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**9 VAC 25-40 POLICY-REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

9VAC25-40-10. Purpose.

This ~~policy~~ regulation provides for the control of discharges of nutrients from point sources affecting state waters that ~~have been~~ are designated "nutrient enriched waters" in 9VAC25-260-350 or are located within the Chesapeake Bay Watershed, which consists of the following river basins: Potomac River Basin (9 VAC 25-260-390 and 9 VAC 25-260-400), James River Basin (9 VAC 25-260-410, 9 VAC 25-260-415, 9 VAC 25-260-420 and 9 VAC 25-260-430), Rappahannock River Basin (9 VAC 25-260-440), Chesapeake Bay and small coastal basins (9 VAC 25-260-520, Sections 2 through 3g) and the York River Basin (9 VAC 25-260-530).

The provisions of the Chapter and the Water Quality Management Planning Regulation (9 VAC 25-720) constitute the nutrient reduction requirements for point source discharges in the Chesapeake Bay and its tidal rivers.

9VAC25-40-20. ~~Authority~~ Repealed.

~~The board has adopted this policy under the authority of §§62.1-44.15(3), 62.1-44.15(10) and 62.1-44.15(14) of the Code of Virginia.~~

9VAC25-40-30. Strategy for "nutrient enriched waters:" Outside of Chesapeake Bay Watershed

~~As specified here, the board shall reopen the NPDES permits of certain point source dischargers to "nutrient enriched waters" and shall impose effluent limitations on nutrients in the discharges authorized by those permits and certain new permits.~~

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A. All dischargers authorized by ~~NPDES~~ VPDES permits issued on or before July 1, 1988, to discharge ~~± 1.0~~ 1.0 MGD or more to "nutrient enriched waters" shall ~~be required to~~ meet a monthly average total phosphorus effluent limitation of ~~2~~ 2.0 mg/1 ~~as quickly as possible and in any event within three years following modification of the NPDES permit.~~

~~At the time of modification of the NPDES permit, any discharger who voluntarily accepts a permit to require installation and operation of nitrogen removal facilities to meet a monthly average total nitrogen effluent limitation of 10 mg/1 for the months of April through October shall be allowed an additional year to meet the phosphorus effluent limitation in 9VAC25-40-30~~

~~A.~~

B. All new source New dischargers as defined in ~~9VAC25-30-10~~ 9VAC25-21 with a permit issued which commence discharging after July 1, 1988, and are authorized by VPDES permits to discharge a design flow greater than or equal to 0.05 0.050 MGD or more who propose to discharge to "nutrient enriched waters" shall be required to meet a monthly average total phosphorus effluent limitation of 2.0 mg/1.

C. This ~~policy regulation~~ shall not be construed to relax any effluent limitation concerning a nutrient that is imposed under any other requirement of state or federal law. ~~No time extensions outlined in 9VAC25-40-30 A for installation and operation of nitrogen removal facilities shall be granted to a discharger if such an effluent limitation or a time extension is already imposed under any other requirement of state or federal law or regulation.~~

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D. Any discharger to "nutrient enriched waters" that is located within the Chesapeake Bay Watershed is not subject to the requirements of this section.

9VAC25-40-40. Permit amendments.

Whenever the board determines that a permittee has the potential for discharging monthly average total phosphorus concentrations greater than or equal to 2.0 mg/1 or monthly average total nitrogen concentrations greater than or equal to ~~10~~ 1.0 x 10<sup>1</sup> mg/1 to "nutrient enriched waters," the board may reopen the ~~NPDES~~ VPDES permit to impose monitoring requirements for nutrients in the discharge.

9VAC25-40-50. Possibility of further limitations.

The board anticipates that, following implementation of the foregoing requirements and evaluation of effects of this ~~policy~~ regulation and of the results of the nonpoint source control programs, further limitations on discharges of phosphorus or of other nutrients may be necessary to control undesirable growths of aquatic plants.

9VAC25-40-60. Other state petitions.

The board may entertain petitions from adjoining states to consider rulemakings to control nutrients entering tributaries to "nutrient enriched waters" of the adjoining state.

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9VAC25-40-70. Strategy for Chesapeake Bay Watershed

A. It shall be the policy of the board that point source dischargers within the Chesapeake Bay Watershed utilize biological nutrient removal technology or its equivalent whenever feasible, as provided by 9VAC25-40-70.B. For the purposes of this Chapter, and the related sections of 9VAC25-720, the terms "point source dischargers" or "dischargers" do not include permitted discharges of non-contact cooling water or storm water.

B. As specified herein, the board shall issue and reissue the VPDES permits of certain point source dischargers within the Chesapeake Bay Watershed and shall impose effluent concentration limitations on nutrients in the discharges authorized by those permits.

1. Except as provided under 9VAC25-40-70.B.4, all significant dischargers, as defined in 9VAC25-720, authorized by VPDES permits issued on or before the effective date of this Chapter shall achieve an annual average total nitrogen effluent limitation of not more than 8.0 mg/l and an annual average total phosphorus effluent limitation of not more than 1.0 mg/l, provided, however, these dischargers must achieve an annual total nitrogen waste load allocation and an annual total phosphorus waste load allocation as required by the Water Quality Management Planning Regulation (9VAC25-720). The applicable limitations shall be achieved

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within four years following reissuance or major modification of the VPDES permit, but in no case later than December 31, 2010.

2. Except as provided under 9VAC25-40-70.B.4, all dischargers that do not meet the definition of a significant discharger and are authorized by VPDES permits issued on or before July 1, 2004 to discharge 0.040 MGD or more shall be required to achieve an annual average total nitrogen effluent limitation of 8.0 mg/l and an annual average total phosphorus effluent limitation of 1.0 mg/l. These limitations shall be included in reissued or modified permits after December 31, 2010 and shall be achieved within four years following reissuance or major modification of the VPDES permits.

3. Except as provided under 9VAC25-40-70.B.4, all new dischargers or expanded discharges of nitrogen or phosphorus authorized by VPDES permits issued after the effective date of this Chapter to discharge 0.040 MGD or more shall achieve an annual average total nitrogen effluent limitation of 3.0 mg/l and an annual average total phosphorus effluent limitation of 0.30 mg/l.

