

SECTION 9. CHESAPEAKE BAY TMDLS

This section presents the segment-specific and sector-specific Chesapeake Bay TMDL allocations for nitrogen, phosphorus, and sediment that resulted from EPA's evaluation of the jurisdictions' final Phase I WIPs as described in Section 8.

The MOS is implicit for the nitrogen and phosphorus allocations, having been built into the suite of decision-making tools, procedures and assumptions described in the previous sections (see Section 6.2.4). In the case of the sediment allocations, the explicit MOS is built directly into the allocations themselves (see Section 6.5.4). Natural background loads are included in the LAs presented in this section and the referenced appendices.

9.1 BAY SEGMENT ANNUAL AND DAILY ALLOCATIONS TO MEET WQS

Tables 9-1, 9-2, and 9-3 provide the annual total nitrogen, total phosphorus, and total suspended solids (sediment) allocations, respectively, for the watershed areas draining to each of the 92 Chesapeake Bay segments necessary to meet their applicable WQS. Those allocations are calculated as delivered loads (the loading that actually reaches tidal waters) and as annual loads. These tables are structured by major basin from north to south with western shore first and eastern shore second. The Bay and tidal tributary segments themselves are listed in geographic order from the head of tide down river from north to south. Each of the 92 segments is displayed as white rows while contributing portions of some of the 92 segments are displayed as gray rows. Table 9-4 provides the individual WLAs (annual) for total nitrogen, total phosphorus, and total suspended solids (sediment) for each of the 478 significant permitted dischargers. All WLAs listed in Table 9-4 are calculated as edge-of-stream loads (the loading that reaches a simulated stream segment from a point in that stream's watershed). More detailed LAs and WLAs are provided in Appendix Q for annual TMDLs and in Appendix R for daily TMDLs.

Table 9-1. Chesapeake Bay TMDL total nitrogen (TN) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TN WLA (lbs/yr)	TN Land Based LA (lbs/yr)	TN AtDep ^c LA (lbs/yr)	TN TMDL (lbs/yr)	TN 2009 Existing (lbs/yr)
CB1TF	NY	Northern Chesapeake Bay	1,305,533	7,466,415		8,771,948	10,947,653
CB1TF	PA	Northern Chesapeake Bay	13,938,796	54,965,400		68,904,197	101,652,996
CB1TF	MD	Northern Chesapeake Bay	292,953	1,173,509		1,466,462	1,943,851
CB1TF		Northern Chesapeake Bay	15,537,282	63,605,325	337,488	79,480,095	114,544,499
BSHOH	MD	Bush River	445,589	282,015	68,092	795,696	930,895
GUNOH	PA	Gunpowder River	90	19,866		19,957	30,135
GUNOH	MD	Gunpowder River	255,714	792,403		1,048,117	1,305,958
GUNOH		Gunpowder River	255,804	812,269	73,337	1,141,411	1,336,092
MIDOH	MD	Middle River	31,639	26,896	32,551	91,085	147,687
BACOH	MD	Back River	1,700,239	23,108	25,010	1,748,357	2,233,080
PATMH	MD	Patapsco River	3,475,456	606,149	213,246	4,294,851	7,602,511
MAGMH	MD	Magothy River	48,270	91,496	45,831	185,597	236,865
SEVMH	MD	Severn River	244,630	114,992	64,618	424,239	445,316
SOUMH	MD	South River	49,303	98,704	37,585	185,591	219,201
RHDMH	MD	Rhode River	14,888	20,632	13,683	49,203	53,329
WSTMH	MD	West River	5,292	22,517	18,626	46,435	39,366
WBRTF	MD	Western Branch Patuxent River	97,386	116,500	360	214,246	239,170
PAXTF	MD	Upper Patuxent River	1,110,871	685,570	12,074	1,808,516	1,768,198
PAXOH	MD	Middle Patuxent River	11,563	267,180	28,352	307,095	359,289
PAXMH	MD	Lower Patuxent River	27,816	456,617	148,769	633,203	627,161
ANATF_MD	MD	Anacostia River, MD	294,029	149,357		443,386	507,448
ANATF_MD	DC	Anacostia River, MD	11,055	970		12,026	13,640
ANATF_MD		Anacostia River, MD	305,084	150,327	1,124	456,535	521,088
ANATF_DC	MD	Anacostia River, DC	39,160	6,780		45,940	54,823
ANATF_DC	DC	Anacostia River, DC	41,153	17,652		58,805	131,992
ANATF_DC		Anacostia River, DC	80,313	24,432	7,248	111,993	186,815
POTTF_MD	PA	Upper Potomac River, MD	342,541	4,378,072		4,720,613	6,228,235
POTTF_MD	MD	Upper Potomac River, MD	2,634,386	9,009,270		11,643,656	13,520,999
POTTF_MD	DC	Upper Potomac River, MD	15,397	3,038		18,435	202,365
POTTF_MD	VA	Upper Potomac River, MD	2,189,118	9,815,634		12,004,752	13,761,560

Table 9-1. Chesapeake Bay TMDL total nitrogen (TN) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TN WLA (lbs/yr)	TN Land Based LA (lbs/yr)	TN AtDep ^c LA (lbs/yr)	TN TMDL (lbs/yr)	TN 2009 Existing (lbs/yr)
POTTF_MD	WV	Upper Potomac River, MD	472,895	4,961,651		5,434,546	5,909,347
POTTF_MD		Upper Potomac River, MD	5,654,338	28,167,664	164,918	33,986,920	39,622,506
POTTF_DC	MD	Upper Potomac River, DC	2,102,951	48,466		2,151,417	2,340,588
POTTF_DC	DC	Upper Potomac River, DC	2,205,248	23,829		2,229,078	2,507,384
POTTF_DC	VA	Upper Potomac River, DC	692,389	12,535		704,924	880,860
POTTF_DC		Upper Potomac River, DC	5,000,589	84,831	34,413	5,119,832	5,728,832
POTTF_VA	VA	Upper Potomac River, VA	2,912,791	487,502	74,213	3,474,506	3,634,235
PISTF	MD	Piscataway Creek	426,385	88,969	6,263	521,617	463,644
MATTF	MD	Mattawoman Creek	44,833	124,244	8,762	177,840	198,150
POTOH1_MD	MD	Middle Potomac River, MD Mainstem	2,259	46,281		48,540	55,152
POTOH1_MD	VA	Middle Potomac River, MD Mainstem	5,603	24,015		29,617	33,122
POTOH1_MD		Middle Potomac River, MD Mainstem	7,862	70,296	309,297	387,455	88,274
POTOH2_MD	MD	Middle Potomac River, MD Nangemoy Creek	41,351	81,080	13,562	135,993	136,802
POTOH3_MD	MD	Middle Potomac River, MD Port Tobacco River	6,165	102,258	19,613	128,036	121,907
POTOH_VA	VA	Middle Potomac River, VA	144,881	366,024	36,719	547,624	569,992
POTMH_MD	MD	Lower Potomac River, MD	200,139	933,683		1,133,822	1,370,808
POTMH_MD	VA	Lower Potomac River, MD	168	57,574		57,742	78,506
POTMH_MD		Lower Potomac River, MD	200,307	991,257	1,047,100	2,238,664	1,449,314
POTMH_VA	VA	Lower Potomac River, VA	127,796	877,532	81,362	1,086,690	1,280,940
RPPTF	VA	Upper Rappahannock River	713,032	3,427,258	52,969	4,193,259	4,724,938
RPPOH	VA	Middle Rappahannock River	438	203,619	28,473	232,530	273,194
RPPMH	VA	Lower Rappahannock River	56,873	961,971	522,040	1,540,883	1,353,400
CRRMH	VA	Corrotoman River	21,563	135,107	37,232	193,902	177,281
MPNTF	VA	Upper Mattaponi River	55,429	971,640	19,845	1,046,913	1,268,961
MPNOH	VA	Lower Mattaponi River	11,425	125,500	15,545	152,470	172,806
PMKTF	VA	Upper Pamunkey River	313,111	1,602,061	22,674	1,937,846	2,137,617
PMKOH	VA	Lower Pamunkey River	301,581	64,773	16,059	382,413	311,629
PIAMH	VA	Piankatank River	32,045	313,841	72,763	418,650	394,383

