

SENATE BILL 930

M3
SB 942/24 – EEE

5lr2333
CF HB 1296

By: **Senator Gile**

Introduced and read first time: January 28, 2025

Assigned to: Education, Energy, and the Environment

Committee Report: Favorable with amendments

Senate action: Adopted

Read second time: March 9, 2025

Returned to second reading: March 14, 2025

Senate action: Adopted with floor amendments

Read second time: March 14, 2025

CHAPTER _____

1 AN ACT concerning

2 **Environment – Managed Aquifer Recharge Pilot Program – Establishment**

3 FOR the purpose of prohibiting a person from performing groundwater augmentation
4 except under certain circumstances; establishing the Managed Aquifer Recharge
5 Pilot Program; authorizing the Department of the Environment to review, permit,
6 and regulate ~~a process to test the use of treated reclaimed water from a~~
7 ~~demonstration facility as a source for~~ groundwater augmentation under certain
8 circumstances; and generally relating to the Managed Aquifer Recharge Pilot
9 Program.

10 BY repealing and reenacting, with amendments,
11 Article – Environment
12 Section 1–601(a)
13 Annotated Code of Maryland
14 (2013 Replacement Volume and 2024 Supplement)

15 BY repealing and reenacting, without amendments,
16 Article – Environment
17 Section 7–201(a), (j), and (l), 9–101(a), (b), (e), and (g), and 9–301(a), and (f), and (h)
18 Annotated Code of Maryland
19 (2014 Replacement Volume and 2024 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.



1 BY adding to
2 Article – Environment
3 Section 9–303.4
4 Annotated Code of Maryland
5 (2014 Replacement Volume and 2024 Supplement)

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

8 **Article – Environment**

9 1–601.

10 (a) Permits issued by the Department under the following sections shall be issued
11 in accordance with this subtitle:

12 (1) Air quality control permits to construct subject to § 2–404 of this article;

13 (2) Permits to install, materially alter, or materially extend landfill
14 systems, incinerators for public use, or rubble landfills subject to § 9–209 of this article;

15 (3) Permits to discharge pollutants to waters of the State issued pursuant
16 to § 9–323 of this article;

17 (4) Permits to install, materially alter, or materially extend a structure
18 used for storage or distribution of any type of sewage sludge issued, renewed, or amended
19 pursuant to § 9–234.1 or § 9–238 of this article;

20 (5) Permits to own, operate, establish, or maintain a controlled hazardous
21 substance facility issued pursuant to § 7–232 of this article;

22 (6) Permits to own, operate, or maintain a hazardous material facility
23 issued pursuant to § 7–103 of this article;

24 (7) Permits to own, operate, establish, or maintain a low–level nuclear
25 waste facility issued pursuant to § 7–233 of this article; **[and]**

26 (8) Potable reuse permits issued in accordance with § 9–303.2 of this
27 article; **AND**

28 **(9) MANAGED AQUIFER RECHARGE PILOT PERMITS ISSUED IN**
29 **ACCORDANCE WITH § 9–303.4 OF THIS ARTICLE.**

30 7–201.

31 (a) In this subtitle the following words have the meanings indicated.

1 (j) “Federal act” means the Comprehensive Environmental Response,
2 Compensation, and Liability Act of 1980, as amended through January 1, 2003.

3 (l) “Hazardous substance” means any substance:

4 (1) Defined as a hazardous substance under § 101(14) of the federal act; or

5 (2) Identified as a controlled hazardous substance by the Department in
6 the Code of Maryland Regulations.

7 9–101.

8 (a) In this title the following words have the meanings indicated.

9 (b) “Discharge” means:

10 (1) The addition, introduction, leaking, spilling, or emitting of a pollutant
11 into the waters of this State; or

12 (2) The placing of a pollutant in a location where the pollutant is likely to
13 pollute.

14 (e) “Industrial user” means:

15 (1) A person who is engaged in manufacturing, fabricating, or assembling
16 goods; or

17 (2) A member of any class of significant producers of pollutants identified
18 under rules or regulations adopted by:

19 (i) The Secretary; or

20 (ii) The administrator of the United States Environmental
21 Protection Agency.

