Unofficial Copy M4

By: The Speaker (Administration) and Delegates Barve, Benson, Billings, Bobo, Busch, Clagett, Conroy, Crumlin, Cryor, Curran, Doory, Exum, Finifter, Franchot, Frush, Genn, Goldwater, Gordon, Healey, Heller, Howard, B. Hughes, Kagan, Kopp, Mandel, McIntosh, Menes, T. Murphy, Nathan-Pulliam, Oaks, Pendergrass, Perry, Petzold, Pitkin, Rosenberg, Shriver, Turner, and Valderrama Introduced and read first time: February 5, 1998

Assigned to: Environmental Matters

A BILL ENTITLED

1 AN ACT concerning

2

Water Quality Improvement Act of 1998

3 FOR the purpose of establishing an Animal Waste Technology Fund as a special, continuing, nonlapsing fund; authorizing the Department of Business and 4 5 Economic Development to provide financial assistance from the Fund for certain purposes; requiring certain commercial contract feed to contain certain 6 7 ingredients by a certain date; requiring each nutrient management plan to be 8 developed considering certain factors; requiring certain persons to have nutrient 9 management plans and comply with nutrient management plans by certain 10 dates; establishing certain penalties; authorizing the Department of the 11 Environment to take certain action against certain persons under certain 12 circumstances; requiring certain persons to be certified by the Department of 13 Agriculture as nutrient applicators under certain circumstances; establishing 14 certain requirements for certification and certain penalties for failure to be 15 certified; altering the membership of the Nutrient Management Advisory Committee; authorizing the Department of Agriculture to adopt certain 16 17 regulations; authorizing the Department of Agriculture to charge certain fees; requiring certain reports; authorizing the Department of the Environment to 18 adopt certain regulations to limit the size of swine farm operations; providing a 19 20 subtraction modification under the Maryland individual and corporate income 21 tax for certain expenses associated with the purchase of certain agricultural 22 machinery under certain conditions; providing that the subtraction may be 23 carried over to succeeding taxable years under certain circumstances; providing 24 for a tax credit under the Maryland individual and corporate income tax for 25 certain expenses associated with certain costs necessary to convert agricultural 26 production to a certain nutrient management plan under certain circumstances; 27 placing certain restrictions, conditions, and limits on the use of the tax credit; 28 providing that the tax credit may be carried over to succeeding taxable years 29 under certain circumstances; requiring an individual or corporation to receive a 30 certain certification from the Department of Agriculture and file proof of the

- 1 certification; defining certain terms; providing for the termination of certain
- 2 provisions of this Act; and generally relating to nutrient management and water
- 3 quality.
- 4 BY adding to
- 5 Article 83A Department of Business and Economic Development
- 6 Section 6-801 through 6-807, inclusive, to be under the new subtitle "Subtitle 8.
- 7 Animal Waste Technology Fund"
- 8 Annotated Code of Maryland
- 9 (1995 Replacement Volume and 1997 Supplement)
- 10 BY repealing and reenacting, without amendments,
- 11 Article Agriculture
- 12 Section 6-101(a), (d), and (e), 6-102, 6-113, 6-201(f), and 8-805
- 13 Annotated Code of Maryland
- 14 (1985 Replacement Volume and 1997 Supplement)
- 15 BY repealing and reenacting, with amendments,
- 16 Article Agriculture
- 17 Section 6-106
- 18 Annotated Code of Maryland
- 19 (1985 Replacement Volume and 1997 Supplement)
- 20 BY adding to
- 21 Article Agriculture
- 22 Section 6-107.1, 8-801.1, 8-803.1, 8-803.2, 8-803.3, 8-803.4, and 8-807
- 23 Annotated Code of Maryland
- 24 (1985 Replacement Volume and 1997 Supplement)
- 25 BY repealing and reenacting, with amendments,
- 26 Article Agriculture
- 27 Section 8-801 through 8-804, inclusive, and 8-806 to be under the amended
- 28 subtitle "Subtitle 8. Nutrient Management"
- 29 Annotated Code of Maryland
- 30 (1985 Replacement Volume and 1997 Supplement)
- 31 BY repealing and reenacting, without amendments,
- 32 Article Environment
- 33 Section 9-313
- 34 Annotated Code of Maryland
- 35 (1996 Replacement Volume and 1997 Supplement)
- 36 BY adding to
- 37 Article Environment

- 1 Section 9-325.1
- 2 Annotated Code of Maryland
- 3 (1996 Replacement Volume and 1997 Supplement)
- 4 BY repealing and reenacting, without amendments,
- 5 Article Tax General
- 6 Section 10-208(a) and 10-308(a)
- 7 Annotated Code of Maryland
- 8 (1997 Replacement Volume)

9 BY adding to

- 10 Article Tax General
- 11 Section 10-208(m) and 10-704.9
- 12 Annotated Code of Maryland
- 13 (1997 Replacement Volume)

14 BY repealing and reenacting, with amendments,

- 15 Article Tax General
- 16 Section 10-308(b)
- 17 Annotated Code of Maryland
- 18 (1997 Replacement Volume)

19 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF

20 MARYLAND, That the Laws of Maryland read as follows:

21 Article 83A - Department of Business and Economic Development

22

SUBTITLE 8. ANIMAL WASTE TECHNOLOGY FUND.

23 6-801.

24 (A) IN THIS SUBTITLE THE FOLLOWING WORDS HAVE THE MEANINGS 25 INDICATED.

26 (B) "ANIMAL WASTE TECHNOLOGY PROJECT" MEANS THE RESEARCH,
27 DEVELOPMENT, IMPLEMENTATION, OR MARKET DEVELOPMENT OF TECHNOLOGY
28 THAT IS INTENDED TO:

- 29 (1) REDUCE THE AMOUNT OF NUTRIENTS IN ANIMAL WASTE;
- 30 (2) ALTER THE COMPOSITION OF ANIMAL WASTE;
- 31 (3) DEVELOP ALTERNATIVE WASTE MANAGEMENT STRATEGIES; OR
- 32 (4) USE ANIMAL WASTE IN A PRODUCTION PROCESS.
- 33 (C) "FUND" MEANS THE ANIMAL WASTE TECHNOLOGY FUND.