Table 9-1. Chesapeake Bay TMDL total nitrogen (TN) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TN WLA (lbs/yr)	TN Land Based LA (lbs/yr)	TN AtDep ^c LA (lbs/yr)	TN TMDL (lbs/yr)	TN 2009 Existing (lbs/yr)
YRKMH	VA	Middle York River	15,026	333,648	164,516	513,189	428,617
YRKP	VA	Lower York River	61,648	107,505	119,007	288,160	165,661
MOBPH	VA	Mobjack Bay	712,032	351,903	366,485	1,430,420	1,518,048
JMSTF2	WV	Upper James River Upper	376	17,325		17,701	23,854
JMSTF2	VA	Upper James River Upper	5,013,858	8,298,038		13,311,896	15,313,468
JMSTF2		Upper James River Upper	5,014,234	8,315,363	178,108	13,507,705	15,337,322
JMSTF1	VA	Upper James River Lower	2,551,063	531,401	30,245	3,112,709	3,440,277
APPTF	VA	Appomattox River	421,341	1,392,078	26,741	1,840,160	2,169,402
CHKOH	VA	Chickahominy River	46,371	300,704	37,675	384,750	407,317
JMSOH	VA	Middle James River	278,731	275,044	207,608	761,382	730,672
JMSMH	VA	Lower James River	480,063	733,761	590,001	1,803,824	1,960,753
JMSPH	VA	Mouth of James River	1,022,650	7,286	116,792	1,146,728	3,346,988
ELIPH	VA	Mouth to mid Elizabeth River	418,811	10,120	52,778	481,709	1,233,036
WBEMH	VA	Western Branch Elizabeth River	119,709	29,560	14,005	163,274	161,521
SBEMH	VA	Southern Branch Elizabeth River	246,851	76,507	18,868	342,226	416,080
EBEMH	VA	Eastern Branch Elizabeth River	162,243	9,662	14,810	186,716	263,580
LAFMH	VA	Lafayette River	70,367	1,941	7,274	79,582	71,296
LYNPH	VA	Lynnhaven River	409,349	25,873	5,728	440,951	1,850,029
NORTF	PA	Northeast River	1,324	33,132		34,456	55,984
NORTF	MD	Northeast River	55,341	177,361		232,702	253,404
NORTF		Northeast River	56,665	210,493	31,564	298,723	309,388
ELKOH	PA	Elk River	39,372	210,104		249,476	385,703
ELKOH	DE	Elk River	2,193	8,312		10,506	12,615
ELKOH	MD	Elk River	92,717	277,145		369,863	470,335
ELKOH		Elk River	134,283	495,562	83,506	713,351	868,653
C&DOH_DE	DE	C&D Canal, DE	5,787	14,830		20,617	29,732
C&DOH_DE	MD	C&D Canal, DE	1	105		106	193
C&DOH_DE		C&D Canal, DE	5,788	14,935	18,818	39,540	29,925
C&DOH_MD	DE	C&D Canal, MD	15,427	38,028		53,455	72,814
C&DOH_MD	MD	C&D Canal, MD	10,954	37,855		48,808	59,686

Table 9-1. Chesapeake Bay TMDL total nitrogen (TN) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TN WLA (lbs/yr)	TN Land Based LA (lbs/yr)	TN AtDep ^c LA (lbs/yr)	TN TMDL (lbs/yr)	TN 2009 Existing (lbs/yr)
C&DOH_MD		C&D Canal, MD	26,381	75,882	10,602	112,865	132,501
BOHOH	DE	Bohemia River	5,059	31,069		36,128	56,121
BOHOH	MD	Bohemia River	4,676	127,984		132,660	182,321
BOHOH		Bohemia River	9,735	159,053	34,514	203,302	238,442
SASOH	DE	Sassafras River	266	25,867		26,133	42,936
SASOH	MD	Sassafras River	6,320	253,244		259,563	398,175
SASOH		Sassafras River	6,585	279,111	65,635	351,331	441,111
CHSTF	DE	Upper Chester River	1,973	108,560		110,534	162,575
CHSTF	MD	Upper Chester River	8,590	419,379		427,969	576,551
CHSTF		Upper Chester River	10,563	527,939	13,240	551,742	739,126
CHSOH	MD	Middle Chester River	24,337	491,394	39,045	554,776	802,555
CHSMH	MD	Lower Chester River	48,244	426,553	214,655	689,453	633,424
EASMH	MD	Eastern Bay	33,621	553,829	309,901	897,352	795,200
CHOTF	DE	Upper Choptank River	5,477	247,037		252,514	376,251
CHOTF	MD	Upper Choptank River	38,113	1,117,792		1,155,905	1,479,532
CHOTF		Upper Choptank River	43,590	1,364,829	33,376	1,441,796	1,855,784
CHOOH	MD	Middle Choptank River	56,463	475,043	59,131	590,637	653,485
CHOMH2	MD	Mouth of Choptank River	112,961	239,223	130,585	482,769	385,997
CHOMH1	MD	Lower Choptank River	8,904	282,914	257,748	549,565	380,753
LCHMH	MD	Little Choptank River	1,454	179,887	102,495	283,836	225,829
HNGMH	MD	Honga River	494	46,750	96,162	143,406	59,280
FSBMH	MD	Fishing Bay	12,125	617,858	81,039	711,023	792,951
NANTF_DE	DE	Upper Nanticoke, DE	320,160	1,689,986		2,010,146	2,773,808
NANTF_DE	MD	Upper Nanticoke, DE	210	16,295		16,506	25,772
NANTF_DE		Upper Nanticoke, DE	320,371	1,706,282	33,839	2,060,492	2,799,580
NANTF_MD	DE	Upper Nanticoke, MD	0	231		231	355
NANTF_MD	MD	Upper Nanticoke, MD	6,883	50,104		56,986	67,870
NANTF_MD		Upper Nanticoke, MD	6,883	50,335	39,790	97,007	68,226
NANOH	DE	Middle Nanticoke River	6,253	322,431		328,684	475,395
NANOH	MD	Middle Nanticoke River	56,861	605,179		662,040	838,869