22 (g) “Pollutant” means:

23 (1) Any waste or wastewater that is discharged from:

24 (i) A publicly owned treatment works; or

25 (ii) An industrial source; or

26 (2) Any other liquid, gaseous, solid, or other substance that will pollute any
27 waters of this State.

28 9–301.

1 (a) In this subtitle the following words have the meanings indicated.

2 (f) “Reclaimed water” means sewage that:

3 (1) Has been treated to a high quality suitable for various reuses; and

4 (2) Has a concentration of less than:

5 (i) 3 fecal coliform colonies per 100 milliliters;

6 (ii) 10 milligrams per liter of 5–day biological oxygen demand; and

7 (iii) 10 milligrams per liter of total suspended solids.

8 (h) (1) “Sewerage system” means:

9 (i) The channels used or intended to be used to collect and dispose
10 of sewage; and

11 (ii) Any structure and appurtenance used or intended to be used to
12 collect or prepare sewage for discharge into the waters of this State.

13 (2) “Sewerage system” includes any sewer of any size.

14 (3) “Sewerage system” does not include the plumbing system inside any
15 building served by the sewerage system.

16 **9–303.4.**

17 (A) (1) **IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS**
18 **INDICATED.**

19 (2) **“AQUIFER” MEANS A GEOLOGIC FORMATION, GROUP OF**
20 **FORMATIONS, OR PART OF A FORMATION THAT IS CAPABLE OF YIELDING A**
21 **SIGNIFICANT AMOUNT OF WATER TO A WELL OR SPRING.**

22 (3) **“CONFINED AQUIFER” MEANS AN AQUIFER UNDER PRESSURE**
23 **FROM A RELATIVELY IMPERVIOUS LAYER OF MATERIAL LAYING ABOVE THE**
24 **AQUIFER.**

25 ~~(2)~~ (4) **“DEMONSTRATION FACILITY” MEANS AN ADVANCED WATER**
26 **TREATMENT FACILITY APPROVED UNDER A MANAGED AQUIFER RECHARGE PERMIT**
27 **TO TREAT RECLAIMED WATER FOR USE AS A SOURCE FOR TESTING GROUNDWATER**
28 **AUGMENTATION.**

1 **(5) "GROUNDWATER AUGMENTATION" MEANS THE INJECTION OF**
2 **RECLAIMED WATER INTO AN AQUIFER FOR ANY PURPOSE THAT IS NOT DISCHARGE.**

3 **(6) "HAZARDOUS SUBSTANCE" HAS THE MEANING STATED IN § 7-201**
4 **OF THIS ARTICLE.**

5 ~~**(3) (7) "MANAGED AQUIFER RECHARGE PERMIT" MEANS A PERMIT**~~
6 ~~**ISSUED BY THE DEPARTMENT TO AUTHORIZE AND REGULATE THE TREATMENT AND**~~
7 ~~**UNDERGROUND INJECTION OF TREATED RECLAIMED WATER FOR THE PURPOSE OF**~~
8 ~~**TESTING THE FEASIBILITY OF AND REQUIREMENTS FOR SAFELY CONDUCTING FOR**~~
9 ~~**GROUNDWATER AUGMENTATION.**~~

10 ~~**(4) "PFAS CHEMICALS" MEANS PER AND POLYFLUOROALKYL**~~
11 ~~**SUBSTANCES.**~~

12 ~~**(5) (8) "PILOT PROGRAM" MEANS THE MANAGED AQUIFER**~~
13 ~~**RECHARGE PILOT PROGRAM.**~~

14 **(B) EXCEPT AS OTHERWISE PROVIDED IN THIS SECTION, A PERSON MAY NOT**
15 **PERFORM GROUNDWATER AUGMENTATION.**

16 **(C) THERE IS A MANAGED AQUIFER RECHARGE PILOT PROGRAM IN THE**
17 **DEPARTMENT.**

18 ~~**(D) (1) THE PURPOSE OF THE PILOT PROGRAM IS TO AUTHORIZE,**~~
19 ~~**THE TESTING OF THE REGULATED REGULATE, AND EVALUATE THE USE OF TREATED**~~
20 ~~**RECLAIMED WATER AS A SOURCE FOR GROUNDWATER AUGMENTATION THROUGH**~~
21 ~~**THE ISSUANCE OF MANAGED AQUIFER RECHARGE PERMITS.**~~