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4. On a case-by-case basis, a discharger may demonstrate to the satisfaction of the board through treatability, engineering, or other studies that biological nutrient removal technology or its equivalent at a point source discharge cannot achieve the effluent limitations of 9VAC25-40-70.B.1, 2 or 3, as applicable. In these cases, the board shall require alternative effluent limitations the board deems appropriate for that discharger, provided, however, the discharger must achieve an annual total nitrogen waste load allocation and an annual total phosphorus waste load allocation as required by the Water Quality Management Planning Regulation (9VAC25-720).

5. Any effluent limitation concerning a nutrient that is imposed under any other requirement of state or federal law or regulation that is more stringent than those established herein, shall not be affected by this regulation.

C. Notwithstanding the above, point source dischargers within the Chesapeake Bay Watershed are also governed by the Water Quality Management Planning Regulation (9VAC25-720).

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9VAC25-720-10. Definitions.

The following words and terms when used in this chapter shall have the following meanings unless the context clearly indicates otherwise:

"Assimilative capacity" means the greatest amount of loading that a water can receive without violating water quality standards, significantly degrading waters of existing high quality, or interfering with the beneficial use of state waters.

"Best management practices (BMP)" means a schedule of activities, prohibition of practices, maintenance procedures and other management practices to prevent or reduce the pollution of state waters. BMPs include treatment requirements, operating and maintenance procedures, schedule of activities, prohibition of activities, and other management practices to control plant site runoff, spillage, leaks, sludge or waste disposal, or drainage from raw material storage.

"Best practicable control technology currently available (BPT)" means control measures required of point source discharges (other than POTWs) as determined by the EPA pursuant to §304(b)(1) of the CWA (33 USC §1251 et seq.) as of 1987.

"Board" means the State Water Control Board (SWCB).

"Chesapeake Bay Watershed" means the following Virginia river basins: Potomac River Basin (9 VAC 25-260-390 and 9 VAC 25-260-400); James River Basin (9 VAC 25-260-410, 9 VAC 25-260-415, 9 VAC 25-260-420, and 9 VAC 25-260-430); Rappahannock River Basin (9 VAC 25-260-440); Chesapeake Bay and small coastal basins (9 VAC 25-260-520, Sections 2 through 3g); and, the York River Basin (9 VAC 25-260-530).

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"Clean Water Act or Act (CWA)" means 33 USC §1251 et seq. as amended, as of 1987.

"Delivered Waste Load" means the discharged load from a point source in a river basin that is adjusted by a delivery factor for any alteration of that load occurring from biological, chemical, and physical processes during riverine transport to tidal waters. Delivery factors are calculated used the Chesapeake Bay Program watershed model.

"Discharge" means when used without qualification, a discharge of a pollutant or any addition of any pollutant or combination of pollutants to state waters or waters of the contiguous zone or ocean or other floating craft when being used for transportation.

"Effluent limitation" means any restriction imposed by the board on quantities, discharge rates or concentrations of pollutants that are discharged from joint sources into state waters.

"Effluent limitation guidelines" means a regulation published by EPA under the Act and adopted by the board.

"Effluent limited segment (EL)" means a stream segment where the water quality does and probably will continue to meet state water quality standards after the application of technology-based effluent limitations required by §§301(b) and 306 of the CWA (33 USC §1251 et seq.) as of 1987.

"Environmental Protection Agency (EPA)" means the United States Environmental Protection Agency.



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"Load or loading" means the introduction of an amount of matter or thermal energy into a receiving water. Loading may be either man-caused (pollutant loading) or natural (background loading).

"Load allocation (LA)" means the portion of a receiving water's loading capacity attributable either to one of its existing or future nonpoint sources of pollution or to natural background sources. Load allocations are best estimates of the loading, which may range from accurate estimates to gross allotments, depending on the availability of data and appropriate techniques for predicting the loading. Wherever possible, natural and nonpoint source loads should be distinguished.

"Nonpoint source" means a source of pollution, such as a farm or forest land runoff, urban storm water runoff, mine runoff, or salt water intrusion that is not collected or discharged as a point source.

"Point source" means any discernible, defined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock vessel or other floating craft, from which pollutants are or may be discharged. This term does not include return flows from irrigated agricultural land.

"Pollutant" means any substance, radioactive material, or heat that causes or contributes to, or may cause or contribute to, pollution. It does not mean:

1. Sewage from vessels; or

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2. Water, gas, or other material that is injected into a well to facilitate production of oil, dry gas, or water derived in association with oil or gas production and disposed of in a well, if the well is used either to facilitate production or for disposal purposes if approved by the Department of Mines, Minerals and Energy unless the board determines that such injection or disposal will result in the degradation of ground or surface water resources.

"Pollution" means such alteration of the physical, chemical or biological properties of any state waters as will or is likely to create a nuisance or render such waters (i) harmful or detrimental or injurious to the public health, safety or welfare, or to the health of animals, fish or aquatic life; (ii) unsuitable with reasonable treatment for use as present or possible future sources of public water supply; or (iii) unsuitable for recreational, commercial, industrial, agricultural, or other reasonable uses; provided that: (a) an alteration of the physical, chemical, or biological property of state waters, or a discharge or deposit of sewage, industrial wastes or other wastes to state waters by any owner, which by itself is not sufficient to cause pollution, but which, in combination with such alteration of or discharge or deposit to state waters by other owners is sufficient to cause pollution; (b) the discharge of untreated sewage by any owner into state waters; and (c) contributing to the contravention of standards of water quality duly established by the board, are "pollution" for the terms and purposes of this water quality management plan.

"Publicly owned treatment works (POTW)" means any sewage treatment works that is owned by a state or municipality. Sewers, pipes, or other conveyances are included in this definition only if they convey wastewater to a POTW providing treatment.

"Significant Discharges" means a point source discharger within the Chesapeake Bay Watershed that is listed in any of the following sections: 9 VAC 25-720-50 C, 9 VAC 25-720-60 C, 9 VAC

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25-720-70 C, 9 VAC 25-720-110 C, or 9 VAC 25-720-120 C; or a new or expanded point source discharger authorized by a VPDES permit issued after July 1, 2004 to discharge 2,300 pounds per year or more of total nitrogen or 300 pounds per year or more of total phosphorus.