Table 9-1. Chesapeake Bay TMDL total nitrogen (TN) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TN WLA (lbs/yr)	TN Land Based LA (lbs/yr)	TN AtDep ^c LA (lbs/yr)	TN TMDL (lbs/yr)	TN 2009 Existing (lbs/yr)
NANO		Middle Nanticoke River	63,114	927,610	39,025	1,029,748	1,314,264
NANMH	MD	Lower Nanticoke River	2,120	111,021	66,561	179,702	127,980
WICMH	DE	Wicomico River	1,926	6,610		8,536	12,256
WICMH	MD	Wicomico River	147,286	500,869		648,154	902,542
WICMH		Wicomico River	149,212	507,479	81,392	738,082	914,798
MANMH	MD	Manokin River	42,169	211,375	88,913	342,457	249,077
BIGMH	MD	Big Annemessex River	2,677	71,365	71,912	145,954	80,947
POCTF	DE	Upper Pocomoke River	1,603	91,833		93,436	132,227
POCTF	MD	Upper Pocomoke River	39,327	767,616		806,943	887,951
POCTF		Upper Pocomoke River	40,931	859,449	20,328	920,708	1,020,178
POCOH_MD	MD	Middle Pocomoke River, MD	2,353	61,218	44,935	108,506	72,356
POCOH_VA	MD	Middle Pocomoke River, VA	770	58,791		59,560	69,459
POCOH_VA	VA	Middle Pocomoke River, VA	3,176	131,816		134,992	185,664
POCOH_VA		Middle Pocomoke River, VA	3,946	190,607	7,659	202,212	255,123
POCMH_MD	MD	Lower Pocomoke River, MD	1,317	92,217	124,041	217,575	99,014
POCMH_VA	VA	Lower Pocomoke River, VA	36,905	203,748	157,367	398,020	510,169
TANMH_MD	MD	Tangier Sound, MD	14,635	86,546	612,332	713,512	120,118
TANMH_VA	VA	Tangier Sound, VA	0	5,583	307,485	313,068	5,823
CB2OH	MD	Upper Chesapeake Bay	22,867	252,884	434,345	710,096	404,690
CB3MH	MD	Upper Central Chesapeake Bay	113,726	72,325	529,188	715,239	193,692
CB4MH	MD	Middle Central Chesapeake Bay	69,854	232,568	1,188,056	1,490,477	393,898
CB5MH_MD	MD	Lower Central Chesapeake Bay, MD	74,462	86,384	957,593	1,118,439	208,367
CB5MH_VA	VA	Lower Central Chesapeake Bay, VA	65,831	312,716	594,229	972,776	483,600
CB6PH	VA	Western Lower Chesapeake Bay	80	26,860	707,095	734,034	32,282
CB7PH	VA	Eastern Lower Chesapeake Bay	52,274	874,208	1,739,897	2,666,379	1,301,326
CB8PH	VA	Mouth of Chesapeake Bay	135,685	24,511	609,543	769,739	162,895
All	All	All	53,358,309	132,563,059	15,700,000	201,621,368	249,262,775

a. MOS is implicit for nitrogen (see Section 6.2.4)

b. Each of the 92 segments is displayed as white rows while contributing portions of some of the 92 segments are displayed as gray rows.

c. AtDep means atmospheric deposition only for direct deposition to tidal waters.

Note: Any differences between this table and Table 8-5 are due to rounding.

Table 9-2. Chesapeake Bay TMDL total phosphorus (TP) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TP WLA (lbs/yr)	TP Land Based LA (lbs/yr)	TP TMDL (lbs/yr)	TP 2009 Existing (lbs/yr)
CB1TF	NY	Northern Chesapeake Bay	101,576	464,126	565,702	801,589
CB1TF	PA	Northern Chesapeake Bay	1,207,756	1,287,074	2,494,830	3,409,157
CB1TF	MD	Northern Chesapeake Bay	23,108	47,626	70,734	82,274
CB1TF		Northern Chesapeake Bay	1,332,440	1,798,827	3,131,267	4,293,020
BSHOH	MD	Bush River	33,173	9,155	42,328	63,813
GUNOH	PA	Gunpowder River	18	983	1,001	1,062
GUNOH	MD	Gunpowder River	17,669	20,713	38,382	58,656
GUNOH		Gunpowder River	17,686	21,697	39,383	59,719
MIDOH	MD	Middle River	3,392	440	3,832	11,819
BACOH	MD	Back River	95,781	788	96,569	75,530
PATMH	MD	Patapsco River	212,595	14,772	227,366	397,260
MAGMH	MD	Magothy River	5,910	1,772	7,682	20,754
SEVMH	MD	Severn River	23,149	3,499	26,647	50,568
SOUMH	MD	South River	6,620	5,232	11,852	19,690
RHDMH	MD	Rhode River	1,339	1,962	3,301	4,354
WSTMH	MD	West River	960	2,123	3,083	4,227
WBRTF	MD	Western Branch Patuxent River	15,001	6,353	21,354	26,163
PAXTF	MD	Upper Patuxent River	98,055	41,553	139,607	150,585
PAXOH	MD	Middle Patuxent River	3,081	20,573	23,654	31,358
PAXMH	MD	Lower Patuxent River	16,584	30,632	47,216	63,861
ANATF_MD	MD	Anacostia River, MD	33,237	7,208	40,445	61,485
ANATF_MD	DC	Anacostia River, MD	1,433	95	1,528	2,705
ANATF_MD		Anacostia River, MD	34,669	7,303	41,973	64,190
ANATF_DC	MD	Anacostia River, DC	6,384	357	6,741	10,799
ANATF_DC	DC	Anacostia River, DC	6,845	2,283	9,129	27,387
ANATF_DC		Anacostia River, DC	13,229	2,641	15,870	38,186
POTTF_MD	PA	Upper Potomac River, MD	59,991	361,850	421,841	537,617
POTTF_MD	MD	Upper Potomac River, MD	194,657	379,011	573,668	696,408
POTTF_MD	DC	Upper Potomac River, MD	619	65	685	21,433