22 **(2) THE DEPARTMENT MAY NOT ISSUE MORE THAN ONE MANAGED**
23 **AQUIFER RECHARGE PERMIT UNDER THE PILOT PROGRAM.**

24 ~~**(E) (4) THE DEPARTMENT MAY REVIEW, PERMIT, AND REGULATE A**~~
25 ~~**PROCESS TO TEST THE USE OF TREATED RECLAIMED WATER FROM A**~~
26 ~~**DEMONSTRATION FACILITY AS A SOURCE FOR GROUNDWATER AUGMENTATION**~~
27 ~~**THROUGH A MANAGED AQUIFER RECHARGE PERMIT IF THE DEPARTMENT**~~
28 ~~**DETERMINES THAT:**~~

29 ~~**(1) THE DEMONSTRATION FACILITY GROUNDWATER**~~
30 ~~**AUGMENTATION WILL ADDRESS A GROUNDWATER SUPPLY OR QUALITY PROBLEM**~~
31 ~~**THAT IS OCCURRING OR REASONABLY ANTICIPATED TO OCCUR IN THE NEXT 25**~~
32 ~~**YEARS, INCLUDING LAND SUBSIDENCE OR SALTWATER INTRUSION;**~~

1 ~~(H)~~ (2) THE PROPOSED LOCATION OF THE DEMONSTRATION
2 FACILITY IS SUITABLE ~~TO INFORM THE EVENTUAL LOCATION OF A FULL-SCALE OR~~
3 FOR LONG-TERM IMPLEMENTATION ~~SITE~~ OF GROUNDWATER AUGMENTATION;

4 ~~(H)~~ (3) THE RECLAIMED WATER WILL BE TREATED AT ~~A~~ THE
5 DEMONSTRATION FACILITY TO MEET OR SURPASS THE FOLLOWING REQUIREMENTS:

6 ~~I.~~ (I) PRIMARY AND SECONDARY MAXIMUM ~~CONTAINMENT~~
7 CONTAMINANT LEVELS ESTABLISHED BY:

8 ~~A.~~ ~~THE U.S. ENVIRONMENTAL PROTECTION AGENCY~~
9 ~~UNDER 40 C.F.R. §§ 141 AND 143; AND~~

10 ~~B.~~ ~~THE DEPARTMENT UNDER COMAR 26.04.01~~ THE
11 U.S. ENVIRONMENTAL PROTECTION AGENCY OR THE DEPARTMENT;

12 (II) AT LEAST THREE SEPARATE TREATMENT PROCESSES THAT
13 INCLUDE:

14 1. OXIDATION TREATMENT;

15 2. TREATMENT FOR REMOVAL OF PATHOGENS ~~AT THE~~
16 ~~WASTEWATER TREATMENT STAGE AND ADVANCED WATER TREATMENT STAGE~~ THAT,
17 IN TOTAL, MEETS OR EXCEEDS:

18 A. 12 LOG FOR ENTERIC VIRUS REDUCTION;

19 B. 10 LOG FOR GIARDIA CYST REDUCTION; AND

20 C. 10 LOG CRYPTOSPORIDIUM OOCYST REDUCTION; AND

21 3. FOR GROUNDWATER AUGMENTATION IN A CONFINED
22 AQUIFER:

23 A. REVERSE OSMOSIS; AND

24 B. TREATMENT TO ENSURE THAT TOTAL ORGANIC
25 CARBON DOES NOT EXCEED 0.5 MILLIGRAMS PER LITER BASED ON A 20-WEEK
26 RUNNING AVERAGE OF ALL TOTAL ORGANIC CARBON RESULTS AND THE AVERAGE
27 OF THE FOUR MOST RECENT TOTAL ORGANIC CARBON TEST RESULTS; AND

28 ~~(III)~~ ~~MAXIMUM CONCENTRATIONS OF PFAS CHEMICALS~~
29 ~~ESTABLISHED BY THE DEPARTMENT AND SPECIFIED IN ANY PRIMARY DRINKING~~
30 ~~WATER REGULATIONS ESTABLISHED BY THE U.S. ENVIRONMENTAL PROTECTION~~

