



RESOLUTION NO. 594

A RESOLUTION of the County Council of Dorchester County amending the 2004 Dorchester County Comprehensive Water and Sewer Plan (the "Plan") by revising the text of Chapter 3, Water, 3.3 Water Service Area, Section 3.3.14, Linkwood (District 14), and by modifying Table 3-5, Immediate, 5 and 10 Year Priorities for Water Development. The amendment will update the identification and description of Dorchester County Sanitary District No. 2 as it refers to the Bonnie Brook water service area, and also update the table as it refers to Sanitary District No. 2 and the Bonnie Brook water system.

WHEREAS, State law mandates that all Maryland counties adopt a Comprehensive Water and Sewer Master Plan; and

WHEREAS, Dorchester County adopted its most current Plan on March 16, 2004; and

WHEREAS, a request was filed by the Dorchester County Sanitary District (the "applicant") on behalf of the Bonnie Brook subdivision, to amend the aforementioned text and table to reflect the repair and replacement of existing treatment equipment, controls, and water meters for the Bonnie Brooke water system; and

WHEREAS, the water system is a looped design of six and eight inch pipes delivering chlorinated water to approximately 303 people and 117 approved lots, with a current water demand of about 39,000 gallons per day during months of maximum demand, and with the purpose of the improvements to provide redundancy of equipment and to modernize controls; and

WHEREAS, on December 7, 2016 the Dorchester County Planning Commission certified that the proposed amendment(s) is consistent with the Dorchester County Comprehensive Plan and recommends approval; and

WHEREAS, the County Council of Dorchester County, having held a public hearing on this matter on February 21, 2017 and having given careful consideration to the matter, voted unanimously to adopt the proposed amendment(s).

NOW, THEREFORE, the County Council of Dorchester County does hereby amend the Dorchester County 2004 Comprehensive Water and Sewer Plan, as set forth on the attached exhibits.

Adopted this 21st day of February, 2017.

Attested by:



Jeremy Goldman
County Manager

The County Council
of Dorchester County



Ricky Travers

William V. Nichols



Tom Bradshaw



Rick Price



Don Satterfield

APPENDIX D

LIBERO 006 FOLIO 941

REQUEST FOR AMENDMENT TO THE
DORCHESTER COUNTY WATER AND SEWERAGE PLAN

Mail or Present Completed Application to:

Dorchester County Planning and Zoning
P.O. Box 107
Cambridge, MD 21613

A. Type of Amendment Map Text

1. Map Amendment

a. Sewer: From N/A To N/A
b. Water: From N/A To N/A
c. Other: _____
d. Map number(s) to be changed: N/A

2. Text Amendment: Section and page number(s) to be
changed: 3-29, 3-30, and 3-52

B. Character of Amendment:

Addition Deletion Change

C. Property Identification:

1. Tax Map/Block/Parcel number 0031, 0022, 0085
2. Election District 1 Zoning District 14
3. Critical Areas Yes LDA Designation No

D. Description and Purpose of Change

1. Name of Project or Subdivision Bonnie Brook
2. Location, including Road name 5501 Mallard Lane
3. Approximate population served 303
4. Other Purpose is to provide redundancy of equipment and modernize controls

E. Estimated Design and Construction Costs \$539,000

F. Estimated Design/Construction Dates 6/1/17 - 6/1/18

G. Applicants Name, Address, Phone _____ Dorchester County Sanitary District _____ P.O. Box 444 _____ Cambridge, MD 21613 _____ _____	H. Owners Name, Address, Phone _____ Dorchester County Sanitary District _____ P.O. Box 444 _____ Cambridge, MD 21613 _____ _____
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I. If property is located within the corporate limits of a municipality, or if the parcel(s) referenced above are proposed to be served by a municipality's water supply or sewerage system, the Municipal Planning Commission certifies that the requested amendment is consistent with the municipality's comprehensive plan.

N/A _____ Certifier's Name & Title	N/A _____ Date
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J. Signatures



 Applicant

11/15/16

 Date



 Owner

11/15/16

 Date

Instructions:

1. Complete all applicable sections of this form.
2. A copy of the proposed revised map and/or text must be attached to each application.
3. Sixteen (16) sets of this application, including attachments, must be submitted to the Office of Planning and Zoning before it is processed.
4. Attach the application fee (\$125.00) to the application.
5. Applications are accepted biannually and due no later than May 15th and November 15th.
6. For map amendments, the following categories apply:

- | | |
|----------------------------|--|
| W1, S1 | Service existing or planned within two years |
| W2, S2 | Service planned within two to five years |
| W3, S3 | Service planned within five to ten years |
| No designated service area | No service planned within ten years |

3.3.14 Linkwood (District 14)

The Linkwood District of 22.3 square miles is located just east of Cambridge and straddles U.S. Route 50. Farming and woodland predominate in the area, however, its proximity to Cambridge has led to development of many suburban dwellings and small businesses. The Cambridge Airport and four manufactured home parks are located in the area.