Table 9-2. Chesapeake Bay TMDL total phosphorus (TP) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TP WLA (lbs/yr)	TP Land Based LA (lbs/yr)	TP TMDL (lbs/yr)	TP 2009 Existing (lbs/yr)
POTTF_MD	VA	Upper Potomac River, MD	208,723	780,655	989,378	1,591,680
POTTF_MD	WV	Upper Potomac River, MD	63,734	519,726	583,459	819,300
POTTF_MD		Upper Potomac River, MD	527,724	2,041,307	2,569,031	3,666,438
POTTF_DC	MD	Upper Potomac River, DC	99,835	1,511	101,347	46,383
POTTF_DC	DC	Upper Potomac River, DC	107,806	1,801	109,607	34,853
POTTF_DC	VA	Upper Potomac River, DC	36,476	397	36,873	30,368
POTTF_DC		Upper Potomac River, DC	244,117	3,710	247,827	111,604
POTTF_VA	VA	Upper Potomac River, VA	201,920	32,105	234,026	193,977
PISTF	MD	Piscataway Creek	26,339	5,481	31,820	25,394
MATTF	MD	Mattawoman Creek	8,741	6,889	15,630	20,655
POTOH1_MD	MD	Middle Potomac River, MD Mainstem	592	3,603	4,195	4,415
POTOH1_MD	VA	Middle Potomac River, MD Mainstem	1,033	1,722	2,755	3,077
POTOH1_MD		Middle Potomac River, MD Mainstem	1,624	5,325	6,950	7,492
POTOH2_MD	MD	Middle Potomac River, MD Nangemoy Creek	4,809	5,234	10,043	11,413
POTOH3_MD	MD	Middle Potomac River, MD Port Tobacco River	1,116	8,243	9,358	9,972
POTOH_VA	VA	Middle Potomac River, VA	14,012	23,931	37,943	38,482
POTMH_MD	MD	Lower Potomac River, MD	22,450	88,603	111,053	125,786
POTMH_MD	VA	Lower Potomac River, MD	29	5,270	5,300	7,079
POTMH_MD		Lower Potomac River, MD	22,479	93,873	116,352	132,864
POTMH_VA	VA	Lower Potomac River, VA	14,146	84,514	98,660	135,581
RPPTF	VA	Upper Rappahannock River	99,695	630,035	729,730	875,321
RPPOH	VA	Middle Rappahannock River	51	19,923	19,974	23,141
RPPMH	VA	Lower Rappahannock River	7,522	94,953	102,475	130,960
CRRMH	VA	Corrotoman River	2,406	11,569	13,975	16,049
MPNTF	VA	Upper Mattaponi River	12,270	72,110	84,380	102,834
MPNOH	VA	Lower Mattaponi River	787	11,291	12,078	15,988
PMKTF	VA	Upper Pamunkey River	35,785	133,955	169,740	201,331
PMKOH	VA	Lower Pamunkey River	59,373	5,525	64,898	61,342
PIAMH	VA	Piankatank River	5,207	38,034	43,241	49,451
YRKMH	VA	Middle York River	2,736	28,149	30,885	39,514

Table 9-2. Chesapeake Bay TMDL total phosphorus (TP) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TP WLA (lbs/yr)	TP Land Based LA (lbs/yr)	TP TMDL (lbs/yr)	TP 2009 Existing (lbs/yr)
YRKPH	VA	Lower York River	7,994	7,734	15,727	16,751
MOBPH	VA	Mobjack Bay	85,291	27,892	113,183	127,487
JMSTF2	WV	Upper James River Upper	107	9,645	9,752	13,917
JMSTF2	VA	Upper James River Upper	496,605	999,919	1,496,524	1,973,287
JMSTF2		Upper James River Upper	496,712	1,009,564	1,506,276	1,987,204
JMSTF1	VA	Upper James River Lower	103,556	46,904	150,460	131,562
APPTF	VA	Appomattox River	46,961	130,326	177,287	241,572
CHKOH	VA	Chickahominy River	19,822	47,781	67,603	79,799
JMSOH	VA	Middle James River	19,360	19,766	39,125	74,626
JMSMH	VA	Lower James River	70,805	70,647	141,451	187,692
JMSPH	VA	Mouth of James River	82,383	330	82,712	194,769
ELIPH	VA	Mouth to mid Elizabeth River	23,109	579	23,689	63,685
WBEMH	VA	Western Branch Elizabeth River	20,931	2,153	23,083	25,012
SBEMH	VA	Southern Branch Elizabeth River	44,856	5,994	50,850	68,406
EBEMH	VA	Eastern Branch Elizabeth River	32,418	637	33,055	45,115
LAFMH	VA	Lafayette River	11,703	128	11,831	13,403
LYNPH	VA	Lynnhaven River	43,629	1,816	45,445	123,014
NORTF	PA	Northeast River	141	1,439	1,580	2,214
NORTF	MD	Northeast River	5,334	6,600	11,934	13,211
NORTF		Northeast River	5,475	8,039	13,515	15,425
ELKOH	PA	Elk River	4,606	7,752	12,357	17,281
ELKOH	DE	Elk River	317	441	758	911
ELKOH	MD	Elk River	9,506	15,600	25,106	30,123
ELKOH		Elk River	14,428	23,793	38,221	48,315
C&DOH_DE	DE	C&D Canal, DE	897	1,855	2,752	3,379
C&DOH_DE	MD	C&D Canal, DE	0	13	13	37
C&DOH_DE		C&D Canal, DE	897	1,867	2,765	3,415
C&DOH_MD	DE	C&D Canal, MD	2,323	3,601	5,924	7,212
C&DOH_MD	MD	C&D Canal, MD	1,742	3,413	5,155	6,496
C&DOH_MD		C&D Canal, MD	4,065	7,013	11,079	13,708