~~1 AGENCY IN A FINAL RULEMAKING UNDER THE FEDERAL SAFE DRINKING WATER~~
~~2 ACT TREATMENT FOR REMOVAL OF ANY HAZARDOUS SUBSTANCE IN THE~~
~~3 RECLAIMED WATER THAT DOES NOT HAVE A MAXIMUM CONTAMINANT LEVEL OR~~
~~4 EFFLUENT LIMIT ESTABLISHED BY THE U.S. ENVIRONMENTAL PROTECTION~~
~~5 AGENCY OR THE DEPARTMENT TO A QUANTITATIVE LEVEL THAT IS BASED ON~~
~~6 PUBLIC HEALTH CRITERIA;~~

~~(iv)~~ (4) THE ~~TREATED~~ RECLAIMED WATER WILL UNDERGO
TESTING AND REPORTING TO VERIFY THAT THE REQUIREMENTS ~~OF ITEM (III)~~ OF
THIS ~~PARAGRAPH~~ SUBSECTION ARE MET;

~~(v)~~ (5) THE APPLICANT HAS CONDUCTED AN ANALYSIS TO
EVALUATE ALTERNATIVES TO ~~AQUIFER RECHARGE~~ GROUNDWATER
AUGMENTATION;

~~(vi)~~ (6) THE APPLICANT HAS IN PLACE A DETAILED TESTING
AND MONITORING PLAN TO DEMONSTRATE FACILITY PERFORMANCE AND
GROUNDWATER COMPATIBILITY DURING ~~UNDERGROUND INJECTION~~
GROUNDWATER AUGMENTATION, INCLUDING ESTABLISHING PARAMETERS FOR
~~AUTHORIZING UNDERGROUND INJECTIONS AND REQUIRING~~ ALTERNATIVE
METHODS OF USE OR ~~DISPOSAL~~ DISCHARGE WHEN THE INJECTION PARAMETERS
ARE NOT MET;

~~(vii)~~ (7) THE APPLICANT HAS IDENTIFIED ALL WELLS THAT
WITHDRAW WATER FROM WITHIN 2 YEARS OF TRAVEL TIME FOR THE WATER FROM
THE LOCATION WHERE GROUNDWATER AUGMENTATION IS PROPOSED AND HAS
EVALUATED THE POTENTIAL IMPACT TO THOSE WELLS;

(8) THE APPLICANT HAS IDENTIFIED ALL INDUSTRIAL USERS THAT
DISCHARGE TO THE SEWERAGE SYSTEM FROM WHICH THE RECLAIMED WATER IS
RECEIVED AND THE POLLUTANTS IN EACH INDUSTRIAL USER'S DISCHARGE;

(9) THE APPLICANT HAS PERFORMED A HYDROGEOLOGICAL
INVESTIGATION THAT INCLUDES:

(i) A DESCRIPTION OF THE GEOLOGIC AND
HYDROGEOLOGICAL SETTING OF THE PORTION OF THE AQUIFER THAT MAY BE
AFFECTED BY GROUNDWATER AUGMENTATION;

(ii) A DETAILED DESCRIPTION OF THE STRATIGRAPHY
BENEATH THE PROJECT;

(iii) A MAP OF THE EXISTING HYDROGEOLOGY AND THE
HYDROGEOLOGY ANTICIPATED AS A RESULT OF THE GROUNDWATER

1 AUGMENTATION BASED ON AT LEAST FOUR ROUNDS OF CONSECUTIVE QUARTERLY
2 MONITORING;

3 (IV) A MAP SHOWING QUARTERLY GROUNDWATER ELEVATION
4 CONTOURS, VECTOR FLOW DIRECTIONS, AND CALCULATED HYDRAULIC GRADIENTS
5 USE AT LEAST FOUR ROUNDS OF CONSECUTIVE QUARTERLY MONITORING;

6 (V) A MAP SHOWING THE LOCATION AND BOUNDARIES OF THE
7 PROJECT AND THE ZONE OF POTENTIAL DRINKING WATER WELL CONSTRUCTION;
8 AND

9 (VI) A SUMMARY OF THE RESULTS FROM AT LEAST FOUR
10 GROUNDWATER SAMPLES WITH AT LEAST ONE SAMPLE COLLECTED DURING EACH
11 QUARTER FROM EACH POTENTIALLY AFFECTED AQUIFER THAT INCLUDES TOTAL
12 NITROGEN, TOTAL ORGANIC CARBON, AND AN ANALYSIS OF ANY OTHER
13 CONSTITUENT REQUESTED BY THE DEPARTMENT;

