

COUNTY COUNCIL OF CECIL COUNTY, MARYLAND
LEGISLATIVE SESSION DAY 2018-07

RESOLUTION NO. 17-2018

Title of Resolution: Master Water and Sewer Plan – Tables – Wastewater Treatment Plants – Elk Neck State Park

Synopsis: A Resolution to amend the Cecil County Master Water and Sewer Plan, Appendix B, Tables in order to revise Table 10 Inventory of Existing Select Wastewater Treatment Plants, to reflect a proposed upgrade in the type of treatment at Elk Neck State Park.

Introduced by: Council President on behalf of the Land Use and Development Services

Introduced, read first time, and ordered posted on: April 3, 2018

Public hearing scheduled for: May 1, 2018 at: 7:00 p.m.

Scheduled for consideration: May 15, 2018

By: James Massey
Council Manager

PUBLIC HEARING

Notice of time and place of public hearing and title of Resolution, having been posted by April 3, 2018 at the County Administration Building, 200 Chesapeake Blvd., Elkton, and having been published according to the Charter on April 18, 2018 and April 25, 2018, a public hearing was held on May 1, 2018 and concluded on May 1, 2018.

By: James Massey
Council Manager

Explanation: CAPITAL LETTERS INDICATE LANGUAGE ADDED TO EXISTING DOCUMENT
~~Strike through~~ indicates language deleted from existing document
Underlining indicates language added to document by amendment.
~~Double Strike through~~ indicates language stricken from document by amendment.

Master Water and Sewer Plan – Tables - Waste Water Treatment Plants – Elk Neck State Park

1 **WHEREAS**, the Environment Article of the Annotated Code of Maryland requires the County to have
2 a Master Water & Sewer Plan and provides for the administration, enforcement, and amendment of Plan;
3 and

4 **WHEREAS**, an amendment has been proposed to the Master Water & Sewer Plan, to amend Table
5 10, Inventory of Existing Wastewater Treatment Plants for the Elk Neck State Park indicated as Appendix 1;
6 and

7 **WHEREAS**, the Maryland Environmental Service operates the wastewater treatment facility at Elk
8 Neck State Park; and

9 **WHEREAS**, the Maryland Environmental Services has requested that Table 10 be amended to reflect
10 their plans to upgrade the wastewater treatment plant at Elk Neck State Park on January 18, 2018; and

11 **WHEREAS**, the Maryland Department of the Environment is requiring the Maryland Environmental
12 Services to amend the Master Water and Sewer Plan to reflect this upgrade before their proposal can
13 proceed; and

14 **WHEREAS**, the existing wastewater treatment plant at Elk Neck State Park is designed for secondary
15 level treatment and is permitted to discharge an average of 60,000 gallons per day; and

16 **WHEREAS**, the current flows average 15,000 to 20,000 gallons per day, but weekend and holiday
17 flows can be much higher; and

18 **WHEREAS**, the original plant was constructed in the 1970's, and the plant was upgraded with a new
19 flow equalization tank, a new influent pumping station, improvements to the existing treatment equipment,
20 and a new emergency generator in 2006; and

21 **WHEREAS**, although the treatment plant produces a secondary level effluent and is in compliance
22 with the current National Pollutant Discharge Elimination System (NPDES) permit, the Maryland
23 Environmental Services and the State of Maryland propose a higher level of treatment than is required by
24 the permit in order to upgrade the facility to an Enhanced Nutrient Removal (ENR) level of treatment at the
25 same design capacity of 60,000 gallons per day; and

26 **WHEREAS**, the architectural engineer will develop and analyze ENR treatment alternatives including
27 membrane bioreactors (MBR) technology, sequencing batch reactors (SBRs) with denitrification filters and
28 multi-staged activated sludge; and

29 **WHEREAS**, the Planning Commission held a public hearing on the proposed changes on

30 Master Water and Sewer Plan – Tables - Waste Water Treatment Plants – Elk Neck State Park
31 March 19, 2018 and recommended approval, with the table being consistent with the 2011 Comprehensive
32 Plan.

33 **NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE COUNTY COUNCIL OF CECIL COUNTY,**
34 **MARYLAND,** that amendment to Table 10. Inventory of Existing Select Wastewater Treatment Plants, Elk
35 Neck State Park of the Master Water & Sewer Plan, as indicated by Appendix 1 is hereby adopted.

36 **BE IT FURTHER RESOLVED BY THE COUNTY COUNCIL OF CECIL COUNTY, MARYLAND,** that this table
37 amendment shall be submitted to the Maryland Department of the Environment for its approval, pursuant
38 to section 9-507 of the Environment Article of the Annotated Code of Maryland.

39 **AND, BE IT FURTHER RESOLVED BY THE COUNTY COUNCIL OF CECIL COUNTY, MARYLAND,** that this
40 Resolution shall take effect on the date of its passage.

INTRODUCED: April 3, 2018

ADOPTED: May 15, 2018

ATTEST: James Massey
Council Manager

Joyce Bawlsheep
President of the Council

Table 10
Inventory of Existing Select Wastewater Treatment Plants

Location	Type of Treatment	Point of Discharge	Existing Capacity (MGD)	ADF (MGD)	Planned Abandonment	Owner
Elk Neck State Park (MES is the current operator)	Membrane bioreactor, sequencing batch reactor, denitrification filters, multi-staged activated sludge processes, Bardenpho	Elk River	0.060	0.020	none	State DNR