Table 9-2. Chesapeake Bay TMDL total phosphorus (TP) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TP WLA (lbs/yr)	TP Land Based LA (lbs/yr)	TP TMDL (lbs/yr)	TP 2009 Existing (lbs/yr)
BOHOH	DE	Bohemia River	807	4,134	4,941	6,017
BOHOH	MD	Bohemia River	735	13,191	13,927	20,230
BOHOH		Bohemia River	1,543	17,326	18,868	26,246
SASOH	DE	Sassafras River	42	3,629	3,671	4,469
SASOH	MD	Sassafras River	1,675	28,505	30,180	36,981
SASOH		Sassafras River	1,716	32,134	33,851	41,450
CHSTF	DE	Upper Chester River	304	12,791	13,095	16,298
CHSTF	MD	Upper Chester River	1,467	45,823	47,290	52,108
CHSTF		Upper Chester River	1,771	58,614	60,385	68,407
CHSOH	MD	Middle Chester River	4,798	54,074	58,872	67,837
CHSMH	MD	Lower Chester River	5,961	44,742	50,703	52,278
EASMH	MD	Eastern Bay	2,630	61,927	64,557	71,988
CHOTF	DE	Upper Choptank River	1,101	31,531	32,631	41,664
CHOTF	MD	Upper Choptank River	5,779	116,838	122,617	147,321
CHOTF		Upper Choptank River	6,880	148,368	155,248	188,985
CHOOH	MD	Middle Choptank River	5,145	55,704	60,850	63,666
CHOMH2	MD	Mouth of Choptank River	9,873	28,001	37,874	41,658
CHOMH1	MD	Lower Choptank River	1,683	33,233	34,915	40,931
LCHMH	MD	Little Choptank River	229	19,780	20,008	22,960
HNGMH	MD	Honga River	75	4,314	4,389	6,603
FSBMH	MD	Fishing Bay	1,440	67,261	68,701	78,173
NANTF_DE	DE	Upper Nanticoke, DE	25,589	128,715	154,304	181,200
NANTF_DE	MD	Upper Nanticoke, DE	48	1,752	1,800	2,901
NANTF_DE		Upper Nanticoke, DE	25,637	130,467	156,104	184,100
NANTF_MD	DE	Upper Nanticoke, MD	0	18	18	22
NANTF_MD	MD	Upper Nanticoke, MD	1,147	6,057	7,204	7,011
NANTF_MD		Upper Nanticoke, MD	1,147	6,076	7,223	7,033
NANOH	DE	Middle Nanticoke River	983	33,399	34,382	42,964
NANOH	MD	Middle Nanticoke River	7,398	67,078	74,475	84,307
NANOH		Middle Nanticoke River	8,381	100,477	108,858	127,271

Table 9-2. Chesapeake Bay TMDL total phosphorus (TP) annual allocations^a (pounds per year) by Chesapeake Bay segment^b to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TP WLA (lbs/yr)	TP Land Based LA (lbs/yr)	TP TMDL (lbs/yr)	TP 2009 Existing (lbs/yr)
NANMH	MD	Lower Nanticoke River	238	9,550	9,788	11,165
WICMH	DE	Wicomico River	295	496	792	969
WICMH	MD	Wicomico River	13,499	45,386	58,884	85,428
WICMH		Wicomico River	13,794	45,882	59,676	86,397
MANMH	MD	Manokin River	6,225	22,502	28,727	25,686
BIGMH	MD	Big Annemessex River	405	7,462	7,867	8,318
POCTF	DE	Upper Pocomoke River	326	8,212	8,538	10,255
POCTF	MD	Upper Pocomoke River	4,437	84,571	89,007	95,447
POCTF		Upper Pocomoke River	4,763	92,783	97,546	105,702
POCOH_MD	MD	Middle Pocomoke River, MD	991	6,981	7,972	8,174
POCOH_VA	MD	Middle Pocomoke River, VA	234	7,255	7,490	7,781
POCOH_VA	VA	Middle Pocomoke River, VA	547	14,959	15,506	20,922
POCOH_VA		Middle Pocomoke River, VA	782	22,214	22,996	28,703
POCMH_MD	MD	Lower Pocomoke River, MD	194	10,453	10,646	11,173
POCMH_VA	VA	Lower Pocomoke River, VA	2,587	21,905	24,493	31,873
TANMH_MD	MD	Tangier Sound, MD	1,353	6,051	7,405	8,275
TANMH_VA	VA	Tangier Sound, VA	0	492	492	527
CB2OH	MD	Upper Chesapeake Bay	3,063	25,092	28,155	34,772
CB3MH	MD	Upper Central Chesapeake Bay	9,263	6,948	16,211	23,949
CB4MH	MD	Middle Central Chesapeake Bay	7,487	14,191	21,678	35,651
CB5MH_MD	MD	Lower Central Chesapeake Bay, MD	5,766	6,977	12,744	28,818
CB5MH_VA	VA	Lower Central Chesapeake Bay, VA	6,100	29,609	35,710	45,025
CB6PH	VA	Western Lower Chesapeake Bay	7	2,277	2,284	2,773
CB7PH	VA	Eastern Lower Chesapeake Bay	5,565	96,646	102,211	140,064
CB8PH	VA	Mouth of Chesapeake Bay	23,848	1,161	25,009	30,461
All	All	All	4,512,260	8,030,114	12,542,374	16,462,955

a. MOS is implicit for phosphorus (see Section 6.2.4)

b. Each of the 92 segments is displayed as white rows while contributing portions of some of the 92 segments are displayed as gray rows.

Note: Any differences between this table and Table 8-5 are due to rounding.