1 (D) "PROGRAM" MEANS THE ORGANIZATIONAL UNIT IN THE DEPARTMENT 2 THAT ADMINISTERS THE ANIMAL WASTE TECHNOLOGY FUND.

3 6-802.

4 THE PURPOSE OF THE ANIMAL WASTE TECHNOLOGY FUND IS TO PROVIDE
5 FINANCIAL ASSISTANCE TO INDIVIDUALS AND BUSINESS ENTERPRISES THAT
6 CONDUCT RESEARCH OR DEVELOP TECHNOLOGIES THAT ARE INTENDED TO REDUCE
7 THE AMOUNT OF NUTRIENTS IN ANIMAL WASTE, ALTER THE COMPOSITION OF
8 ANIMAL WASTE, DEVELOP ALTERNATIVE ANIMAL WASTE MANAGEMENT
9 STRATEGIES, OR USE ANIMAL WASTE IN A PRODUCTION PROCESS. THE GOAL OF THE
10 FUND IS TO ENCOURAGE THE DEVELOPMENT AND IMPLEMENTATION OF
11 ECONOMICALLY FEASIBLE TECHNOLOGIES THAT HELP PROTECT THE PUBLIC
12 HEALTH AND THE ENVIRONMENT BY REDUCING THE AMOUNT OF NUTRIENTS FROM
13 ANIMAL WASTE THAT ARE RELEASED INTO STATE WATERS.

14 6-803.

15 (A) THERE IS AN ANIMAL WASTE TECHNOLOGY FUND IN THE DEPARTMENT.

16 (B) THE FUND IS A SPECIAL CONTINUING, NONLAPSING FUND NOT SUBJECT 17 TO § 7-302 OF THE STATE FINANCE AND PROCUREMENT ARTICLE.

18 (C) THE FUND MAY CONSIST OF:

19 (1) MONEYS APPROPRIATED BY THE STATE;

20 (2) MONEYS MADE AVAILABLE THROUGH FEDERAL PROGRAMS OR 21 PRIVATE CONTRIBUTIONS;

22 (3) INCOME FROM INVESTMENTS THAT THE STATE TREASURER MAKES 23 FROM MONEYS IN THE FUND;

24 (4) REPAYMENTS OF PRINCIPAL AND INTEREST FROM LOANS MADE 25 FROM THE FUND;

26 (5) INCOME FROM EQUITY INVESTMENTS THAT THE DEPARTMENT 27 MAKES FROM THE FUND;

(6) PROCEEDS FROM THE SALE, DISPOSITION, LEASE, OR RENTAL BY
THE DEPARTMENT OF COLLATERAL RELATED TO ANY FINANCING PROVIDED BY THE
DEPARTMENT UNDER THIS SUBTITLE;

31(7)APPLICATION OR OTHER FEES PAID TO THE PROGRAM IN32CONNECTION WITH THE PROCESSING OF REQUESTS FOR ASSISTANCE; AND

33 (8) ANY OTHER MONEYS MADE AVAILABLE TO THE FUND.

34 (D) THE PROGRAM MAY USE MONEYS IN THE FUND TO:

5	HOUSE BILL 502				
1 2	(1) PROVIDE FINANCIAL ASSISTANCE TO DEFRAY THE COSTS OF ANIMAL WASTE TECHNOLOGY PROJECTS; AND				
3 4	(2) PAY EXPENSES FOR ADMINISTRATIVE, ACTUARIAL, LEGAL, AND TECHNICAL SERVICES ASSOCIATED WITH OPERATING THE FUND.				
5	6-804.				
6	FINANCIAL ASSISTANCE PROVIDED FROM THE FUND MAY BE:				
7 8	(1) USED ONLY TO PAY THE COSTS OF CARRYING OUT AN ANIMAL WASTE TECHNOLOGY PROJECT; AND				
9	(2) IN THE FORM OF:				
10	(I) A GRANT;				
11	(II) A LOAN;				
12	(III) A LOAN GUARANTEE;				
13 14	(IV) A LOAN THAT IS CONVERTIBLE IN WHOLE OR IN PART TO A GRANT ON THE SATISFACTION OF SPECIFIED CONDITIONS; OR				
15	(V) AN EQUITY INVESTMENT.				
16	6-805.				
	17 (A) TO BE ELIGIBLE FOR ASSISTANCE FROM THE FUND, AN ANIMAL WASTE18 TECHNOLOGY PROJECT MUST HAVE STRONG POTENTIAL FOR:				
19	(1) IMPROVING THE PUBLIC HEALTH AND THE ENVIRONMENT;				
20	(2) PRESERVING THE VIABILITY OF THE AGRICULTURAL INDUSTRY; AND				
21 22	(3) HAVING A POSITIVE ECONOMIC DEVELOPMENT IMPACT IN THE STATE.				
24 25	 (B) IF THE AMOUNT OF FINANCIAL ASSISTANCE REQUESTED EXCEEDS THE AMOUNT OF MONEYS AVAILABLE IN THE FUND, THE PROGRAM SHALL GIVE PREFERENCE TO THE ANIMAL WASTE TECHNOLOGY PROJECTS THAT DEMONSTRATE THE GREATEST POTENTIAL FOR: 				
27	(1) IMPROVING THE PUBLIC HEALTH AND THE ENVIRONMENT;				
28	(2) PRESERVING THE VIABILITY OF THE AGRICULTURAL INDUSTRY; AND				
29 30	(3) HAVING A POSITIVE ECONOMIC DEVELOPMENT IMPACT IN THE STATE.				

1 6-806.

2 THE PROGRAM MAY IMPOSE TERMS AND CONDITIONS ON FINANCIAL3 ASSISTANCE PROVIDED FROM THE FUND.

4 6-807.

5 (A) THE STATE TREASURER SHALL HOLD THE FUND AND THE STATE 6 COMPTROLLER SHALL ACCOUNT FOR THE FUND.

7 (B) ANY INVESTMENT EARNINGS OF THE FUND SHALL BE PAID INTO THE 8 FUND.

9 SECTION 2. AND BE IT FURTHER ENACTED, That the Laws of Maryland 10 shall read as follows:

11

Article - Agriculture

12 6-101.