"State waters" means all waters, on the surface and under the ground and wholly or partially within or bordering the Commonwealth or within its jurisdiction, including wetlands.

"Surface water" means all waters in the Commonwealth except ground waters as defined in §62.1-255 of the Code of Virginia.

"Total maximum daily load (TMDL)" means the sum of the individual waste load allocations (WLAs) for point sources, load allocations (LAs) for nonpoint sources, natural background loading and usually a safety factor. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure. The TMDL process provides for point versus nonpoint source trade-offs.

"Toxic pollutant" means any agent or material including, but not limited to, those listed under §307(a) of the CWA (33 USC §1251 et seq. as of 1987), which after discharge will, on the basis of available information, cause toxicity.

"Toxicity" means the inherent potential or capacity of a material to cause adverse effects in a living organism, including acute or chronic effects to aquatic life, detrimental effects on human health or other adverse environmental effects.

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“Trading” means the transfer of assigned waste load allocations for total nitrogen or total phosphorus among point source dischargers. It does not include the transfer of total nitrogen for total phosphorus, or the reverse.

"Virginia Pollution Discharge Elimination System (VPDES) permit" means a document issued by the board, pursuant to ~~9VAC25-30~~ 9 VAC 25-31, authorizing, under prescribed conditions, the potential or actual discharge of pollutants from a point source to surface waters.

"Waste load allocation (WLA)" means the portion of a receiving water's loading or assimilative capacity allocated to one of its existing or future point sources of pollution. WLAs are a type of water quality-based effluent limitation.

"Water quality limited segment (WQL)" means any stream segment where the water quality does not or will not meet applicable water quality standards, even after the application of technology-based effluent limitations required by §§301(b) and 306 of the CWA (33 USC §1251 et seq. as of 1987).

"Water quality management plan (WQMP)" means a state- or area-wide waste treatment management plan developed and updated in accordance with the provisions of §§205(j), 208 and 303 of the CWA (33 USC §1251 et seq. as of 1987).

"Water quality standards (WQS)" means narrative statements that describe water quality requirements in general terms, and of numeric limits for specific physical, chemical, biological or radiological characteristics of water. These narrative statements and numeric limits describe water quality necessary to meet and maintain reasonable and beneficial uses such as swimming and, other water based recreation, public water supply and the propagation and growth of aquatic

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life. The adoption of water quality standards under the State Water Control Law is one of the board's methods of accomplishing the law's purpose.

9VAC25-720-20. Purpose.

The purpose of this regulation is to list by major river basin the following:

EPA-approved and board-adopted total maximum daily loads (TMDLs) and the stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations contained in the existing water quality management plans (WQMPs).

9VAC25-720-30. ~~Reserved~~ Relationship to the Regulation for Nutrient Enriched Waters and Dischargers within the Chesapeake Bay Watershed, 9 VAC 25-40

The provisions of this chapter and the Regulation for Nutrient Enriched Waters and Discharges Within the Chesapeake Bay Watershed (9 VAC 25-40) constitute the nutrient reduction requirements for point source discharges in the Chesapeake Bay Watershed to protect the Chesapeake Bay and its tidal tributaries.

9VAC25-720-40. ~~Reserved~~ Trading and Offsets in the Chesapeake Bay Watershed

A. Nitrogen and phosphorus waste load allocations assigned to individual significant dischargers in paragraph C of Sections 9VAC25-720-50, 9VAC25-720-60, 9VAC25-720-70, 9VAC25-720-110, and 9VAC25-720-120 may be traded among significant dischargers within the same river basin to assist in the achievement and maintenance of the total basin delivered waste load allocations.

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B. Any proposed trade shall not result in degradation or adverse impacts to local water quality or violations of water quality standards.

C. Any trade of nitrogen or phosphorus waste load allocation among individual significant dischargers shall not result in the exceedence of the total basin delivered waste load allocation within which the significant dischargers are located.

D. The board may authorize trading only through VPDES permits. Trades conducted in accordance with this Chapter through VPDES permits shall not require any amendments to this Chapter.

E. Any discharge of nitrogen or phosphorus load from a new significant discharger or any increase in the discharge of nitrogen or phosphorus load from an expansion of an existing significant discharger that would exceed the waste load allocation for that significant discharger shall be accompanied by one of the following actions within the same river basin: 1. a trade for an equivalent or greater load reduction of the same pollutant from one or more existing dischargers; 2. in accordance with the criteria listed below, the installation, monitoring and maintenance of best management practices that achieve an offsetting reduction of non-point source delivered load of nitrogen or phosphorus that the board determines is at least twice the reduction in delivered load compared to the new or increased delivered load from the significant discharger; or, 3. both actions in combination.

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The board may approve use of the second option in the previous paragraph in accordance with the following:

- i. the VPDES permit for the new or expanded significant discharger includes an annual average total nitrogen effluent limitation of 3.0 mg/l or an annual average total phosphorus effluent limitation of 0.30 mg/l, as appropriate, or alternative limits as required by 9VAC245-40-70.B.4;
- ii. best management practices are installed within the locality or localities served by the new or expanded discharger, unless the board determines that installation of the needed best management practices in another locality provides greater water quality benefits;
- iii. credit may be given for improvements to best management practices beyond that already required under other federal or state law to the extent that additional reduction in delivered nitrogen or phosphorus load is provided;
- iv. credit may not be given for portions of best management practices financed by government programs; and,
- v. the installation, monitoring and maintenance of the best management practices are required by the VPDES permit of the new or expanded significant discharger and the best management practices are installed subsequent to the issuance of the VPDES permit.

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F. Any trade or offset involving a new significant discharger must account for the delivery factor that is assigned to the discharger based on its location within the river basin and must recognize that new significant dischargers have no assigned waste load allocations.

To ensure the total basin delivered loads of nitrogen and phosphorus are not exceeded, any trading or offsets conducted in accordance with this section shall use delivered loads.

The following table contains the delivery factors for both nitrogen and phosphorus assigned to the identified Chesapeake Bay Program watershed model segments within each river basin. A delivered load equals the discharged load multiplied by the delivery factor.