Table 9-3. Chesapeake Bay TMDL sediment (TSS)^a annual allocations^b (pounds per year) by Chesapeake Bay segment^c to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TSS WLA (lbs/yr)	TSS LA (lbs/yr)	TSS TMDL (lbs/yr)	TSS 2009 Existing (lbs/yr)
CB1TF	NY	Northern Chesapeake Bay	42,014,121	250,946,605	292,960,727	337,266,496
CB1TF	PA	Northern Chesapeake Bay	152,686,225	1,588,480,781	1,741,167,006	2,286,387,566
CB1TF	MD	Northern Chesapeake Bay	5,949,689	64,361,278	70,310,967	81,125,570
CB1TF		Northern Chesapeake Bay	200,650,035	1,903,788,665	2,104,438,699	2,704,779,632
BSHOH	MD	Bush River	13,196,649	15,973,700	29,170,349	35,527,626
GUNOH	PA	Gunpowder River	3,892	368,273	372,165	765,816
GUNOH	MD	Gunpowder River	9,239,345	38,001,024	47,240,369	58,189,414
GUNOH		Gunpowder River	9,243,237	38,369,297	47,612,534	58,955,230
MIDOH	MD	Middle River	509,743	236,484	746,227	1,576,785
BACOH	MD	Back River	15,955,266	410,195	16,365,461	9,421,900
PATMH	MD	Patapsco River	56,849,993	31,375,105	88,225,098	113,667,512
MAGMH	MD	Magothy River	901,450	535,226	1,436,676	2,101,536
SEVMH	MD	Severn River	2,991,739	935,655	3,927,394	3,716,445
SOUMH	MD	South River	1,090,181	1,071,766	2,161,947	3,022,869
RHDMH	MD	Rhode River	172,442	474,811	647,253	739,818
WSTMH	MD	West River	118,448	634,597	753,044	998,390
WBRTF	MD	Western Branch Patuxent River	9,492,711	10,104,173	19,596,885	23,382,999
PAXTF	MD	Upper Patuxent River	27,928,151	40,733,517	68,661,668	67,673,319
PAXOH	MD	Middle Patuxent River	501,122	7,721,654	8,222,777	10,784,126
PAXMH	MD	Lower Patuxent River	853,761	8,070,930	8,924,690	12,133,210
ANATF_MD	MD	Anacostia River, MD	47,005,706	22,921,343	69,927,049	111,245,825
ANATF_MD	DC	Anacostia River, MD	317,718	21,960	339,678	609,892
ANATF_MD		Anacostia River, MD	47,323,423	22,943,303	70,266,727	111,855,717
ANATF_DC	MD	Anacostia River, DC	790,954	90,167	881,121	1,620,633
ANATF_DC	DC	Anacostia River, DC	1,616,149	511,485	2,127,634	4,743,620
ANATF_DC		Anacostia River, DC	2,407,104	601,651	3,008,755	6,364,253
POTTF_MD	PA	Upper Potomac River, MD	7,119,122	213,989,662	221,108,783	309,605,976
POTTF_MD	MD	Upper Potomac River, MD	65,621,675	430,700,804	496,322,479	549,338,715
POTTF_MD	DC	Upper Potomac River, MD	446,556	47,439	493,995	18,182,239
POTTF_MD	VA	Upper Potomac River, MD	52,111,881	645,079,928	697,191,809	955,858,637

Table 9-3. Chesapeake Bay TMDL sediment (TSS)^a annual allocations^b (pounds per year) by Chesapeake Bay segment^c to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TSS WLA (lbs/yr)	TSS LA (lbs/yr)	TSS TMDL (lbs/yr)	TSS 2009 Existing (lbs/yr)
POTTF_MD	WV	Upper Potomac River, MD	4,251,816	289,983,789	294,235,605	349,862,416
POTTF_MD		Upper Potomac River, MD	129,551,049	1,579,801,621	1,709,352,671	2,182,847,983
POTTF_DC	MD	Upper Potomac River, DC	26,116,504	6,077,446	32,193,949	25,474,106
POTTF_DC	DC	Upper Potomac River, DC	6,290,046	1,906,768	8,196,814	8,467,385
POTTF_DC	VA	Upper Potomac River, DC	7,990,096	348,443	8,338,540	6,385,015
POTTF_DC		Upper Potomac River, DC	40,396,647	8,332,657	48,729,304	40,326,507
POTTF_VA	VA	Upper Potomac River, VA	73,817,620	23,707,878	97,525,497	101,055,750
PISTF	MD	Piscataway Creek	4,420,894	3,164,315	7,585,209	6,198,882
MATTF	MD	Mattawoman Creek	2,164,085	3,781,157	5,945,242	6,897,769
POTOH1_MD	MD	Middle Potomac River, MD Mainstem	141,182	1,503,199	1,644,382	1,928,927
POTOH1_MD	VA	Middle Potomac River, MD Mainstem	126,225	192,470	318,695	374,540
POTOH1_MD		Middle Potomac River, MD Mainstem	267,408	1,695,669	1,963,077	2,303,467
POTOH2_MD	MD	Middle Potomac River, MD Nangemoy Creek	517,854	1,777,500	2,295,354	2,662,195
POTOH3_MD	MD	Middle Potomac River, MD Port Tobacco River	173,198	2,851,267	3,024,465	3,509,912
POTOH_VA	VA	Middle Potomac River, VA	6,193,677	7,882,449	14,076,126	17,280,595
POTMH_MD	MD	Lower Potomac River, MD	7,436,553	53,034,527	60,471,080	72,595,650
POTMH_MD	VA	Lower Potomac River, MD	9,492	490,435	499,928	682,793
POTMH_MD		Lower Potomac River, MD	7,446,045	53,524,962	60,971,007	73,278,444
POTMH_VA	VA	Lower Potomac River, VA	604,405	6,899,027	7,503,432	10,266,702
RPPTF	VA	Upper Rappahannock River	21,344,146	624,671,576	646,015,721	709,235,879
RPPOH	VA	Middle Rappahannock River	7,877	9,936,097	9,943,973	1,225,958
RPPMH	VA	Lower Rappahannock River	904,914	37,705,787	38,610,700	38,050,038
CRRMH	VA	Corrotoman River	32,486	1,064,500	1,096,986	1,275,873
MPNTF	VA	Upper Mattaponi River	1,092,098	13,603,734	14,695,833	22,576,525
MPNOH	VA	Lower Mattaponi River	59,447	1,105,563	1,165,010	1,604,598
PMKTF	VA	Upper Pamunkey River	6,026,107	47,032,619	53,058,726	84,819,341
PMKOH	VA	Lower Pamunkey River	13,086,736	674,771	13,761,507	1,518,896
PIAMH	VA	Piankatank River	803,391	9,372,914	10,176,305	13,746,640
YRKMH	VA	Middle York River	290,754	10,716,330	11,007,084	4,087,532
YRKPH	VA	Lower York River	514,729	968,271	1,483,000	2,101,402