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

14 (d) "Commercial feed" means a material which is distributed for use as feed or 15 for mixing in feed for any animal, other than man, except:

16 (1) Unmixed and unprocessed whole seeds or meal made directly from 17 the entire seeds;

18 (2) Unground hay; or

19(3)Whole or ground straw, stover, silage, cobs, and hulls not mixed with20 any other material.

21 (e) "Contract feed" means a commercial feed which is formulated according to 22 an agreement between a distributor and a contract feeder.

23 6-102.

24 The State Chemist shall administer the provisions of this subtitle subject to the 25 supervision of the Secretary.

26 6-106.

(a) The Secretary shall sample, inspect, test and make analyses of commercial
feed distributed in the State at any time and place and to the extent the Secretary
considers necessary to ensure compliance with this subtitle.

30 (b) The Secretary shall adopt the methods of sampling and analysis from 31 sources, such as the journal of the Association of Official Analytical Chemists, or 32 methods that insure representative sampling and accurate examination.

1 (c) In determining for administrative purposes whether a commercial feed is 2 deficient in any component, the Secretary shall be guided solely by the official sample

3 obtained and analyzed as provided by this section.

4 (d) When inspection and analysis of an official sample indicates a commercial
5 feed is adulterated [or], misbranded, OR DOES NOT CONTAIN AN ENZYME OR OTHER
6 ADDITIVE OR BOTH IN ACCORDANCE WITH § 6-107.1 OF THIS SUBTITLE, the Secretary
7 shall forward the results of the analysis to the person who registers the product and
8 the person from whom the sample is taken. The Secretary shall furnish the
9 distributor with a portion of the sample concerned within 30 days if he requests it.

10 (e) The Secretary may enter on any public or private premises, including any 11 transportation vehicle, during regular business hours to obtain access to commercial 12 feeds or to records relating to their distribution.

13 6-107.1.

14 (A) BY JANUARY 1, 2000, ALL CONTRACT FEED THAT IS FED TO CHICKENS
15 MUST INCLUDE PHYTASE OR OTHER ENZYME OR ADDITIVE THAT REDUCES
16 PHOSPHORUS IN POULTRY WASTE, OR BOTH.

17 (B) THE SECRETARY SHALL ADOPT REGULATIONS THAT ESTABLISH:

18(1)THE APPROPRIATE LEVEL OF PHYTASE OR OTHER ENZYME OR19ADDITIVE TO BE INCLUDED IN CONTRACT FEED THAT IS FED TO CHICKENS; AND

20

(2) APPROPRIATE LABELING AND DISTRIBUTION REQUIREMENTS.

21 6-113.

(a) The Secretary may issue and enforce a written stop-sale order to the
owner, custodian, or distributor of any commercial feed that the Secretary finds is in
violation of any provision of this subtitle or regulation under this subtitle, or has been
found by federal or State authorities to cause unreasonable adverse effects to
humans, animals, or the environment.

(b) The order prohibits sale or distribution of the commercial feed until the28 Secretary has evidence that the feed is in compliance with the law and until the29 Secretary provides a written release from the stop-sale order.

30 (c) The Secretary may file a petition for condemnation in the circuit court of 31 the county in which the commercial feed is located. If the court finds the commercial 32 feed to be in violation of the provisions of this subtitle and orders the condemnation, 33 the commercial feed shall be disposed of in any manner consistent with the quality of 34 the commercial feed and the laws of the State. The court may not dispose of the 35 commercial feed without first giving the claimant an opportunity to apply to the court 36 for release of it or for permission to process or relabel the commercial feed so that it

37 complies with the provisions of this subtitle.

1 6-201.

2 (f) "Commercial fertilizer" means any substance containing a recognized plant 3 nutrient used for its plant nutrient content and designed for use or claimed to have 4 value in promoting plant growth, except unmanipulated animal and vegetable 5 manufer mark lime wood aches and gursum

5 manure, marl, lime, wood ashes, and gypsum.

6

Subtitle 8. Nutrient Management [Certification and Licensing].

7 8-801.

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

9 (B) "CERTIFIED NUTRIENT APPLICATOR" MEANS AN INDIVIDUAL WHO IS
10 CERTIFIED BY THE DEPARTMENT TO MANAGE THE APPLICATION OF ANIMAL WASTE,
11 COMMERCIAL FERTILIZER, SLUDGE, OR OTHER NUTRIENTS TO SOIL IN A MANNER
12 THAT PREVENTS POLLUTION AND MAINTAINS AGRICULTURAL PRODUCTIVITY.

13 [(b)] (C) "Certified nutrient management consultant" means an individual 14 certified by the Department to prepare a nutrient management plan.

15 [(c)] (D) "Nutrient management plan" means a plan prepared under this

16 subtitle by a certified nutrient management consultant to manage the amount,

17 placement, timing, and application of animal waste, commercial fertilizer, sludge, or

18 other plant nutrients to prevent pollution and to maintain productivity.

19 (E) "SOIL TEST" MEANS AN ANALYSIS OF THE SURFACE LAYER OF SOIL THAT 20 DETERMINES EXISTING LEVELS OF PLANT NUTRIENTS IN THE SOIL.

21 8-801.1.

22 (A) EACH NUTRIENT MANAGEMENT PLAN SHALL BE DEVELOPED 23 CONSIDERING FACTORS INCLUDING:

24 (1) EXISTING NITROGEN AND PHOSPHORUS LEVELS IN THE SOIL;

25 (2) LEVELS OF NITROGEN AND PHOSPHORUS IN ALL NUTRIENTS TO BE 26 APPLIED;

27 (3) REALISTIC CROP YIELD GOALS;

28 (4) SOIL ERODIBILITY;

29 (5) DISTANCE FROM WATERS OF THE STATE; AND

30 (6) THE BEST REASONABLE SCIENTIFIC METHODS ACCEPTED BY THE
 31 DEPARTMENT AND THE UNIVERSITY OF MARYLAND COOPERATIVE EXTENSION
 32 SERVICE.

