

HOUSE BILL 1045

M3

7lr1880

By: **Delegate Cassilly**

Introduced and read first time: February 8, 2017

Assigned to: Environment and Transportation

Committee Report: Favorable with amendments

House action: Adopted

Read second time: March 8, 2017

CHAPTER _____

1 AN ACT concerning

2 **On-Site Sewage Disposal Systems – Membrane Bioreactor (MBR) Technology –**
3 **Regulations**

4 FOR the purpose of requiring the Department of the Environment, on or before a certain
5 date ~~and for a certain purpose, to adopt regulations that~~, to propose certain
6 regulations that encourage the use of certain treatment technologies in on-site
7 sewage disposal systems for nonresidential uses; requiring certain regulations
8 adopted by the Department to update certain evaluation criteria and increase a
9 certain hydraulic loading rate; and generally relating to on-site sewage disposal
10 systems for nonresidential uses.

11 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,
12 That:

13 (a) On or before ~~October 1, 2018~~ January 1, 2019, the Department of the
14 Environment shall ~~adopt~~ propose regulations that encourage the use ~~in on-site sewage~~
15 ~~disposal systems~~ of permeable micro- or ultra-filtration membrane bioreactor (MBR) or
16 other treatment technology technologies in on-site sewage disposal systems for
17 nonresidential uses that:

18 (1) ~~is~~ meet the Department's guidelines for use of class IV reclaimed water;
19 and

20 (2) are more effective than the Best Available Technology for Removal of
21 Nitrogen (BAT) approved by the Department, ~~and~~

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

Underlining indicates amendments to bill.

~~Strike out~~ indicates matter stricken from the bill by amendment or deleted from the law by amendment.



1 ~~(2) uses permeable micro- or ultra-filtration membrane technology for~~
2 ~~solids separation instead of gravity separation/sedimentation or conventional media~~
3 ~~filtration systems such as sand or cloth.~~

4 (b) The regulations required under subsection (a) of this section shall:

5 (1) update the evaluation criteria used in reviewing the design of an
6 on-site sewage disposal system for a nonresidential use and determining whether a sewage
7 disposal area is appropriately sized; and

8 (2) increase the maximum hydraulic loading rate that may be considered
9 to 2.5 gallons per day per square foot (gpd/ft²) for a nonresidential system using MBR
10 technology and adjusted based on site-specific factors, including nutrient reduction
11 requirements, percolation rates, and other site conditions and constraints.

12 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect July
13 1, 2017.

Approved:

Governor.

Speaker of the House of Delegates.

President of the Senate.