Table 9-3. Chesapeake Bay TMDL sediment (TSS)^a annual allocations^b (pounds per year) by Chesapeake Bay segment^c to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TSS WLA (lbs/yr)	TSS LA (lbs/yr)	TSS TMDL (lbs/yr)	TSS 2009 Existing (lbs/yr)
MOBPH	VA	Mobjack Bay	8,727,001	3,433,596	12,160,596	14,112,361
JMSTF2	WV	Upper James River Upper	35,199	16,609,948	16,645,148	28,519,899
JMSTF2	VA	Upper James River Upper	67,286,234	612,850,612	680,136,846	1,059,920,428
JMSTF2		Upper James River Upper	67,321,434	629,460,560	696,781,994	1,088,440,327
JMSTF1	VA	Upper James River Lower	15,607,897	24,690,254	40,298,151	9,015,473
APPTF	VA	Appomattox River	26,032,004	62,293,157	88,325,161	106,140,533
CHKOH	VA	Chickahominy River	939,747	18,584,599	19,524,346	4,841,974
JMSOH	VA	Middle James River	2,999,553	20,449,110	23,448,664	6,690,974
JMSMH	VA	Lower James River	7,332,882	27,529,658	34,862,540	25,514,847
JMSPH	VA	Mouth of James River	11,502,783	34,350	11,537,133	6,505,447
ELIPH	VA	Mouth to mid Elizabeth River	4,694,148	52,510	4,746,658	3,056,281
WBEMH	VA	Western Branch Elizabeth River	2,006,272	147,738	2,154,010	2,636,798
SBEMH	VA	Southern Branch Elizabeth River	3,556,563	375,463	3,932,026	4,741,119
EBEMH	VA	Eastern Branch Elizabeth River	3,356,476	24,188	3,380,664	4,406,458
LAFMH	VA	Lafayette River	1,977,709	12,922	1,990,631	2,336,093
LYNPH	VA	Lynnhaven River	7,233,702	174,719	7,408,420	7,882,520
NORTF	PA	Northeast River	52,337	2,078,118	2,130,456	3,258,381
NORTF	MD	Northeast River	3,822,591	10,695,417	14,518,008	16,472,012
NORTF		Northeast River	3,874,928	12,773,535	16,648,463	19,730,393
ELKOH	PA	Elk River	950,124	18,055,981	19,006,105	28,398,346
ELKOH	DE	Elk River	31,854	64,385	96,239	106,497
ELKOH	MD	Elk River	1,639,790	7,052,756	8,692,546	9,998,038
ELKOH		Elk River	2,621,768	25,173,121	27,794,890	38,502,881
C&DOH_DE	DE	C&D Canal, DE	140,066	414,748	554,814	626,615
C&DOH_DE	MD	C&D Canal, DE	14	4,012	4,026	4,677
C&DOH_DE		C&D Canal, DE	140,079	418,760	558,840	631,292
C&DOH_MD	DE	C&D Canal, MD	336,975	825,087	1,162,062	1,291,350
C&DOH_MD	MD	C&D Canal, MD	107,601	969,513	1,077,114	1,258,787
C&DOH_MD		C&D Canal, MD	444,576	1,794,600	2,239,176	2,550,137
BOHOH	DE	Bohemia River	65,521	514,661	580,182	624,140

Table 9-3. Chesapeake Bay TMDL sediment (TSS)^a annual allocations^b (pounds per year) by Chesapeake Bay segment^c to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TSS WLA (lbs/yr)	TSS LA (lbs/yr)	TSS TMDL (lbs/yr)	TSS 2009 Existing (lbs/yr)
BOHOH	MD	Bohemia River	64,402	3,167,619	3,232,020	3,777,673
BOHOH		Bohemia River	129,923	3,682,279	3,812,203	4,401,813
SASOH	DE	Sassafras River	5,525	642,671	648,196	684,780
SASOH	MD	Sassafras River	286,930	8,289,784	8,576,714	10,011,983
SASOH		Sassafras River	292,455	8,932,455	9,224,910	10,696,763
CHSTF	DE	Upper Chester River	93,984	2,860,897	2,954,881	3,357,254
CHSTF	MD	Upper Chester River	137,542	12,094,797	12,232,339	13,409,995
CHSTF		Upper Chester River	231,526	14,955,694	15,187,220	16,767,249
CHSOH	MD	Middle Chester River	298,598	9,332,711	9,631,310	10,775,054
CHSMH	MD	Lower Chester River	528,519	12,292,064	12,820,583	14,312,931
EASMH	MD	Eastern Bay	576,343	9,815,207	10,391,551	11,324,723
CHOTF	DE	Upper Choptank River	361,498	6,182,065	6,543,563	7,462,694
CHOTF	MD	Upper Choptank River	1,261,836	17,937,463	19,199,299	20,356,821
CHOTF		Upper Choptank River	1,623,334	24,119,528	25,742,862	27,819,515
CHOOH	MD	Middle Choptank River	558,079	4,015,407	4,573,486	4,510,268
CHOMH2	MD	Mouth of Choptank River	966,759	2,978,930	3,945,688	3,789,712
CHOMH1	MD	Lower Choptank River	386,256	4,567,610	4,953,867	5,815,588
LCHMH	MD	Little Choptank River	98,483	3,097,933	3,196,416	3,487,049
HNGMH	MD	Honga River	10,644	531,405	542,049	646,232
FSBMH	MD	Fishing Bay	81,663	4,576,273	4,657,936	5,111,822
NANTF_DE	DE	Upper Nanticoke, DE	10,827,397	27,256,751	38,084,149	42,177,643
NANTF_DE	MD	Upper Nanticoke, DE	5,894	104,157	110,051	128,452
NANTF_DE		Upper Nanticoke, DE	10,833,291	27,360,908	38,194,199	42,306,095
NANTF_MD	DE	Upper Nanticoke, MD	0	680	680	721
NANTF_MD	MD	Upper Nanticoke, MD	28,289	495,823	524,111	557,353
NANTF_MD		Upper Nanticoke, MD	28,289	496,502	524,791	558,073
NANOH	DE	Middle Nanticoke River	361,062	6,223,525	6,584,587	7,739,104
NANOH	MD	Middle Nanticoke River	817,307	6,910,025	7,727,332	8,184,073
NANOH		Middle Nanticoke River	1,178,369	13,133,549	14,311,918	15,923,178
NANMH	MD	Lower Nanticoke River	40,737	743,265	784,002	827,854

Table 9-3. Chesapeake Bay TMDL sediment (TSS)^a annual allocations^b (pounds per year) by Chesapeake Bay segment^c to attain Chesapeake Bay WQS