<u>River Basin</u>	<u>CBP Watershed Model Segment</u>	<u>Nitrogen Delivery Factor</u>	<u>Phosphorus Delivery Factor</u>
<u>Shenandoah-Potomac</u>	<u>170</u>	<u>0.55</u>	<u>0.75</u>
<u>Shenandoah-Potomac</u>	<u>180</u>	<u>0.82</u>	<u>0.75</u>
<u>Shenandoah-Potomac</u>	<u>190</u>	<u>0.42</u>	<u>0.74</u>
<u>Shenandoah-Potomac</u>	<u>200</u>	<u>0.65</u>	<u>0.74</u>
<u>Shenandoah-Potomac</u>	<u>220</u>	<u>0.83</u>	<u>0.75</u>
<u>Shenandoah-Potomac</u>	<u>550</u>	<u>0.58 or 1.00*</u>	<u>0.44 or 1.00*</u>
<u>Shenandoah-Potomac</u>	<u>740</u>	<u>0.74</u>	<u>0.75</u>
<u>Shenandoah-Potomac</u>	<u>900</u>	<u>1.00</u>	<u>1.00</u>
<u>Shenandoah-Potomac</u>	<u>910</u>	<u>1.00</u>	<u>1.00</u>
<u>Shenandoah-Potomac</u>	<u>970</u>	<u>1.00</u>	<u>1.00</u>



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<u>Shenandoah-Potomac</u>	<u>980</u>	<u>1.00</u>	<u>1.00</u>
<u>Rappahannock</u>	<u>230</u>	<u>0.61</u>	<u>1.03</u>
<u>Rappahannock</u>	<u>560</u>	<u>1.00</u>	<u>1.00</u>
<u>Rappahannock</u>	<u>580</u>	<u>1.00</u>	<u>1.00</u>
<u>Rappahannock</u>	<u>930</u>	<u>1.00</u>	<u>1.00</u>
<u>York</u>	<u>235</u>	<u>0.27</u>	<u>0.43</u>
<u>York</u>	<u>240</u>	<u>0.42</u>	<u>0.43</u>
<u>York</u>	<u>250</u>	<u>0.02</u>	<u>0.58</u>
<u>York</u>	<u>260</u>	<u>0.51</u>	<u>0.58</u>
<u>York</u>	<u>590</u>	<u>1.00</u>	<u>1.00</u>
<u>York</u>	<u>940</u>	<u>1.00</u>	<u>1.00</u>
<u>James</u>	<u>265</u>	<u>0.02</u>	<u>1.10</u>
<u>James</u>	<u>270</u>	<u>0.30</u>	<u>1.10</u>
<u>James</u>	<u>280</u>	<u>0.61</u>	<u>1.10</u>
<u>James</u>	<u>290</u>	<u>0.81</u>	<u>1.00</u>
<u>James</u>	<u>300</u>	<u>0.37</u>	<u>0.42</u>
<u>James</u>	<u>310</u>	<u>0.54</u>	<u>0.39</u>
<u>James</u>	<u>600</u>	<u>1.00</u>	<u>1.00</u>
<u>James</u>	<u>610</u>	<u>1.00</u>	<u>1.00</u>
<u>James</u>	<u>620</u>	<u>1.00</u>	<u>1.00</u>
<u>James</u>	<u>630</u>	<u>1.00</u>	<u>1.00</u>
<u>James</u>	<u>950</u>	<u>1.00</u>	<u>1.00</u>
<u>James</u>	<u>955</u>	<u>1.00</u>	<u>1.00</u>
<u>James</u>	<u>960</u>	<u>1.00</u>	<u>1.00</u>
<u>James</u>	<u>965</u>	<u>1.00</u>	<u>1.00</u>
<u>C. Bay - Eastern Shore</u>	<u>430</u>	<u>1.00</u>	<u>1.00</u>

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<u>C. Bay - Eastern Shore</u>	<u>440</u>	<u>1.00</u>	<u>1.00</u>
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NOTE: \* Drainage to Occoquan Reservoir - delivery factors = 0.58 for nitrogen; 0.44 for phosphorus.

Drainage outside Occoquan Reservoir - delivery factors = 1.00 for both nitrogen and phosphorus.

9VAC25-720-50. Potomac, Shenandoah River Basin.

[NOTE: Existing regulatory text of paragraphs A. and B. remains unchanged and are not set out in this draft to simplify review of the proposed language.]

A. Total maximum daily load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved

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WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY  
MANAGEMENT PLANNING REGULATION**

within four years following reissuance or modification of the discharger's VPDES permit, but in  
no case later than December 31, 2010.

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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

<u>CBP</u>				<u>Total Nitrogen</u>	<u>TN</u>	<u>TN Waste</u>	<u>Total Phosphorus</u>	<u>TP</u>	<u>TP Waste</u>
<u>Watershed</u>	<u>Virginia</u>		<u>VPDES</u>	<u>(TN) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>	<u>(TP) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>
<u>Model Segment</u>	<u>Waterbody ID</u>	<u>Discharger Name</u>	<u>Permit No.</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>
190	B37R	Coors Brewing Company	VA0073245	55,000	0.42	23,000	4,100	0.74	3,000
190	B14R	Fishersville Regional STP	VA0025291	24,000	0.42	10,000	1,800	0.74	1,400
190	B32R	INVISTA - Waynesboro	VA0002160	29,000	0.42	12,000	1,300	0.74	940
190	B39R	Luray STP	VA0062642	19,000	0.42	8,200	1,500	0.74	1,100
190	B35R	Massanutten PSA STP	VA0024732	18,000	0.42	7,700	1,400	0.74	1,000
190	B37R	Merck - Stonewall WWTP	VA0002178	96,000	0.42	40,000	15,000	0.74	11,000
190	B12R	Middle River Regional STP	VA0064793	83,000	0.42	35,000	6,200	0.74	4,600
190	B23R	North River WWTF	VA0060640	190,000	0.42	82,000	15,000	0.74	11,000
190	B22R	Pilgrims Pride - Hinton	VA0002313	27,000	0.42	12,000	1,400	0.74	1,000
190	B31R	Stuarts Draft WWTP	VA0066877	29,000	0.42	12,000	2,200	0.74	1,600
190	B32R	Waynesboro STP	VA0025151	49,000	0.42	20,000	3,600	0.74	2,700
190	B23R	Weyers Cave STP	VA0022349	6,100	0.42	2,600	460	0.74	340
200	B58R	Berryville STP	VA0020532	5,500	0.65	3,600	410	0.74	300
200	B55R	Front Royal STP	VA0062812	49,000	0.65	32,000	3,600	0.74	2,700