14 (10) THE APPLICANT HAS SUBMITTED A MITIGATION PLAN TO
15 ADDRESS ENVIRONMENTAL AND SAFE DRINKING WATER RISKS THAT INCLUDES A
16 PLAN TO PROVIDE AN ALTERNATIVE DRINKING WATER SOURCE TO WELL USERS WHO
17 MAY BE AFFECTED BY THE GROUNDWATER AUGMENTATION ON A TEMPORARY OR
18 PERMANENT BASIS;

19 (11) THE APPLICANT IDENTIFIES THE LOCATIONS WHERE AT LEAST
20 TWO MONITORING WELLS WILL BE INSTALLED THAT ARE NOT LESS THAN 14 DAYS
21 AND NOT MORE THAN 180 DAYS OF TRAVEL TIME DOWNGRAIENT FROM THE
22 INJECTION WELL AND AT LEAST 30 DAYS OF TRAVEL TIME UPGRADIENT FROM THE
23 NEARING DRINKING WATER WELL;

24 (12) THE APPLICANT SUBMITS A DETAILED OPERATION AND
25 MAINTENANCE PLAN TO THE DEPARTMENT;

26 ~~(VII)~~ (13) THE APPLICANT GIVES THE DEPARTMENT THE RIGHT
27 OF ENTRY ON THE PERMIT SITE AT ANY REASONABLE TIME TO INSPECT OR
28 INVESTIGATE FOR A VIOLATION OR ANY POTENTIAL VIOLATION OF THE MANAGED
29 AQUIFER RECHARGE PERMIT;

30 ~~(X)~~ (14) THE PROCESS INCLUDES APPROPRIATE
31 RECORD-KEEPING REQUIREMENTS; AND

32 ~~(X)~~ (15) THE PROCESS COMPLIES WITH ALL OTHER
33 APPLICABLE STATUTORY AND REGULATORY REQUIREMENTS.

~~(2) THE DEPARTMENT MAY APPROVE THE USE BY A DEMONSTRATION FACILITY OF ANY DRINKING WATER TREATMENT TECHNOLOGIES THAT HAVE THE CAPABILITY TO MEET THE REQUIREMENTS OF PARAGRAPH (1)(H) OF THIS SUBSECTION, INCLUDING NONMEMBRANE TREATMENT SYSTEMS.~~

~~(E)~~ (F) (1) THE DEPARTMENT MAY INCLUDE IN A MANAGED AQUIFER RECHARGE PERMIT ANY TERM, CONDITION, OR REQUIREMENT THAT THE DEPARTMENT CONSIDERS APPROPRIATE TO PROTECT PUBLIC HEALTH OR THE ENVIRONMENT.

(2) THE REQUIREMENTS OF A MANAGED AQUIFER RECHARGE PERMIT ARE SUPPLEMENTAL TO AND DO NOT OVERRIDE ANY OTHER LAW, REGULATION, PERMIT, ORDER, OR DECREE.

(3) THE PROVISIONS OF TITLE 1, SUBTITLE 6 OF THIS ARTICLE SHALL GOVERN THE ISSUANCE OF MANAGED AQUIFER RECHARGE PERMITS.

(4) IN ADDITION TO THE NOTICE REQUIRED IN TITLE 1, SUBTITLE 6 OF THIS ARTICLE, AN APPLICANT SHALL SEND WRITTEN NOTICE OF THE APPLICATION FOR A MANAGED AQUIFER RECHARGE PERMIT TO EACH OWNER OF A PROPERTY CONTAINING A WELL IDENTIFIED IN SUBSECTION (E)(7) OF THIS SECTION.

(5) A MANAGED AQUIFER RECHARGE PERMIT SHALL INCLUDE A REQUIREMENT TO:

(I) INITIATE A TRACER STUDY WITHIN 3 MONTHS AFTER THE DATE ON WHICH INJECTIONS BEGIN IN ORDER TO VERIFY THE RECLAIMED WATER'S RETENTION TIME IN THE AQUIFER UNDER HYDRAULIC CONDITIONS THAT ARE REPRESENTATIVE OF NORMAL OPERATIONS AT THE DEMONSTRATION FACILITY; AND

(II) SUBMIT THE RESULTS OF THE TRACER STUDY TO THE DEPARTMENT AS SOON AS PRACTICABLE AFTER THE COMPLETION OF THE TRACER STUDY.