33 (B) (1) EACH NUTRIENT MANAGEMENT PLAN SHALL BE FILED WITH THE 34 DEPARTMENT:

9		HOUSE BILL 502				
1	(I)	WHEN IT IS DEVELOPED; AND				
2	(II)	EACH TIME IT IS UPDATED.				
3 (2) 4 PLAN THAT M		EPARTMENT SHALL APPROVE EACH NUTRIENT MANAGEMENT REQUIREMENTS OF THIS SUBTITLE.				
5 (3) 6 MANAGEMEN 7 FILED, IT SHAI	F PLAN WI	E DEPARTMENT DOES NOT DISAPPROVE A NUTRIENT THIN 45 DAYS AFTER THE NUTRIENT MANAGEMENT PLAN IS MED APPROVED.				
	Γ PLAN FOI	EPARTMENT SHALL MAINTAIN A COPY OF EACH NUTRIENT R 3 YEARS IN A MANNER THAT PROTECTS THE IDENTITY OF HOM THE NUTRIENT MANAGEMENT PLAN WAS PREPARED.				
11 8-802.						
		AY NOT PREPARE A NUTRIENT MANAGEMENT PLAN UNLESS ED OR LICENSED BY THE STATE.				
	[(a)] (B) An individual may apply to the Department for certification as acertified nutrient management consultant.					
 [(b)] (C) A person engaged in the business of providing a nutrient management plan provided under this subtitle shall hold an annual license from the Department. 						
		MENT MAY IMPOSE A PENALTY NOT EXCEEDING \$250 FOR A VISIONS OF THIS SECTION.				
21 8-803.						
22 (a) To 23 applicant shall:	apply for cer	tification AS A NUTRIENT MANAGEMENT CONSULTANT, an				
24 (1) 25 Department requ		to the Department an application on the form the				
26 (2) 27 subtitle.	Pay to	the Department the certification fee stated in § 8-806 of this				
28 (b) The	Department	shall certify any individual who:				
29 (1)	Meets	the requirements of this subtitle;				
30 (2)	Meets	the Department's educational requirements;				
31 (3)	Passes	a Department approved examination; and				
32 (4)	(i)	Is employed by a person licensed under this subtitle; or				

10		HOUSE BILL 502				
1			(ii)	Holds a license as required by this subtitle.		
2	(c)	To appl	y for a lice	ense an applicant shall:		
3 4	Department	(1) requires;		o the Department an application on the form the		
5 6	this subtitle.	(2)	Pay to the	e Department the applicable license fee stated in § 8-806 of		
7 8	(d) subtitle.	The Department shall license a person who meets the requirements of this				
9 10	 (e) A certificate or license is issued for 1 year unless the certificate or license 0 is renewed as provided by this subtitle. 					
11 12	1 (f) The Department shall renew the certificate or license of any applicant for 2 an additional 1-year term if the applicant:					
13 14	requires;	(1)	Submits a	a renewal application on the form that the Department		
15 16	subtitle;	(2)	Pays to th	ne Department the applicable fee stated in § 8-806 of this		
17		(3)	Complies	s with applicable continuing education requirements; [and]		

COMPLIES WITH APPLICABLE RECORDKEEPING AND REPORTING 18 (4) 19 REQUIREMENTS; AND

20 [(4)] (5) Otherwise is entitled to be certified or licensed.

21 8-803.1.

22 BY JULY 1, 2000, A PERSON WHO OPERATES A FARM SHALL HAVE A (A) 23 NUTRIENT MANAGEMENT PLAN THAT MEETS THE REQUIREMENTS OF THIS 24 SUBTITLE.

BY JULY 1, 2002, A PERSON WHO OPERATES A FARM SHALL COMPLY WITH 25 **(B)** 26 A NUTRIENT MANAGEMENT PLAN THAT MEETS THE REQUIREMENTS OF THIS 27 SUBTITLE.

A PERSON WHO VIOLATES ANY PROVISION OF THIS SECTION OR OF ANY 28 (C) 29 RULE, REGULATION, OR ORDER ADOPTED OR ISSUED UNDER THIS SECTION IS 30 SUBJECT TO A CIVIL PENALTY NOT EXCEEDING \$500 TO BE COLLECTED IN A CIVIL 31 ACTION BROUGHT BY THE DEPARTMENT OF THE ENVIRONMENT IN CONSULTATION 32 WITH THE DEPARTMENT OF AGRICULTURE. EACH DAY A VIOLATION OCCURS IS A 33 SEPARATE VIOLATION UNDER THIS SUBSECTION.

34 (D) IN ADDITION TO ANY OTHER REMEDIES AVAILABLE AT LAW OR IN (1) 35 EQUITY AND AFTER AN OPPORTUNITY FOR A HEARING WHICH MAY BE WAIVED IN

1 WRITING BY THE PERSON ACCUSED OF A VIOLATION. THE DEPARTMENT OF 2 ENVIRONMENT IN CONSULTATION WITH THE DEPARTMENT OF AGRICULTURE MAY 3 IMPOSE A PENALTY FOR VIOLATION OF ANY PROVISION OF THIS SECTION OR ANY 4 RULE, REGULATION, ORDER, OR PERMIT ADOPTED OR ISSUED UNDER THIS SECTION. THE PENALTY IMPOSED ON A PERSON UNDER THIS SUBSECTION 5 (2)6 SHALL BE: (I) UP TO \$250 FOR EACH VIOLATION, BUT NOT EXCEEDING \$5,000 7 8 TOTAL: AND 9 (II) ASSESSED WITH CONSIDERATION GIVEN TO: 10 1. THE WILLFULNESS OF THE VIOLATION, THE EXTENT TO 11 WHICH THE EXISTENCE OF THE VIOLATION WAS KNOWN TO BUT UNCORRECTED BY 12 THE VIOLATOR. AND THE EXTENT TO WHICH THE VIOLATOR EXERCISED 13 REASONABLE CARE; 14 ANY ACTUAL HARM TO THE ENVIRONMENT OR TO HUMAN 2. 15 HEALTH, INCLUDING INJURY TO OR IMPAIRMENT OF THE USE OF THE WATERS OF 16 THIS STATE OR THE NATURAL RESOURCES OF THIS STATE; THE COST OF CLEANUP AND THE COST OF RESTORATION 17 3. 18 OF NATURAL RESOURCES; 19 THE NATURE AND DEGREE OF INJURY TO OR 4 20 INTERFERENCE WITH GENERAL WELFARE, HEALTH, AND PROPERTY; THE EXTENT TO WHICH THE LOCATION OF THE 21 5. 22 VIOLATION, INCLUDING LOCATION NEAR WATERS OF THIS STATE OR AREAS OF 23 HUMAN POPULATION, CREATES THE POTENTIAL FOR HARM TO THE ENVIRONMENT 24 OR TO HUMAN HEALTH OR SAFETY: 25 THE AVAILABLE TECHNOLOGY AND ECONOMIC 6. 26 REASONABLENESS OF CONTROLLING, REDUCING, OR ELIMINATING THE VIOLATION; 27 THE DEGREE OF HAZARD POSED BY THE PARTICULAR 7. 28 POLLUTANT OR POLLUTANTS INVOLVED; AND 29 THE EXTENT TO WHICH THE CURRENT VIOLATION IS 8. 30 PART OF A RECURRENT PATTERN OF THE SAME OR SIMILAR TYPE OF VIOLATION 31 COMMITTED BY THE VIOLATOR. EACH DAY A VIOLATION OCCURS IS A SEPARATE VIOLATION UNDER 32 (3) 33 THIS SUBSECTION. ANY PENALTY IMPOSED UNDER THIS SUBSECTION IS PAYABLE TO 34 (4) 35 THIS STATE AND COLLECTIBLE IN ANY MANNER PROVIDED AT LAW FOR THE