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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

200	B49R	<a href="#">Georges Chicken LLC</a>	<a href="#">VA0077402</a>	<a href="#">31.000</a>	<a href="#">0.65</a>	<a href="#">20.000</a>	<a href="#">1.600</a>	<a href="#">0.74</a>	<a href="#">1.100</a>
200	B48R	<a href="#">Mt. Jackson STP</a>	<a href="#">VA0026441</a>	<a href="#">7.300</a>	<a href="#">0.65</a>	<a href="#">4.800</a>	<a href="#">550</a>	<a href="#">0.74</a>	<a href="#">410</a>
200	B45R	<a href="#">New Market STP</a>	<a href="#">VA0022853</a>	<a href="#">6.100</a>	<a href="#">0.65</a>	<a href="#">4.000</a>	<a href="#">460</a>	<a href="#">0.74</a>	<a href="#">340</a>
200	B45R	<a href="#">North Fork (SIL) WWTF</a>	<a href="#">VA0090263</a>	<a href="#">23.000</a>	<a href="#">0.65</a>	<a href="#">15.000</a>	<a href="#">1.800</a>	<a href="#">0.74</a>	<a href="#">1.300</a>
200	B49R	<a href="#">Stoney Creek SD STP</a>	<a href="#">VA0028380</a>	<a href="#">7.300</a>	<a href="#">0.65</a>	<a href="#">4.800</a>	<a href="#">550</a>	<a href="#">0.74</a>	<a href="#">410</a>
200	B51R	<a href="#">Strasburg STP</a>	<a href="#">VA0020311</a>	<a href="#">12.000</a>	<a href="#">0.65</a>	<a href="#">7.800</a>	<a href="#">900</a>	<a href="#">0.74</a>	<a href="#">660</a>
200	B50R	<a href="#">Woodstock STP</a>	<a href="#">VA0026468</a>	<a href="#">9.700</a>	<a href="#">0.65</a>	<a href="#">6.300</a>	<a href="#">730</a>	<a href="#">0.74</a>	<a href="#">540</a>
220	A06R	<a href="#">Basham Simms WWTF</a>	<a href="#">VA0022802</a>	<a href="#">12.000</a>	<a href="#">0.83</a>	<a href="#">10.000</a>	<a href="#">910</a>	<a href="#">0.75</a>	<a href="#">690</a>
220	A09R	<a href="#">Broad Run WRF</a>	<a href="#">VA0091383</a>	<a href="#">120.000</a>	<a href="#">0.83</a>	<a href="#">100.000</a>	<a href="#">3.000</a>	<a href="#">0.75</a>	<a href="#">2.300</a>
220	A08R	<a href="#">Leesburg WPCF</a>	<a href="#">MD0066184</a>	<a href="#">120.000</a>	<a href="#">0.83</a>	<a href="#">100.000</a>	<a href="#">9.100</a>	<a href="#">0.75</a>	<a href="#">6.800</a>
220	A06R	<a href="#">Round Hill Town WWTF</a>	<a href="#">VA0026212</a>	<a href="#">6.100</a>	<a href="#">0.83</a>	<a href="#">5.000</a>	<a href="#">460</a>	<a href="#">0.75</a>	<a href="#">340</a>
550	A25R	<a href="#">DSC - Section 1 WWTF</a>	<a href="#">VA0024724</a>	<a href="#">36.000</a>	<a href="#">1.00</a>	<a href="#">36.000</a>	<a href="#">2.200</a>	<a href="#">1.00</a>	<a href="#">2.200</a>
550	A25R	<a href="#">DSC - Section 8 WWTF</a>	<a href="#">VA0024678</a>	<a href="#">36.000</a>	<a href="#">1.00</a>	<a href="#">36.000</a>	<a href="#">2.200</a>	<a href="#">1.00</a>	<a href="#">2.200</a>
550	A25E	<a href="#">H L Mooney WWTF</a>	<a href="#">VA0025101</a>	<a href="#">220.000</a>	<a href="#">1.00</a>	<a href="#">220.000</a>	<a href="#">13.000</a>	<a href="#">1.00</a>	<a href="#">13.000</a>
550	A22R	<a href="#">UOSA - Centreville</a>	<a href="#">VA0024988</a>	<a href="#">1.300.000</a>	<a href="#">0.58</a>	<a href="#">760.000</a>	<a href="#">16.000</a>	<a href="#">0.44</a>	<a href="#">7.200</a>
550	A19R	<a href="#">Vint Hill WWTF</a>	<a href="#">VA0020460</a>	<a href="#">5.500</a>	<a href="#">0.58</a>	<a href="#">3.200</a>	<a href="#">550</a>	<a href="#">0.44</a>	<a href="#">240</a>
740	B08R	<a href="#">Opequon WRF</a>	<a href="#">VA0065552</a>	<a href="#">100.000</a>	<a href="#">0.74</a>	<a href="#">76.000</a>	<a href="#">7.700</a>	<a href="#">0.75</a>	<a href="#">5.700</a>
740	B08R	<a href="#">Parkins Mills STP</a>	<a href="#">VA0075191</a>	<a href="#">26.000</a>	<a href="#">0.74</a>	<a href="#">19.000</a>	<a href="#">1.900</a>	<a href="#">0.75</a>	<a href="#">1.400</a>
900	A13E	<a href="#">Alexandria SA WWTF</a>	<a href="#">VA0025160</a>	<a href="#">490.000</a>	<a href="#">1.00</a>	<a href="#">490.000</a>	<a href="#">30.000</a>	<a href="#">1.00</a>	<a href="#">30.000</a>

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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

