

SENATE BILL 496

M3

8lr0694
CF 8lr2069

By: **Senators Ready, Bates, Hough, and Salling**

Introduced and read first time: January 29, 2018

Assigned to: Education, Health, and Environmental Affairs

Committee Report: Favorable with amendments

Senate action: Adopted

Read second time: February 27, 2018

CHAPTER _____

1 AN ACT concerning

2 **Environment – ~~Greywater~~ Graywater – Residential Use**

3 FOR the purpose of authorizing a person to use a certain amount of ~~greywater~~ graywater
4 per day for certain residential purposes under certain circumstances and in
5 accordance with certain requirements; requiring the Department of the
6 Environment to adopt certain regulations; defining a certain term; and generally
7 relating to the residential use of ~~greywater~~ graywater.

8 BY adding to

9 Article – Environment

10 Section 9–1112

11 Annotated Code of Maryland

12 (2014 Replacement Volume and 2017 Supplement)

13 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,
14 That the Laws of Maryland read as follows:

15 **Article – Environment**

16 **9–1112.**

17 **(A) IN THIS SECTION:**

18 **(1) “~~GREYWATER~~ GRAYWATER” MEANS USED, UNTREATED WATER**
19 **GENERATED BY THE USE OF AND COLLECTED FROM:**

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 (I) ~~A CLOTHES WASHING MACHINE;~~

2 ~~(II)~~ A SHOWER;

3 ~~(III)~~ (II) A BATHTUB; OR

4 ~~(IV)~~ (III) A LAVATORY SINK; AND

5 (2) "~~GREYWATER~~ GRAYWATER" DOES NOT INCLUDE WATER FROM:

6 (I) A TOILET;

7 (II) A KITCHEN SINK; OR

8 (III) A DISHWASHING MACHINE.

9 (B) (1) SUBJECT TO PARAGRAPH (2) OF THIS SUBSECTION, AND
 10 FOLLOWING THE ADOPTION OF REGULATIONS AS REQUIRED BY SUBSECTION (C) OF
 11 THIS SECTION, A PERSON MAY USE UP TO 400 GALLONS OF ~~GREYWATER~~ GRAYWATER
 12 PER DAY FOR ~~THE FOLLOWING~~ RESIDENTIAL PURPOSES INCLUDING:

13 (I) HOUSEHOLD GARDENING;

14 (II) COMPOSTING;

15 (III) LAWN WATERING;

16 (IV) LANDSCAPE IRRIGATION; OR

17 (V) FLUSHING OF A CONVENTIONAL TOILET OR URINAL.

18 (2) A PERSON MAY USE ~~GREYWATER~~ GRAYWATER IF THE USE IS
 19 PERMITTED UNDER REGULATIONS REQUIRED BY SUBSECTION (C) OF THIS SECTION,
 20 AND:

21 (I) THE ~~GREYWATER~~ GRAYWATER ORIGINATES FROM A
 22 RESIDENCE ON THE SITE ON WHICH THE ~~GREYWATER~~ GRAYWATER IS TO BE
 23 APPLIED;

24 (II) THE ~~GREYWATER~~ GRAYWATER IS CONTAINED IN A STORAGE
 25 TANK THAT IS LOCATED ON THE SITE ON WHICH THE ~~GREYWATER~~ GRAYWATER IS TO
 26 BE APPLIED;

1 (III) HUMAN CONTACT WITH ~~GREYWATER~~ GRAYWATER AND SOIL
2 IRRIGATED BY ~~GREYWATER~~ GRAYWATER IS AVOIDED;

3 (IV) SURFACE APPLICATION OF ~~GREYWATER~~ GRAYWATER IS
4 NOT USED FOR IRRIGATION OF FOOD PLANTS THAT HAVE AN EDIBLE PORTION THAT
5 COMES IN DIRECT CONTACT WITH ~~GREYWATER~~ GRAYWATER;

