

SENATE BILL 496

M3

(8lr0694)

ENROLLED BILL

— *Education, Health, and Environmental Affairs/Environment and Transportation* —

Introduced by **Senators Ready, Bates, Hough, and Salling**

Read and Examined by Proofreaders:

Proofreader.

Proofreader.

Sealed with the Great Seal and presented to the Governor, for his approval this

_____ day of _____ at _____ o'clock, _____ M.

President.

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)

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.

Italics indicate opposite chamber/conference committee amendments.



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

3 **Article – Environment**

4 **9–1112.**

5 (A) IN THIS SECTION:

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

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

9 ~~(H)~~ A SHOWER;

10 ~~(HH)~~ (II) A BATHTUB; OR

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

12 (2) “~~GREYWATER~~ GRAYWATER” DOES NOT INCLUDE WATER FROM:

13 (I) A TOILET;

14 (II) A KITCHEN SINK; OR

15 (III) A DISHWASHING MACHINE.

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

20 (I) HOUSEHOLD GARDENING;

21 (II) COMPOSTING;

22 (III) LAWN WATERING;

23 (IV) LANDSCAPE IRRIGATION; OR

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

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

4 **(I) THE ~~GREYWATER~~ GRAYWATER ORIGINATES FROM A**
5 **RESIDENCE ON THE SITE ON WHICH THE ~~GREYWATER~~ GRAYWATER IS TO BE**
6 **APPLIED;**

7 **(II) THE ~~GREYWATER~~ GRAYWATER IS CONTAINED IN A STORAGE**
8 **TANK THAT IS LOCATED ON THE SITE ON WHICH THE ~~GREYWATER~~ GRAYWATER IS TO**
9 **BE APPLIED;**

10 **(III) HUMAN CONTACT WITH ~~GREYWATER~~ GRAYWATER AND SOIL**
11 **IRRIGATED BY ~~GREYWATER~~ GRAYWATER IS AVOIDED;**

12 **(IV) SURFACE APPLICATION OF ~~GREYWATER~~ GRAYWATER IS**
13 **NOT USED FOR IRRIGATION OF FOOD PLANTS THAT HAVE AN EDIBLE PORTION THAT**
14 **COMES IN DIRECT CONTACT WITH ~~GREYWATER~~ GRAYWATER;**

15 **(V) THE ~~GREYWATER~~ GRAYWATER DOES NOT CONTAIN**
16 **HAZARDOUS CHEMICALS DERIVED FROM ANY ACTIVITY, INCLUDING:**

17 1. **CLEANING MOTOR VEHICLE PARTS;**

18 2. **WASHING GREASY OR OILY RAGS; OR**

19 3. **DISPOSING OF WASTE SOLUTIONS FROM HOME**
20 **PHOTO LAB ACTIVITIES OR SIMILAR HOBBYIST OR HOME OCCUPATIONAL**
21 **ACTIVITIES;**

22 **(VI) THE APPLICATION OF ~~GREYWATER~~ GRAYWATER IS**
23 **MANAGED TO MINIMIZE STANDING WATER ON THE SURFACE OF THE GROUND;**

24 **(VII) THE ~~GREYWATER~~ GRAYWATER SYSTEM IS CONSTRUCTED TO**
25 **PROVIDE FOR OVERFLOW INTO A SEWERAGE SYSTEM OR AN ON-SITE SEWAGE**
26 **DISPOSAL SYSTEM;**

27 **(VIII) FOR A ~~GREYWATER~~ GRAYWATER STORAGE TANK LOCATED**
28 **OUTDOORS, THE ~~GREYWATER~~ GRAYWATER STORAGE TANK IS COVERED TO**
29 **RESTRICT ACCESS AND TO ELIMINATE HABITAT FOR MOSQUITOES AND OTHER**
30 **VECTORS;**

31 **(IX) THE ~~GREYWATER~~ GRAYWATER SYSTEM IS LOCATED**
32 **OUTSIDE THE 100-YEAR FLOODPLAIN;**

1 (X) ~~THE GREYWATER~~ GRAYWATER SYSTEM IS OPERATED TO
2 MAINTAIN A MINIMUM VERTICAL SEPARATION OF AT LEAST 5 FEET FROM THE POINT
3 OF ~~GREYWATER~~ GRAYWATER APPLICATION TO THE TOP OF THE SEASONALLY HIGH
4 GROUNDWATER TABLE;

5 (XI) ANY PRESSURE PIPING USED IN A ~~GREYWATER~~ GRAYWATER
6 SYSTEM THAT MAY BE SUSCEPTIBLE TO CROSS CONNECTION WITH A POTABLE
7 WATER SYSTEM CLEARLY INDICATES THAT THE PIPING DOES NOT CARRY POTABLE
8 WATER;

9 (XII) ~~GREYWATER~~ GRAYWATER APPLIED BY SURFACE
10 IRRIGATION DOES NOT CONTAIN WATER USED TO WASH DIAPERS OR SIMILARLY
11 SOILED OR INFECTIOUS GARMENTS ~~UNLESS THE GREYWATER IS DISINFECTED~~
12 ~~BEFORE IRRIGATION;~~

13 (XIII) SURFACE IRRIGATION BY ~~GREYWATER~~ GRAYWATER IS
14 CONDUCTED ONLY BY FLOOD IRRIGATION OR DRIP IRRIGATION IF THERE IS
15 ADEQUATE IRRIGATION AREA;

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

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

18 (XVI) THE GRAYWATER DOES NOT CREATE NUISANCE
19 CONDITIONS;

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

23 (C) THE DEPARTMENT SHALL ADOPT REGULATIONS TO IMPLEMENT THE
24 PROVISIONS OF THIS SECTION.

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