(G) THE DEPARTMENT SHALL ACCEPT APPLICATIONS FOR MANAGED AQUIFER RECHARGE PERMITS FROM JANUARY 2, 2026, TO JANUARY 3, 2028, BOTH INCLUSIVE.

~~(F)~~ (H) A SUCCESSFUL APPLICATION FOR A MANAGED AQUIFER RECHARGE PERMIT SHALL:

(1) DEMONSTRATE TO THE SATISFACTION OF THE DEPARTMENT:

1 (I) THE ABILITY TO COMPLY WITH THE REQUIREMENTS OF
2 THIS SECTION;

3 (II) THE APPLICANT'S AVAILABLE FUNDING FOR THE
4 CONSTRUCTION AND OPERATION OF THE DEMONSTRATION FACILITY AND
5 IMPLEMENTATION OF ANY CONTINGENCY OR EMERGENCY PLAN;

6 (III) THE TECHNICAL AND ADMINISTRATIVE CAPACITY TO
7 ~~PERFORM THE PROCESS COVERED UNDER~~ COMPLY WITH THE PERMIT; AND

8 (IV) THAT ALL NECESSARY PLANNING AND ENGINEERING
9 DESIGN IS COMPLETE; AND

10 (2) INCLUDE ANY ADDITIONAL INFORMATION REQUESTED BY THE
11 DEPARTMENT.

12 ~~(C)~~ (I) THE DEPARTMENT MAY REFUSE TO ISSUE A MANAGED AQUIFER
13 RECHARGE PERMIT IF:

14 (1) THE APPLICANT FAILS TO PROVIDE ANY INFORMATION
15 REQUESTED BY THE DEPARTMENT;

16 (2) THE APPLICANT FAILS OR REFUSES TO ALLOW THE DEPARTMENT
17 TO INSPECT THE PERMIT SITE;

18 (3) THE DEPARTMENT FINDS THAT ISSUANCE OF THE PERMIT WOULD
19 VIOLATE ANY STATE OR FEDERAL LAW OR ANY REGULATION ADOPTED UNDER ANY
20 STATE OR FEDERAL LAW;

21 (4) THE SOURCE OF THE RECLAIMED WATER FAILS TO COMPLY WITH
22 ANY STATE OR FEDERAL LAW, ANY REGULATION ADOPTED UNDER ANY STATE OR
23 FEDERAL LAW, OR ANY PERMIT; ~~OR~~

24 (5) THE APPLICANT FAILS TO DEMONSTRATE COMPLIANCE WITH
25 THIS SECTION TO THE DEPARTMENT'S SATISFACTION; OR

26 (6) THE DEPARTMENT FINDS THAT THE PROPOSED GROUNDWATER
27 AUGMENTATION MAY CREATE AN UNREASONABLE RISK TO PUBLIC HEALTH, SAFETY,
28 OR THE ENVIRONMENT.

29 ~~(H)~~ (J) (1) A MANAGED AQUIFER RECHARGE PERMIT ISSUED UNDER
30 THE PILOT PROGRAM SHALL BE EFFECTIVE FOR ~~10~~ 5 YEARS FROM THE DATE OF
31 ISSUANCE.

1 (2) THE DEPARTMENT MAY RENEW A MANAGED AQUIFER RECHARGE
2 PERMIT FOR AN ADDITIONAL PERIOD ~~OR PERIODS~~ OF 5 YEARS FOLLOWING
3 ADMINISTRATIVE REVIEW BY THE DEPARTMENT AND SUBJECT TO THE PROVISIONS
4 OF TITLE 1, SUBTITLE 6 OF THIS ARTICLE.