6 (V) THE ~~GREYWATER~~ GRAYWATER DOES NOT CONTAIN
7 HAZARDOUS CHEMICALS DERIVED FROM ANY ACTIVITY, INCLUDING:

8 1. CLEANING MOTOR VEHICLE PARTS;

9 2. WASHING GREASY OR OILY RAGS; OR

10 3. DISPOSING OF WASTE SOLUTIONS FROM HOME
11 PHOTO LAB ACTIVITIES OR SIMILAR HOBBYIST OR HOME OCCUPATIONAL
12 ACTIVITIES;

13 (VI) THE APPLICATION OF ~~GREYWATER~~ GRAYWATER IS
14 MANAGED TO MINIMIZE STANDING WATER ON THE SURFACE OF THE GROUND;

15 (VII) THE ~~GREYWATER~~ GRAYWATER SYSTEM IS CONSTRUCTED TO
16 PROVIDE FOR OVERFLOW INTO A SEWERAGE SYSTEM OR AN ON-SITE SEWAGE
17 DISPOSAL SYSTEM;

18 (VIII) FOR A ~~GREYWATER~~ GRAYWATER STORAGE TANK LOCATED
19 OUTDOORS, THE ~~GREYWATER~~ GRAYWATER STORAGE TANK IS COVERED TO
20 RESTRICT ACCESS AND TO ELIMINATE HABITAT FOR MOSQUITOES AND OTHER
21 VECTORS;

22 (IX) THE ~~GREYWATER~~ GRAYWATER SYSTEM IS LOCATED
23 OUTSIDE THE 100-YEAR FLOODPLAIN;

24 (X) THE ~~GREYWATER~~ GRAYWATER SYSTEM IS OPERATED TO
25 MAINTAIN A MINIMUM VERTICAL SEPARATION OF AT LEAST 5 FEET FROM THE POINT
26 OF ~~GREYWATER~~ GRAYWATER APPLICATION TO THE TOP OF THE SEASONALLY HIGH
27 GROUNDWATER TABLE;

28 (XI) ANY PRESSURE PIPING USED IN A ~~GREYWATER~~ GRAYWATER
29 SYSTEM THAT MAY BE SUSCEPTIBLE TO CROSS CONNECTION WITH A POTABLE
30 WATER SYSTEM CLEARLY INDICATES THAT THE PIPING DOES NOT CARRY POTABLE
31 WATER;

1 (XII) ~~GREYWATER~~ GRAYWATER APPLIED BY SURFACE
 2 IRRIGATION DOES NOT CONTAIN WATER USED TO WASH DIAPERS OR SIMILARLY
 3 SOILED OR INFECTIOUS GARMENTS ~~UNLESS THE GREYWATER IS DISINFECTED~~
 4 ~~BEFORE IRRIGATION;~~

5 (XIII) SURFACE IRRIGATION BY ~~GREYWATER~~ GRAYWATER IS
 6 CONDUCTED ONLY BY FLOOD IRRIGATION OR DRIP IRRIGATION IF THERE IS
 7 ADEQUATE IRRIGATION AREA;

8 (XIV) ~~THE GREYWATER~~ GRAYWATER IS NOT SPRAYED; AND

9 (XV) THE GRAYWATER DOES NOT RUN OFF OR POND ON-SITE;

10 (XVI) THE GRAYWATER DOES NOT CREATE NUISANCE
 11 CONDITIONS;

12 ~~(XV)~~ (XVII) ~~THE GREYWATER~~ GRAYWATER USE IS IN
 13 ACCORDANCE WITH ANY APPLICABLE STATE AND LOCAL LAWS OR REGULATIONS,
 14 INCLUDING STATE AND LOCAL PLUMBING CODES.

15 (C) THE DEPARTMENT SHALL ADOPT REGULATIONS TO IMPLEMENT THE
 16 PROVISIONS OF THIS SECTION.

17 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect
 18 October 1, 2018.

Approved:

Governor.

President of the Senate.

Speaker of the House of Delegates.