900	A12E	Arlington County Water PCF	VA0025143	360,000	1.00	360,000	22,000	1.00	22,000
900	A16R	Noman M Cole Jr PCF	VA0025364	610,000	1.00	610,000	37,000	1.00	37,000
910	A12R	Blue Plains (VA Share)	DC0021199	580,000	1.00	580,000	26,000	1.00	26,000
970	A26R	Quantico WWTF	VA0028363	20,000	1.00	20,000	1,200	1.00	1,200
980	A28R	Aquia WWTF	VA0060968	59,000	1.00	59,000	3,600	1.00	3,600
980	A31E	Colonial Beach STP	VA0026409	18,000	1.00	18,000	1,800	1.00	1,800
980	A30E	Dahlgren WWTF	VA0026514	9,100	1.00	9,100	910	1.00	910
980	A29E	Fairview Beach	MD0056464	1,800	1.00	1,800	180	1.00	180
980	A30E	US NSWC-Dahlgren WWTF	VA0021067	6,600	1.00	6,600	660	1.00	660
980	A26R	Widewater WWTF	VA0090387	4,600	1.00	4,600	270	1.00	270
		<b>TOTALS:</b>		<b>4,916,700</b>		<b>3,887,100</b>	<b>245,200</b>		<b>213,130</b>

**STATE WATER CONTROL BOARD PAGE 23 OF 37**  
**9 VAC 25-40 POLICY-REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS**  
**WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY**  
**MANAGEMENT PLANNING REGULATION**

9VAC25-720-60. James River Basin.

[NOTE: Existing regulatory text of paragraphs A. and B. remains unchanged and are not set out in this draft to simplify review of the proposed language.]

A. Total maximum daily load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved

**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS  
WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY  
MANAGEMENT PLANNING REGULATION**

within four years following reissuance or modification of the discharger's VPDES permit, but in  
no case later than December 31, 2010.



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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

<u>CBP</u>				<u>Total Nitrogen</u>	<u>TN</u>	<u>TN Waste</u>	<u>Total Phosphorus</u>	<u>TP</u>	<u>TP Waste</u>
<u>Watershed</u>	<u>Virginia</u>		<u>VPDES</u>	<u>(TN) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>	<u>(TP) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>
<u>Model Segment</u>	<u>Waterbody ID</u>	<u>Discharger Name</u>	<u>Permit No.</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>
270	I37R	Buena Vista STP	VA0020991	35,000	0.30	10,000	4,400	1.10	4,800
270	I09R	Clifton Forge STP	VA0022772	39,000	0.30	12,000	4,900	1.10	5,400
270	I09R	Covington STP	VA0025542	44,000	0.30	13,000	5,500	1.10	6,100
270	H02R	Georgia Pacific I	VA0003026	99,000	0.30	30,000	66,000	1.10	72,000
270	I04R	Hot Springs Regional STP	VA0066303	10,000	0.30	3,100	1,300	1.10	1,400
270	I37R	Lees Carpets	VA0004677	22,000	0.30	6,600	22,000	1.10	24,000
270	I35R	Lexington-Rockbridge WQCF	VA0088161	29,000	0.30	8,800	3,600	1.10	4,000
270	I09R	Low Moor STP	VA0027979	7,300	0.30	2,200	910	1.10	1,000
270	I09R	Lower Jackson River STP	VA0090671	14,000	0.30	4,100	1,500	1.10	1,700
270	I04R	MeadWestvaco	VA0003646	370,000	0.30	110,000	160,000	1.10	180,000
280	H12R	Amherst Town □ STP	VA0031321	6,000	0.61	3,700	550	1.10	600
280	H05R	BWX Technologies Inc	VA0003697	120,000	0.61	71,000	760	1.10	840
280	H05R	Greif Inc. □ Riverville	VA0006408	65,000	0.61	40,000	31,000	1.10	34,000

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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

280	H31R	Lake Monticello STP	VA0024945	17,000	0.61	10,000	1,100	1.10	1,200
280	H05R	Lynchburg City STP	VA0024970	420,000	0.61	260,000	26,000	1.10	29,000
280	H28R	Moore's Creek Regional STP	VA0025518	290,000	0.61	180,000	18,000	1.10	20,000
290	H38R	Powhatan CC STP	VA0020699	7,700	0.81	6,200	480	1.10	530
300	J11R	Crewe WWTP	VA0020303	7,300	0.37	2,700	910	0.42	380
300	J01R	Farmville WWTP	VA0083135	27,000	0.37	9,900	3,400	0.42	1,400
600	G02E	Brown and Williamson	VA0002780	19,000	1.00	19,000	1,900	1.00	1,900
600	G01E	E I du Pont - Spruance	VA0004669	200,000	1.00	200,000	7,800	1.00	7,800
600	G01E	Falling Creek WWTP	VA0024996	140,000	1.00	140,000	14,000	1.00	14,000
600	G01E	Henrico County WWTP	VA0063690	780,000	1.00	780,000	78,000	1.00	78,000
600	G03E	Honeywell - Hopewell	VA0005291	1,100,000	1.00	1,100,000	52,000	1.00	52,000
600	G03R	Hopewell WWTP	VA0066630	1,200,000	1.00	1,200,000	53,000	1.00	53,000
600	G15E	HRSD - Boat Harbor STP	VA0081256	540,000	1.00	540,000	49,000	1.00	49,000
600	G11E	HRSD - James River STP	VA0081272	570,000	1.00	570,000	52,000	1.00	52,000
600	G10E	HRSD - Williamsburg STP	VA0081302	500,000	1.00	500,000	46,000	1.00	46,000
600	G02E	Philip Morris - Park 500	VA0026557	40,000	1.00	40,000	7,400	1.00	7,400
600	G01E	Proctors Creek WWTP	VA0060194	290,000	1.00	290,000	29,000	1.00	29,000
600	G01E	Richmond WWTP	VA0063177	1,000,000	1.00	1,000,000	73,000	1.00	73,000
600	J15R	South Central WW Authority	VA0025437	210,000	1.00	210,000	21,000	1.00	21,000

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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

610	G07R	Chickahominy WWTP	VA0088480	2,300	1.00	2,300	76	1.00		76
610	G05R	Tyson Foods - Glen Allen	VA0004031	21,000	1.00	21,000	430	1.00		430
620	G11E	HRSD - Nansemond STP	VA0081299	640,000	1.00	640,000	58,000	1.00		58,000
960	G15E	HRSD - Army Base STP	VA0081230	500,000	1.00	500,000	46,000	1.00		46,000
960	G15E	HRSD - VIP WWTP	VA0081281	1,100,000	1.00	1,100,000	97,000	1.00		97,000
960	G15E	JH Miles & Company	VA0003263	20,000	1.00	20,000	680	1.00		680
965	C07E	HRSD □ Ches.-Elizabeth STP	VA0081264	1,500,000	1.00	1,500,000	110,000	1.00		110,000
		<b>TOTALS</b>		<b>12,001,600</b>		<b>11,155,600</b>	<b>1,148,596</b>			<b>1,184,636</b>

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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS**  
**WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY**  
**MANAGEMENT PLANNING REGULATION**

9VAC25-720-70. Rappahannock River Basin.