36 COLLECTION OF DEBTS.

1 (5) IF ANY PERSON WHO IS LIABLE TO PAY A PENALTY IMPOSED UNDER 2 THIS SUBSECTION FAILS TO PAY IT AFTER DEMAND, THE AMOUNT, TOGETHER WITH 3 INTEREST AND ANY COSTS THAT MAY ACCRUE, SHALL BE:

4 (I) A LIEN IN FAVOR OF THIS STATE ON ANY PROPERTY, REAL OR 5 PERSONAL, OF THE PERSON; AND

6 (II) RECORDED IN THE OFFICE OF THE CLERK OF COURT FOR THE 7 COUNTY IN WHICH THE PROPERTY IS LOCATED.

8 (E) IF A PERSON VIOLATES ANY PROVISION OF THIS SECTION, THE 9 DEPARTMENT MAY:

10(1)REGARDING ANY STATE COST-SHARING FUNDS UNDER SUBTITLE 711 OF THIS TITLE:

12 (I) REQUIRE REPAYMENT OF ANY FUNDS FOR A PROJECT STARTED 13 ON OR AFTER JULY 1, 1998; OR

14 (II) DENY OR RESTRICT FUTURE PAYMENT; AND

15 (2) LIMIT THE EXTENT OF THE PERSON'S FARM OPERATIONS TO WHAT 16 THEY WERE AT THE TIME OF THE VIOLATION.

17 (F) (1) IN ADDITION TO THE POWERS AND DUTIES SET FORTH ELSEWHERE
18 IN THIS SECTION, THE DEPARTMENT OF THE ENVIRONMENT, IN CONSULTATION
19 WITH THE DEPARTMENT OF AGRICULTURE, MAY:

(I) ISSUE, MODIFY, OR REVOKE A COMPLAINT OR ORDER
 REQUIRING CORRECTIVE ACTION, COLLECT A PENALTY, AND ADOPT ANY OTHER
 REASONABLE REMEDIAL MEASURES IN ORDER TO ACHIEVE COMPLIANCE WITH THIS
 SECTION;

24 (II) REQUIRE PAYMENT OF A PENALTY ASSESSED UNDER THIS 25 SECTION TO THE MARYLAND CLEAN WATER FUND; AND

26 (III) GIVE NOTICE AND HOLD A HEARING UNDER THIS SECTION IN
 27 ACCORDANCE WITH TITLE 10, SUBTITLE 2 OF THE STATE GOVERNMENT ARTICLE.

28 (2) WITHIN 10 DAYS OF BEING ISSUED AN ORDER UNDER THIS
29 SUBSECTION, THE PERSON SERVED MAY REQUEST IN WRITING A HEARING BEFORE
30 THE DEPARTMENT OF THE ENVIRONMENT.

(3) ANY PERSON AGGRIEVED BY A FINAL DECISION OF THE
 DEPARTMENT OF THE ENVIRONMENT IN CONNECTION WITH THE ISSUANCE OF AN
 ORDER UNDER THIS SUBSECTION MAY TAKE A DIRECT JUDICIAL APPEAL IN
 ACCORDANCE WITH TITLE 10, SUBTITLE 2 OF THE STATE GOVERNMENT ARTICLE.

35 (G) APPROVAL OF A NUTRIENT MANAGEMENT PLAN IS CONTINGENT ON THE
 36 PROPERTY OWNER GRANTING TO THE DEPARTMENT OF AGRICULTURE AND THE

1 DEPARTMENT OF THE ENVIRONMENT A RIGHT OF ENTRY ONTO THE PROPERTY AT 2 ANY REASONABLE TIME TO EVALUATE IF THE PROPERTY OWNER IS COMPLYING 2 WITH THE NUTRIENT MANA CEMENT PLAN

3 WITH THE NUTRIENT MANAGEMENT PLAN.

4 8-803.2.

5 THE GOVERNOR SHALL PROVIDE SUFFICIENT FUNDING IN EACH FISCAL YEAR'S
6 BUDGET TO MEET THE TECHNICAL ASSISTANCE AND EVALUATION REQUIREMENTS
7 OF § 8-803.1 OF THIS SUBTITLE.

8 8-803.3.

9 (A) THIS SECTION DOES NOT APPLY TO A PERSON WHO APPLIES NUTRIENTS 10 TO:

11 (1) 10 ACRES OR LESS OF LAND EACH YEAR; AND

12 (2) PROPERTY THAT THE PERSON OWNS OR MANAGES.

13 (B) A PERSON MAY NOT APPLY NUTRIENTS TO LAND UNLESS THE PERSON IS:

14 (1) A CERTIFIED NUTRIENT APPLICATOR; OR

15 (2) UNDER THE SUPERVISION OF A CERTIFIED NUTRIENT APPLICATOR.

16 (C) TO APPLY FOR CERTIFICATION AS A NUTRIENT APPLICATOR, A PERSON 17 SHALL:

18 (1) SUBMIT TO THE DEPARTMENT AN APPLICATION ON THE FORM THE19 DEPARTMENT REQUIRES; AND

20 (2) PAY TO THE DEPARTMENT A CERTIFICATION FEE IN ACCORDANCE 21 WITH § 8-806 OF THIS SUBTITLE.