5 ~~(H)~~ (K) THE DEPARTMENT MAY REVOKE A MANAGED AQUIFER
6 RECHARGE PERMIT ~~ISSUED UNDER THIS SECTION~~ IF THE DEPARTMENT FINDS THAT:

7 (1) THE APPLICATION INCLUDED FALSE OR INACCURATE
8 INFORMATION;

9 (2) CONDITIONS OR REQUIREMENTS OF THE PERMIT HAVE BEEN OR
10 ARE ABOUT TO BE VIOLATED;

11 (3) SUBSTANTIAL DEVIATION FROM PLANS, SPECIFICATIONS, OR
12 REQUIREMENTS HAS OCCURRED OR IS ABOUT TO OCCUR;

13 (4) THE DEPARTMENT IS REFUSED ENTRY TO ANY PREMISES FOR
14 THE PURPOSE OF ~~INSPECTING THE PROCESS~~ INSPECTION TO ENSURE COMPLIANCE
15 WITH THE PERMIT;

16 (5) A CHANGE IN CONDITIONS EXISTS THAT REQUIRES THE
17 PERMANENT REDUCTION OR ELIMINATION OF THE USE OF ~~TREATED RECLAIMED~~
18 ~~WATER FOR~~ GROUNDWATER AUGMENTATION;

19 (6) THERE IS ANY NONCOMPLIANCE WITH A DISCHARGE PERMIT,
20 PRETREATMENT STANDARD, OR ~~A~~ PRETREATMENT REQUIREMENT THAT MAY
21 AFFECT THE RECLAIMED WATER IN ANY MANNER;

22 (7) ANY STATE OR FEDERAL WATER QUALITY STANDARD OR
23 EFFLUENT LIMITATION HAS BEEN OR IS THREATENED TO BE VIOLATED;

24 (8) ANY STATE OR FEDERAL REQUIREMENT ESTABLISHED UNDER
25 THE FEDERAL SAFE DRINKING WATER ACT, THIS SUBTITLE, SUBTITLE 4 OF THIS
26 TITLE, OR TITLE 12 OF THIS ARTICLE HAS BEEN OR IS THREATENED TO BE
27 VIOLATED; OR

28 (9) THE TREATED RECLAIMED WATER MAY THREATEN PUBLIC
29 HEALTH, SAFETY, COMFORT, OR THE ENVIRONMENT.

30 ~~(J)~~ (L) (1) ON OR BEFORE SEPTEMBER 1 EACH YEAR, EACH HOLDER
31 OF A MANAGED AQUIFER RECHARGE PERMIT SHALL REPORT TO THE DEPARTMENT
32 ON:

1 (I) THE APPLIED SCIENTIFIC RESULTS OF ANY
 2 DEMONSTRATION FACILITY OR GROUNDWATER AUGMENTATION ACTIVITIES
 3 UNDERTAKEN UNDER THE PILOT PROGRAM; AND

4 (II) ANY RECOMMENDATIONS FOR THE PILOT PROGRAM BASED
 5 ON THE HOLDER'S EXPERIENCE IN THE PILOT PROGRAM.

6 (2) ON OR BEFORE DECEMBER 31 ~~EACH YEAR,~~ 2028, AND EACH
 7 DECEMBER 31 THEREAFTER, THE DEPARTMENT SHALL REPORT TO THE GOVERNOR
 8 AND, IN ACCORDANCE WITH § 2-1257 OF THE STATE GOVERNMENT ARTICLE, THE
 9 GENERAL ASSEMBLY ON:

10 (I) THE STATUS OF THE PILOT PROGRAM;

11 (II) ANY SCIENTIFIC RESULTS AND RECOMMENDATIONS
 12 REPORTED UNDER PARAGRAPH (1) OF THIS SUBSECTION;

13 (III) WHETHER THE PILOT PROGRAM SHOULD BE MODIFIED,
 14 EXTENDED, OR MADE PERMANENT; AND

15 (IV) ANY STATUTORY OR REGULATORY CHANGES THAT THE
 16 DEPARTMENT RECOMMENDS TO PERMANENTLY AUTHORIZE THE REGULATED USE
 17 OF TREATED RECLAIMED WATER AS A SOURCE FOR GROUNDWATER AUGMENTATION,
 18 IF APPROPRIATE.

19 ~~(K)~~ (M) THE DEPARTMENT MAY ADOPT REGULATIONS TO CARRY OUT
 20 THIS SECTION.

21 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect
 22 October 1, 2025. It shall remain effective for a period of 11 years and, at the end of
 23 September 30, 2036, this Act, with no further action required by the General Assembly,
 24 shall be abrogated and of no further force and effect.

Approved:

Governor.

President of the Senate.

Speaker of the House of Delegates.