[NOTE: Existing regulatory text of paragraphs A. and B. remains unchanged and are not set out in this draft to simplify review of the proposed language.]

A. Total maximum Daily Load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved

**9 VAC 25-40 ~~POLICY~~ REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS  
WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY  
MANAGEMENT PLANNING REGULATION**

within four years following reissuance or modification of the discharger's VPDES permit, but in  
no case later than December 31, 2010.

**STATE WATER CONTROL BOARD PAGE 30 OF 37**

**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

<u>CBP</u>				<u>Total Nitrogen</u>	<u>TN</u>	<u>TN Waste</u>	<u>Total Phosphorus</u>	<u>TP</u>	<u>TP Waste</u>
<u>Watershed</u>	<u>Virginia</u>		<u>VPDES</u>	<u>(TN) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>	<u>(TP) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>
<u>Model Segment</u>	<u>Waterbody ID</u>	<u>Discharger Name</u>	<u>Permit No.</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>
<u>230</u>	<u>E09R</u>	<u>Culpeper WWTP</u>	<u>VA0061590</u>	<u>55,000</u>	<u>0.61</u>	<u>33,000</u>	<u>4,100</u>	<u>1.03</u>	<u>4,200</u>
<u>230</u>	<u>E02R</u>	<u>Marshall WWTP</u>	<u>VA0031763</u>	<u>7,800</u>	<u>0.61</u>	<u>4,800</u>	<u>580</u>	<u>1.03</u>	<u>600</u>
<u>230</u>	<u>E13R</u>	<u>Orange STP</u>	<u>VA0021385</u>	<u>18,000</u>	<u>0.61</u>	<u>11,000</u>	<u>1,400</u>	<u>1.03</u>	<u>1,400</u>
<u>230</u>	<u>E11R</u>	<u>Rapidan STP</u>	<u>VA0090948</u>	<u>7,300</u>	<u>0.61</u>	<u>4,400</u>	<u>550</u>	<u>1.03</u>	<u>560</u>
<u>230</u>	<u>E02R</u>	<u>Remington WWTP</u>	<u>VA0076805</u>	<u>24,000</u>	<u>0.61</u>	<u>15,000</u>	<u>1,800</u>	<u>1.03</u>	<u>1,900</u>
<u>230</u>	<u>E02R</u>	<u>South Wales Utility STP</u>	<u>VA0080527</u>	<u>11,000</u>	<u>0.61</u>	<u>6,700</u>	<u>820</u>	<u>1.03</u>	<u>850</u>
<u>230</u>	<u>E02R</u>	<u>Warrenton Town STP</u>	<u>VA0021172</u>	<u>30,000</u>	<u>0.61</u>	<u>18,000</u>	<u>2,300</u>	<u>1.03</u>	<u>2,400</u>
<u>230</u>	<u>E18R</u>	<u>Wilderness WWTP</u>	<u>VA0083411</u>	<u>9,100</u>	<u>0.61</u>	<u>5,600</u>	<u>680</u>	<u>1.03</u>	<u>710</u>
<u>560</u>	<u>E20E</u>	<u>FMC WWTF</u>	<u>VA0068110</u>	<u>66,000</u>	<u>1.00</u>	<u>66,000</u>	<u>4,900</u>	<u>1.00</u>	<u>4,900</u>
<u>560</u>	<u>E20E</u>	<u>Fredericksburg WWTF</u>	<u>VA0025127</u>	<u>43,000</u>	<u>1.00</u>	<u>43,000</u>	<u>3,200</u>	<u>1.00</u>	<u>3,200</u>
<u>560</u>	<u>E21E</u>	<u>Haymount WWTF</u>	<u>VA0089125</u>	<u>12,000</u>	<u>1.00</u>	<u>12,000</u>	<u>870</u>	<u>1.00</u>	<u>870</u>
<u>560</u>	<u>E24E</u>	<u>Haynesville CC WWTP</u>	<u>VA0023469</u>	<u>2,800</u>	<u>1.00</u>	<u>2,800</u>	<u>210</u>	<u>1.00</u>	<u>210</u>
<u>560</u>	<u>E20E</u>	<u>Little Falls Run WWTF</u>	<u>VA0076392</u>	<u>97,000</u>	<u>1.00</u>	<u>97,000</u>	<u>7,300</u>	<u>1.00</u>	<u>7,300</u>
<u>560</u>	<u>E20E</u>	<u>Massaponax WWTF</u>	<u>VA0025658</u>	<u>97,000</u>	<u>1.00</u>	<u>97,000</u>	<u>7,300</u>	<u>1.00</u>	<u>7,300</u>

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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

560	E23R	Montross Westmoreland WWTP	VA0072729	1,200	1.00	1,200	91	1.00		91
560	E23E	Tappahannock WWTP	VA0071471	9,700	1.00	9,700	730	1.00		730
560	E26E	Urbanna WWTP	VA0026263	1,200	1.00	1,200	91	1.00		91
560	E21R	US Army - Ft. A P Hill WWTP	VA0032034	6,400	1.00	6,400	480	1.00		480
560	E23E	Warsaw Aerated Lagoons	VA0026891	3,600	1.00	3,600	270	1.00		270
580	C01E	Omega Protein - Reedville	VA0003867	16,000	1.00	16,000	1,200	1.00		1,200
580	C01E	Reedville Sanitary District	VA0060712	2,400	1.00	2,400	180	1.00		180
930	C01E	Kilmarnock WTP	VA0020788	6,100	1.00	6,100	460	1.00		460
		<b>TOTALS:</b>		<b>526,600</b>		<b>462,900</b>	<b>39,512</b>			<b>39,902</b>

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**9 VAC 25-40 POLICY-REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS**  
**WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY**  
**MANAGEMENT PLANNING REGULATION**

9VAC25-720-110. Chesapeake Bay - Small Coastal - Eastern Shore River Basin.