22 (D) THE DEPARTMENT SHALL CERTIFY ANY PERSON WHO:

23 (1) MEETS THE REQUIREMENTS OF THIS SUBTITLE;

24 (2) MEETS EDUCATIONAL REQUIREMENTS ESTABLISHED BY THE 25 DEPARTMENT; AND

26 (3) PASSES AN EXAMINATION APPROVED BY THE DEPARTMENT.

27 (E) A CERTIFICATE IS VALID FOR 2 YEARS UNLESS IT IS RENEWED BY THE 28 DEPARTMENT.

29 (F) THE DEPARTMENT SHALL RENEW A CERTIFICATE FOR AN ADDITIONAL 30 2-YEAR TERM IF THE PERSON:

31 (1) SUBMITS A RENEWAL APPLICATION ON THE FORM THE 32 DEPARTMENT REQUIRES;

1 (2) PAYS TO THE DEPARTMENT A RENEWAL FEE IN ACCORDANCE WITH § 2 8-806 OF THIS SUBTITLE;

3 (3) COMPLIES WITH APPLICABLE CONTINUING EDUCATION 4 REQUIREMENTS;

5 (4) COMPLIES WITH APPLICABLE RECORDKEEPING AND REPORTING 6 REQUIREMENTS; AND

7 (5) IS OTHERWISE ENTITLED TO BE CERTIFIED.

8 (G) THE DEPARTMENT MAY IMPOSE A PENALTY NOT EXCEEDING \$250 FOR A 9 VIOLATION OF THE PROVISIONS OF THIS SECTION.

10 8-803.4.

11 (A) THIS SECTION APPLIES TO AN APPLICATION OF COMMERCIAL FERTILIZER, 12 AS DEFINED IN § 6-201 OF THIS ARTICLE:

13 (1) THAT IS PERFORMED BY:

14 (I) A PERSON WHO APPLIES COMMERCIAL FERTILIZER FOR HIRE;

15 OR

16 (II) AN EMPLOYEE OF THE OWNER OR MANAGER OF THE

17 PROPERTY; AND

18 (2) TO PROPERTY THAT IS:

19 (I) NOT USED FOR AGRICULTURAL PURPOSES; AND

20 (II) 1. THREE OR MORE ACRES; OR

21 2. STATE PROPERTY.

22 (B) A PERSON MAY APPLY COMMERCIAL FERTILIZER ONLY IF THE PERSON:

23 (1) CONDUCTS A SOIL TEST BEFORE APPLYING THE COMMERCIAL
 24 FERTILIZER; AND

(2) APPLIES THE COMMERCIAL FERTILIZER IN A MANNER THAT IS
(3) CONSISTENT WITH THE NUTRIENT MANAGEMENT GUIDELINES AND CRITERIA
(4) UNDER § 8-801.1 OF THIS SUBTITLE.

28 (C) (1) A PERSON WHO VIOLATES ANY PROVISION OF THIS SECTION IS
29 SUBJECT TO A CIVIL PENALTY OF NOT MORE THAN \$1,500 FOR A FIRST VIOLATION.

30 (2) A PERSON WHO VIOLATES ANY PROVISION OF THIS SECTION IS
 31 SUBJECT TO A CIVIL PENALTY OF NOT MORE THAN \$2,500 FOR EACH SUBSEQUENT
 32 VIOLATION.

1 (3) EACH DAY A VIOLATION OCCURS UNDER THIS SECTION IS A 2 SEPARATE VIOLATION.

3 (4) IN ADDITION TO THE DENIAL, SUSPENSION, OR REVOCATION OF THE
4 CERTIFICATE, THE SECRETARY MAY IMPOSE A CIVIL PENALTY ON THE HOLDER OF A
5 CERTIFICATE.

6 (5) THE TOTAL PENALTIES IMPOSED ON A PERSON FOR VIOLATIONS OF 7 THIS SECTION THAT RESULT FROM THE SAME SET OF FACTS AND CIRCUMSTANCES 8 MAY NOT EXCEED \$15,000.

9 (D) THE PENALTY IMPOSED ON A PERSON UNDER THIS SECTION SHALL BE 10 ASSESSED WITH CONSIDERATION GIVEN TO:

(1) THE WILLFULNESS OF THE VIOLATION, THE EXTENT TO WHICH THE
 EXISTENCE OF THE VIOLATION WAS KNOWN TO THE VIOLATOR BUT UNCORRECTED
 BY THE VIOLATOR, AND THE EXTENT TO WHICH THE VIOLATOR EXERCISED
 REASONABLE CARE;

15 (2) ANY ACTUAL HARM TO HUMAN HEALTH OR TO THE ENVIRONMENT
16 INCLUDING INJURY TO OR IMPAIRMENT OF THE USE OF THE WATERS OF THE STATE
17 OR THE NATURAL RESOURCES OF THE STATE;

18 (3) THE COST OF CONTROL;

19(4)THE NATURE AND DEGREE OF INJURY TO OR INTERFERENCE WITH20GENERAL WELFARE, HEALTH, AND PROPERTY;

(5) THE EXTENT TO WHICH THE LOCATION OF THE VIOLATION,
 INCLUDING LOCATION NEAR AREAS OF HUMAN POPULATION, CREATES THE
 POTENTIAL FOR HARM TO THE ENVIRONMENT OR TO HUMAN HEALTH OR SAFETY;
 AND

(6) THE EXTENT TO WHICH THE CURRENT VIOLATION IS PART OF A
RECURRENT PATTERN OF THE SAME OR SIMILAR TYPE OF VIOLATION COMMITTED
BY THE VIOLATOR.

28 (E) PENALTIES COLLECTED BY THE SECRETARY UNDER THIS SECTION SHALL29 BE PAID INTO THE GENERAL FUND OF THE STATE.

30 8-804.