In 2000, population of the Linkwood District was 2,698 making it the third most populous District in the County. Population almost doubled in the period between 1960 and 1970, but increased less dramatically in the last 30 years. Growth in the area is expected to continue.

Domestic water use in the District is estimated to be 259,000 gpd. In addition, the Eastern Shore Rendering Company at Linkwood uses about 25,000 gallons a day from two wells and Diversey, Inc. north of Jacktown, has purchased one of the Rotork Company (plant closed) wells capable of pumping 80,000 gpd. The principal aquifer in the Linkwood District is the Piney Point Aquifer generally reached at depths of 405 to 540 feet. Wells also penetrate the shallower Calvert Aquifer and Choptank Aquifer at approximate depths of 300 and 150 feet respectively. All industrial and community wells in the District are located in the Piney Point Aquifer.

Dorchester County Sanitary District No. 2 is located in the Linkwood area at the Bonnie Brook subdivision as shown on Exhibit 3-D. Bonnie Brook has two wells and a 10,000 gallon hydropneumatic storage tank (installed under a HUD grant to replace the old defective tank). Pumping capacity is 80,000 gpd. All water is chlorinated and distributed through a looped system of eight and six inch pipes. The system provides ~~94~~ 117 services with an estimated population of ~~320~~ 303. Current water demand is about 39,000 gallons per day **during the month**

of maximum demand. This is a growing community with 117 approved lots. Water for firefighting must be pumped from Hurst Creek since the system is inadequate for fire protection.

Beaver Run is a Mobile Home Park development with a privately owned community water system served by four wells and an 850 gallon hydropneumatic tank and 500 gallon chlorine detention tank. Water is chlorinated before distribution through a looped system of 2" and 2.5" pipe. The system provides service to 56 existing units and 33 additional lots. Average flows are 9,800 gpd.

Bay Country Mobile Home Park on Bucktown Road has a privately owned community water system drawing on two wells in the Piney Point Aquifer for system supply. Water from one well is stored in hydrocells while a 1500 gallon hydropneumatic tank provides storage for the other well. Water is treated before distribution through a series of three inch and two inch mains to 145 developed lots. Average flows are 6,500 gpd.

Linkwood Manor Mobile Home Park has a privately owned community water system drawing on one well in the Piney Point aquifer for system supply. Water from the well is stored in a 2,250 gallon hydropneumatic tank. Water is injected with chlorine and distributed to the system through 2", 3" and 4" mains. The allocated flows are 16,000 GPD (average) and 28,800 GPD (maximum month) based on a 65 unit mobile home park. Presently only 7 lots are in service. Plans are being developed to obtain approval for approximately 185 additional mobile home units. This facility is classified as W-1.

Dorchester Mobile Home Village on U.S. Route 50 uses water from the Piney Point Aquifer to supply water to a privately owned community water system. Water is taken from one

**Table 3-5
Immediate, 5 and 10 Year Priorities for Water Development**

Project Name & Description	Location Md. Coord. North/East	Estimated Cost			Projected Years To Completion	Remarks
		Total	Fed. and/or State	Local		
D. Williamsburg, District 12						
1. Settlement around St. Mary's-- central water system required	307,000 1,130,000	120,000	120,000			Grant funds required
2. Milligantown--central water system required	302,000 1,128,000	60,000	60,000			Grant funds required
E. Hurlock, District 15						
1. Bobtown--central water system required	300,000 1,124,000	80,000	80,000		No plan	Grant funds required
2. Abandon Thompson Street Well		10,000	10,000		1-2	Grants needed
3. Industrial park water main extension to replace Oak St. site		60,000			1-2	Grants needed
4. Additional town well and treatment to replace Oak St. site		391,000			1-2	Grants needed
5. Neilson to Broad St. loop		90,000			1-2	Grants needed
6. Travers Ave. loop		80,000			1-2	Private developer or grants
7. Industrial park storage tank		675,000			1-2	Grants needed
8. Water main extension to wastewater treatment plant "G"		50,000			1-2	Grants needed
9. Md. Rt. 307 water extension					No plan	
F. Linkwood, District 14						
1. San. Dist.#2, Bonnie Brook Provide storage, treatment equipment, hydrants, and pumps Replace treatment equipment, controls, and water meters		\$539,000			No plan 1-2	Grant funding required