schedule Column" and need not be filled in.

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The collection system consists of an interceptor sewer along Water Street which receives the flow from the original collection system's two outfall sewers and transports it by gravity to a pumping station at the wastewater treatment facility on Little Water Street. The collection system consists of pipes varying between 6-inch and 12-inch in diameter throughout the developed sections of the service area. The pumping station was upgraded in 2013 and is equipped with two centrifugal pumps, each with a 350 gpm capacity above grade vacuum primed centrifugal pumps rated for 417 gallons per minute each.

Due to the age of sections within the collection system, considerable infiltration occurs throughout the system because of inadequate pipe joints in conjunction with a relatively high water table. Except for the pipe joints, the collection system is in relatively good condition and the existing system is considered adequate for collection of flows within the currently served areas. However, any extended demands for service outside the corporate limits will require an evaluation of the capacity of the collection system. A test and seal repair project was performed in the early 1980's. This project was funded by EPA and the State of Maryland. Significant infiltration sources were repaired. In the 1989, significant inflow/infiltration was again reported. Correction or treatment plant expansion is warranted.

The warranted. The wastewater treatment facility consists of a "package type" extended aeration unit located on Little Water Street with an outfall to the Nanticoke River. The average wastewater flows approximate 115,000 GPD with peak flows of about 150,000 GPD including residential, commercial and industrial flows. The majority of this additional flow is caused by defective sewer lines allowing infiltration and inflow to enter the sewerage system. The only significant industry, Block and Gugenheimer (B & G Food)

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is located within the corporate limits and discharges to the municipal sewerage system. The greatest flow from this industry occurs during washing of the "pickling vats", plus inflow from rainfall landing on the site however B & G may be relocating and thus its onsite lagoon may be converted into a stormwater management facility.

In order to avoid high surge flows, it is recommended that a surge tank be installed at the plant to spread these flows over a longer time and avoid possible overloading the treatment facility.

The Sharptown wastewater treatment facility is considered adequate for present demands, but its capacity and the capacity of the collection system is lower than it should be because of excess infiltration and potential growth. Taylor Street sewer requires replacement due to deterioration and improper size and slope.

The most current improvements to the plant include a new 28,000 gallon sludge holding tank in 1990 and a de-chlorination tank with post-aeration in 1988.

~~Table 14 summarizes the 5 to 10 year priority items proposed for expanding/improving the current sewer collection and treatment system. These improvements include Plant upgrades and effluent line repairs for the Wastewater Treatment Plant (WWTP), Inflow/Infiltration Study, and sewer line replacement. These improvements should enable the town to be in compliance with the requirements of their NPDES Permit. Any extension of the sewerage distribution system into undeveloped areas would be scheduled as these areas develop. Currently this project would fall within the S-2 category.~~