31 (a) The Department shall establish a Nutrient Management Advisory

32 Committee. The Secretary shall appoint to the Committee representatives of the

33 agricultural community, the environmental community, [industry] THE

34 COMMERCIAL LAWN CARE, BIOSOLIDS, AND AGRICULTURAL FERTILIZER

35 INDUSTRIES, academia, and appropriate government units.

36 (b) In consultation with the Nutrient Management Advisory Committee, the

37 Department shall by regulation:

1 (1) Prescribe the criteria, form, and content for certified nutrient 2 management plans applicable to licensees and certificate holders;

3 (2) Establish continuing education requirements for [certificate
4 holders] CERTIFIED NUTRIENT MANAGEMENT CONSULTANTS AND CERTIFIED
5 NUTRIENT APPLICATORS; [and]

6 (3) ESTABLISH GUIDELINES AND CRITERIA RELATED TO THE 7 CERTIFICATION OF NUTRIENT APPLICATORS; AND

[(3)] (4) Adopt guidelines and requirements for licensees, CERTIFIED
NUTRIENT MANAGEMENT CONSULTANTS, AND CERTIFIED NUTRIENT APPLICATORS
on record keeping and on reporting requirements to the Department on nutrient
management plans.

12 (C) IN DEVELOPING STANDARDS AND REQUIREMENTS UNDER THIS SECTION,
13 THE DEPARTMENT MAY ADOPT DIFFERENT STANDARDS FOR NUTRIENT
14 APPLICATORS WHO APPLY NUTRIENTS:

15 (1) FOR HIRE; AND

16 (2) ONLY TO PROPERTY OWNED OR MANAGED BY THE PERSON.

17 8-805.

18 Subject to the provisions of the Administrative Procedure Act, the Department

19 may deny, suspend, or revoke a certificate or license for a violation of this subtitle or

20 for a violation of any regulation adopted under this subtitle by the Department.

21 8-806.

22 (a) Except for a government agency, the Department shall charge the

23 following fees under this subtitle:

24 25 APPLICA	(1) Certificate (NUTRIENT MANAGEMENT CONSULTANT AND NUTRIENT TOR)	\$50;
26 27 NUTRIEN	(2) NUTRIENT APPLICATOR CERTIFICATE FOR A PERSON WHO APPLIES	\$100;
28	[(2)] (3) License (individual or sole proprietorship)	\$50;
29	[(3)] (4) License (corporation or partnership)\$10)0; and
30	[(4)] (5) Renewal	\$50.
21 (1)		

31 (b) The Department shall charge an applicant for the full cost of any training 32 provided by the Department under this subtitle.

33 (c) All moneys collected under this subtitle shall be deposited in the General34 Fund of the State.

1 8-807. 2 ON OR BEFORE DECEMBER 31 OF EACH YEAR, THE DEPARTMENT OF 3 AGRICULTURE AND THE DEPARTMENT OF THE ENVIRONMENT SHALL REPORT TO 4 THE GOVERNOR, AND, IN ACCORDANCE WITH § 2-1246 OF THE STATE GOVERNMENT 5 ARTICLE, THE GENERAL ASSEMBLY, ON THE FARM ACREAGE COVERED BY NUTRIENT 6 MANAGEMENT PLANS AND THE IMPLEMENTATION AND EVALUATION OF THOSE 7 PLANS. 8 **Article - Environment** 9 9-313. 10 (a) The Department may adopt rules and regulations to carry out the 11 provisions of this subtitle. 12 (b) In adopting any rule or regulation under this subtitle, the Department 13 shall consider: 14 (1)Existing physical conditions; The character of the area involved, including surrounding land uses; 15 (2)Priority ranking of waters as to effluent limits; 16 (3)17 (4) Zoning; 18 (5) The nature of the existing receiving body of water; 19 (6)The technical feasibility of measuring or reducing the particular type 20 of water pollution;

21 (7) The economic reasonableness of measuring or reducing the particular22 type of water pollution; and

23 (8) The purposes of this subtitle.

24 (c) Except as this subtitle otherwise provides for a particular type of rule or 25 regulation, a rule or regulation adopted under this subtitle may:

26 (1) Impose, as circumstances require, different requirements for 27 different pollutant sources and for different geographical areas;

(2) Apply to sources located outside this State that cause, contribute to,
29 or threaten environmental damage in this State; and

30 (3) Make special provisions for alert and abatement standards and

31 procedures for occurrences or emergencies of pollution or on other short term

32 conditions that are an acute danger to health or to the environment.

1 9-325.1.

2 (A) THE DEPARTMENT, IN CONSULTATION WITH THE DEPARTMENT OF
3 AGRICULTURE, SHALL ADOPT REGULATIONS TO LIMIT THE SIZE OF SWINE FARM
4 OPERATIONS TO MINIMIZE POTENTIAL WATER QUALITY IMPACT TO THE WATERS OF
5 THE STATE.

6 (B) THE REGULATIONS ADOPTED UNDER THIS SECTION SHALL INCLUDE A 7 PROVISION TO GRANDFATHER SWINE FARM OPERATIONS IN EXISTENCE AT THE 8 TIME THE REGULATIONS TAKE EFFECT.

9 (C) THE DEPARTMENT AND THE DEPARTMENT OF AGRICULTURE SHALL
10 CONSULT WITH LOCAL GOVERNMENTS AND REPRESENTATIVES OF THE
11 AGRICULTURAL COMMUNITY BEFORE DEVELOPING THE REGULATIONS.

12 SECTION 3. AND BE IT FURTHER ENACTED, That the Laws of Maryland 13 read as follows:

14

Article - Tax - General

15 10-208.

16 (a) In addition to the modification under § 10-207 of this subtitle, the
17 amounts under this section are subtracted from the federal adjusted gross income of
18 a resident to determine Maryland adjusted gross income.

19 (M) (1) IN THIS SUBSECTION, "POULTRY OR LIVESTOCK MANURE
20 SPREADING EQUIPMENT" MEANS EQUIPMENT THAT IS USED BY A FARM OWNER OR
21 TENANT ON FARMLAND IN ACCORDANCE WITH A NUTRIENT MANAGEMENT PLAN
22 PREPARED BY AN INDIVIDUAL LICENSED BY THE SECRETARY OF AGRICULTURE IN
23 ACCORDANCE WITH TITLE 8, SUBTITLE 8 OF THE AGRICULTURE ARTICLE IF THE
24 MANURE SPREADING EQUIPMENT IS USED:

(I) TO SPREAD POULTRY MANURE AND BEDDING FROM NORMAL
 POULTRY PRODUCTION WITH A CAPABILITY OF BEING CALIBRATED TO 1.0 TON PER
 ACRE; OR

28 (II) TO APPLY SOLID OR LIQUID LIVESTOCK WASTE.