[NOTE: Existing regulatory text of paragraphs A. and B. remains unchanged and are not set out in this draft to simplify review of the proposed language.]

A. Total maximum Daily Load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved



**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS  
WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY  
MANAGEMENT PLANNING REGULATION**

within four years following reissuance or modification of the discharger's VPDES permit, but in  
no case later than December 31, 2010.

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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

<u>CBP</u>				<u>Total Nitrogen</u>	<u>TN</u>	<u>TN Waste</u>	<u>Total Phosphorus</u>	<u>TP</u>	<u>TP Waste</u>	
<u>Watershed</u>	<u>Virginia</u>		<u>VPDES</u>	<u>(TN) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>	<u>(TP) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>	
<u>Model Segment</u>	<u>Waterbody ID</u>	<u>Discharger Name</u>	<u>Permit No.</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>	
440	C16E	Cape Charles Town WWTP	VA0021288	6,100	1.00	6,100	460	1.00		460
440	C11E	Onancock WWTP	VA0021253	3,000	1.00	3,000	230	1.00		230
440	C13E	Shore Memorial Hospital	VA0027537	1,200	1.00	1,200	91	1.00		91
440	C10E	Tangier WWTP	VA0067423	1,200	1.00	1,200	91	1.00		91
440	C10R	Tyson Foods - Temperanceville	VA0004049	20,000	1.00	20,000	980	1.00		980
		<u>TOTALS:</u>		<u>31,500</u>		<u>31,500</u>	<u>1,852</u>			<u>1,852</u>

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**9 VAC 25-40 POLICY-REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS**  
**WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY**  
**MANAGEMENT PLANNING REGULATION**

9VAC25-720-120. York River Basin.

[NOTE: Existing regulatory text of paragraphs A. and B. remains unchanged and are not set out in this draft to simplify review of the proposed language.]

A. Total Maximum Daily Load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved

**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS  
WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY  
MANAGEMENT PLANNING REGULATION**

within four years following reissuance or modification of the discharger's VPDES permit, but in  
no case later than December 31, 2010.

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**9 VAC 25-40 POLICY REGULATION FOR NUTRIENT ENRICHED WATERS AND DISCHARGERS WITHIN THE CHESAPEAKE BAY WATERSHED AND 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION**

<u>CBP</u>				<u>Total Nitrogen</u>	<u>TN</u>	<u>TN Waste</u>	<u>Total Phosphorus</u>	<u>TP</u>	<u>TP Waste</u>
<u>Watershed</u>	<u>Virginia</u>		<u>VPDES</u>	<u>(TN) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>	<u>(TP) Waste Load</u>	<u>Delivery</u>	<u>Load Delivered</u>
<u>Model Segment</u>	<u>Waterbody ID</u>	<u>Discharger Name</u>	<u>Permit No.</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>	<u>Allocation (lbs/yr)</u>	<u>Factor</u>	<u>Allocation (lbs/yr)</u>
<u>240</u>	<u>F20R</u>	<u>Caroline County STP</u>	<u>VA0073504</u>	<u>7,300</u>	<u>0.42</u>	<u>3,100</u>	<u>460</u>	<u>0.43</u>	<u>200</u>
<u>250</u>	<u>F01R</u>	<u>Gordonsville STP</u>	<u>VA0021105</u>	<u>16,000</u>	<u>0.02</u>	<u>330</u>	<u>1,000</u>	<u>0.58</u>	<u>590</u>
<u>260</u>	<u>F04R</u>	<u>Ashland WWTP</u>	<u>VA0024899</u>	<u>38,000</u>	<u>0.51</u>	<u>19,000</u>	<u>2,400</u>	<u>0.58</u>	<u>1,400</u>
<u>260</u>	<u>F09R</u>	<u>Doswell WWTP</u>	<u>VA0029521</u>	<u>110,000</u>	<u>0.51</u>	<u>56,000</u>	<u>6,800</u>	<u>0.58</u>	<u>4,000</u>
<u>590</u>	<u>F27E</u>	<u>Giant Yorktown Refinery</u>	<u>VA0003018</u>	<u>170,000</u>	<u>1.00</u>	<u>170,000</u>	<u>22,000</u>	<u>1.00</u>	<u>22,000</u>
<u>590</u>	<u>F27E</u>	<u>HRSD - York River STP</u>	<u>VA0081311</u>	<u>310,000</u>	<u>1.00</u>	<u>310,000</u>	<u>19,000</u>	<u>1.00</u>	<u>19,000</u>
<u>590</u>	<u>F14R</u>	<u>Parham Landing WWTP</u>	<u>VA0088331</u>	<u>5,200</u>	<u>1.00</u>	<u>5,200</u>	<u>520</u>	<u>1.00</u>	<u>520</u>
<u>590</u>	<u>F14E</u>	<u>Smurfit Stone - West Point</u>	<u>VA0003115</u>	<u>300,000</u>	<u>1.00</u>	<u>300,000</u>	<u>28,000</u>	<u>1.00</u>	<u>28,000</u>
<u>590</u>	<u>F12E</u>	<u>Totopotomoy WWTP</u>	<u>VA0089915</u>	<u>120,000</u>	<u>1.00</u>	<u>120,000</u>	<u>7,600</u>	<u>1.00</u>	<u>7,600</u>
<u>590</u>	<u>F25E</u>	<u>West Point STP</u>	<u>VA0075434</u>	<u>15,000</u>	<u>1.00</u>	<u>15,000</u>	<u>910</u>	<u>1.00</u>	<u>910</u>
<u>940</u>	<u>C04E</u>	<u>HRSD Mathews Courthouse STP</u>	<u>VA0028819</u>	<u>1,900</u>	<u>1.00</u>	<u>1,900</u>	<u>120</u>	<u>1.00</u>	<u>120</u>
		<u>TOTALS:</u>		<u>1,093,400</u>		<u>1,000,530</u>	<u>88,810</u>		<u>84,340</u>