29 (2) THE SUBTRACTION UNDER SUBSECTION (A) OF THIS SECTION
30 INCLUDES 100% OF THE EXPENSE THAT A TAXPAYER INCURS TO BUY A POULTRY OR
31 LIVESTOCK MANURE SPREADING EQUIPMENT IF THE TAXPAYER:

32 (I) PURCHASED THE SPREADING EQUIPMENT AFTER DECEMBER 33 31, 1997; AND

34(II)OWNS THE SPREADING EQUIPMENT FOR AT LEAST 3 YEARS35AFTER THE TAXABLE YEAR IN WHICH THE SUBTRACTION IS MADE.

1(3)THE SUBTRACTION ALLOWED UNDER PARAGRAPH (2) OF THIS2SUBSECTION MAY BE CARRIED OVER TO SUCCEEDING TAXABLE YEARS, NOT TO3EXCEED 5 YEARS, UNTIL THE FULL AMOUNT OF THE SUBTRACTION IS USED.

4 10-308.

5 (a) In addition to the modification under § 10-307 of this subtitle, the 6 amounts under this section are subtracted from the federal taxable income of a 7 corporation to determine Maryland modified income.

8 (b) The subtraction under subsection (a) of this section includes the amounts 9 allowed to be subtracted for an individual under:

10 (1) § 10-208 (d) of this title (conservation tillage equipment expenses);

11 (2) § 10-208 (i) of this title (reforestation or timber stand expenses);

12 [and]

13 (3) § 10-208 (k) of this title (wage expenses for targeted jobs); AND

14 (4) § 10-208 (M) OF THIS TITLE (POULTRY OR LIVESTOCK MANURE 15 SPREADING EQUIPMENT).

16 SECTION 4. AND BE IT FURTHER ENACTED, That the Laws of Maryland 17 read as follows:

18

Article - Tax - General

19 10-704.9.

(A) SUBJECT TO THE PROVISIONS OF THIS SECTION, AN INDIVIDUAL OR A
CORPORATION MAY CLAIM A CREDIT AGAINST THE STATE INCOME TAX FOR A
TAXABLE YEAR IN THE AMOUNT EQUAL TO 50% OF THE CERTIFIED ADDITIONAL
COMMERCIAL FERTILIZER COSTS NECESSARY TO CONVERT AGRICULTURAL
PRODUCTION TO A NUTRIENT MANAGEMENT PLAN UNDER TITLE 8, SUBTITLE 8 OF
THE AGRICULTURE ARTICLE.

26 (B) (1) THE CREDIT ALLOWED UNDER THIS SECTION MAY ONLY BE 27 CLAIMED BY AN INDIVIDUAL OR A CORPORATION FOR UP TO 3 CONSECUTIVE 28 TAXABLE YEARS.

29 (2) THE CREDIT ALLOWED UNDER THIS SECTION MAY NOT EXCEED 30 \$4,500 IN ANY TAXABLE YEAR.

31 (3) (I) IF THE CREDIT ALLOWED UNDER THIS SECTION IN ANY
32 TAXABLE YEAR EXCEEDS THE TOTAL TAX OTHERWISE PAYABLE BY THE INDIVIDUAL
33 OR CORPORATION FOR THAT TAXABLE YEAR, THE INDIVIDUAL OR CORPORATION
34 MAY APPLY THE EXCESS AS A CREDIT FOR SUCCEEDING TAXABLE YEARS UNTIL THE
35 EARLIER OF:

20	HOUSE BILL 502
1	1. THE FULL AMOUNT OF THE EXCESS IS USED; OR
2 3 YEAR.	2. THE EXPIRATION OF THE 5TH SUCCEEDING TAXABLE
4 (II) 5 PARAGRAPH DOES NOT A 6 THIS SUBSECTION.	ANY EXCESS CREDIT CARRIED FORWARD UNDER THIS PPLY TO THE CREDIT LIMIT SPECIFIED IN PARAGRAPH (2) OF
	LLOWED UNDER THIS SECTION MAY NOT BE EARNED FOR INING ON OR AFTER JANUARY 1, 2006.
	ALIFY FOR THE CREDIT UNDER THIS SECTION, AN INDIVIDUAL ST RECEIVE A STATEMENT FROM THE DEPARTMENT OF NG:
12 (I) 13 NUTRIENT MANAGEMEN 14 8, SUBTITLE 8 OF THE AG	THAT THE INDIVIDUAL OR CORPORATION HAS SUBMITTED A T PLAN TO THE DEPARTMENT IN ACCORDANCE WITH TITLE RICULTURE ARTICLE;
	THAT THE ADDITIONAL COMMERCIAL FERTILIZER COSTS ARE T AGRICULTURAL PRODUCTION TO COMPLY WITH A T PLAN UNDER TITLE 8, SUBTITLE 8 OF THE AGRICULTURE
19 (III) 20 CORPORATION IS ELIGIB	THE AMOUNT OF THE CREDIT THAT THE INDIVIDUAL OR LE TO TAKE FOR THE TAXABLE YEAR.
	DIVIDUAL OR A CORPORATION MUST FILE PROOF OF DEPARTMENT OF AGRICULTURE IN A MANNER PRESCRIBED
	THE PROVISIONS OF THIS SUBSECTION, THE STATE ULTURE SHALL ADOPT REGULATIONS NECESSARY TO CARRY THIS SECTION.
28 remain effective for a period29 further action required by the30 abrogated and of no further for	C FURTHER ENACTED, That Section 1 of this Act shall of 3 years and, at the end of June 30, 2001, with no General Assembly, Section 1 of this Act shall be orce and effect. Any money remaining in the Animal une 30, 2001 or due to the Animal Waste Technology 1 be paid into the General Fund.
	FURTHER ENACTED, That Section 3 of this Act shall ears beginning after December 31, 1997.
	FURTHER ENACTED, That Section 4 of this Act shall ears beginning after December 31, 1998.

- 1 SECTION 8. AND BE IT FURTHER ENACTED, That this Act shall take effect 2 July 1, 1998.