Segment ID	Jurisdiction	CB 303(d) Segment	TSS WLA (lbs/yr)	TSS LA (lbs/yr)	TSS TMDL (lbs/yr)	TSS 2009 Existing (lbs/yr)
WICMH	DE	Wicomico River	104,196	39,998	144,195	174,874
WICMH	MD	Wicomico River	1,664,605	4,687,746	6,352,351	7,198,430
WICMH		Wicomico River	1,768,802	4,727,744	6,496,545	7,373,305
MANMH	MD	Manokin River	333,932	1,216,362	1,550,294	1,492,064
BIGMH	MD	Big Annemessex River	28,574	602,203	630,777	666,385
POCTF	DE	Upper Pocomoke River	62,520	406,956	469,476	532,895
POCTF	MD	Upper Pocomoke River	481,873	10,323,430	10,805,303	11,359,483
POCTF		Upper Pocomoke River	544,393	10,730,387	11,274,779	11,892,378
POCOH_MD	MD	Middle Pocomoke River, MD	196,894	588,961	785,855	797,483
POCOH_VA	MD	Middle Pocomoke River, VA	46,287	636,117	682,405	718,647
POCOH_VA	VA	Middle Pocomoke River, VA	12,493	653,177	665,670	977,918
POCOH_VA		Middle Pocomoke River, VA	58,780	1,289,295	1,348,075	1,696,564
POCMH_MD	MD	Lower Pocomoke River, MD	55,660	1,264,202	1,319,862	1,370,010
POCMH_VA	VA	Lower Pocomoke River, VA	65,386	1,102,827	1,168,213	1,610,806
TANMH_MD	MD	Tangier Sound, MD	189,923	415,636	605,560	679,354
TANMH_VA	VA	Tangier Sound, VA	18	416,465	416,483	19,960
CB2OH	MD	Upper Chesapeake Bay	383,801	7,474,139	7,857,940	9,344,169
CB3MH	MD	Upper Central Chesapeake Bay	1,022,587	1,957,395	2,979,982	2,646,201
CB4MH	MD	Middle Central Chesapeake Bay	1,058,853	3,258,291	4,317,144	5,413,881
CB5MH_MD	MD	Lower Central Chesapeake Bay, MD	631,522	1,513,513	2,145,035	2,042,464
CB5MH_VA	VA	Lower Central Chesapeake Bay, VA	446,801	3,626,293	4,073,093	5,353,666
CB6PH	VA	Western Lower Chesapeake Bay	453	294,130	294,582	387,639
CB7PH	VA	Eastern Lower Chesapeake Bay	518,824	8,538,667	9,057,491	13,772,993
CB8PH	VA	Mouth of Chesapeake Bay	2,787,517	64,200	2,851,717	3,580,118
All	All	All	898,226,531	5,555,386,665	6,453,613,196	8,090,521,521

a. Upon review and after consideration of public comments, EPA has determined that Total Suspended Solids (TSS) is a more appropriate expression of the sediment load than Total Sediment (TSED), which was used in the draft TMDL. As a result, the allocation tables in the draft TMDL that were expressed as TSED have been changed such that they now are expressed as TSS.

b. MOS is implicit and explicit for TSS (see Section 6.5.4)

c. Each of the 92 segments is displayed as white rows while contributing portions of some of the 92 segments are displayed as gray rows.

Note: Any differences between this table and Table 8-5 are due to rounding.

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
BLUE PLAINS	DC0021199	DC**	POTTF_DC	4,689,000	203,854	8,198,328
INVISTA (DUPONT-SEAFORD)	DE0000035	DE	NANTF_DE	171,818	0	749,208
LAUREL	DE0020125	DE	NANTF_DE	8,528	2,132	31,978
BRIDGEVILLE	DE0020249	DE	NANTF_DE	9,746	2,436	36,547
SEAFORD	DE0020265	DE	NANTF_DE	24,364	6,091	48,729
COX CREEK	MD_COXCRK	MD	PATMH	231,101	3,614	193,606
HART MILLER	MD_HARTMI	MD	MIDOH	0	0	0
MASONVILLE DMCF	MD_MASNV	MD	PATMH	231,101	3,614	193,606
W R GRACE	MD0000311	MD	PATMH	310,721	1,782	334,037
MD & VA MILK PRODUCERS	MD0000469	MD	PAXTF	5,431	543	42,150
ISG SPARROWS POINT (BETHLEHEM STEEL CORP)	MD0001201	MD	PATMH	131,420	25,400	85,863
CONGOLEUM	MD0001384	MD	PATMH	4,005	160	19,324
NEWPAGE	MD0001422	MD	POTTF_MD	12,733	597	124,473
ERACHEM	MD0001775	MD	PATMH	13,809	58	8,352
NSWC-INDIAN HEAD	MD0003158	MD	MATTF	1,777	727	41,937
WINEBRENNER WWTP	MD0003221	MD	POTTF_MD	12,182	914	91,367
CRISFIELD	MD0020001	MD	TANMH_MD	12,182	914	91,367
CHESTERTOWN	MD0020010	MD	CHSMH	18,273	1,371	137,050
INDIAN HEAD	MD0020052	MD	MATTF	6,091	457	45,683
BOONSBORO	MD0020231	MD	POTTF_MD	6,100	484	48,424
FEDERALSBURG	MD0020249	MD	NANOH	9,137	685	68,525
EMMITSBURG	MD0020257	MD	POTTF_MD	9,137	685	68,525
EASTON	MD0020273	MD	CHOOH	48,729	3,655	365,467
CHESAPEAKE BEACH	MD0020281	MD	CB4MH	18,273	1,371	137,050
DENTON	MD0020494	MD	CHOTF	9,746	731	73,093
LA PLATA	MD0020524	MD	POTOH2_MD	18,273	1,371	137,050
DELMAR	MD0020532	MD	WICMH	10,355	777	77,662
PERRYVILLE	MD0020613	MD	CB1TF	20,101	1,508	150,755
PRINCESS ANNE	MD0020656	MD	MANMH	11,512	1,151	115,122

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
TANEYTOWN	MD0020672	MD	POTTF_MD	13,400	1,005	100,503
ELKTON	MD0020681	MD	ELKOH	37,156	2,787	278,669
CENTREVILLE	MD0020834	MD	CHSMH	6,091	457	45,683
BELTSVILLE USDA EAST	MD0020842	MD	ANATF_MD	7,553	566	56,647
FORT DETRICK	MD0020877	MD	POTTF_MD	24,364	1,827	182,734
NSWC-INDIAN HEAD	MD0020885	MD	POTTF_MD	6,091	457	45,683
BRUNSWICK	MD0020958	MD	POTTF_MD	17,055	1,279	127,914
DAMASCUS	MD0020982	MD	POTTF_MD	18,273	1,371	137,050
THURMONT	MD0021121	MD	POTTF_MD	12,182	914	91,367
ABERDEEN PROVING GROUNDS-EDGEWOOD	MD0021229	MD	BSHOH	36,547	2,741	274,100
ABERDEEN PROVING GROUNDS-ABERDEEN	MD0021237	MD	CB1TF	34,110	2,558	255,827
SENECA CREEK	MD0021491	MD	POTTF_MD	316,738	21,380	2,375,537
FREEDOM DISTRICT	MD0021512	MD	PATMH	42,638	3,198	319,784
PISCATAWAY	MD0021539	MD	PISTF	365,467	16,446	2,741,004
BACK RIVER*	MD0021555	MD	BACOH	1,583,691	79,185	11,877,684
BACK RIVER*	MD0021555	MD	PATMH	609,112	30,456	4,568,340
ABERDEEN	MD0021563	MD	CB1TF	48,729	3,655	365,467
SALISBURY	MD0021571	MD	WICMH	103,549	7,766	776,618
CUMBERLAND	MD0021598	MD	POTTF_MD	182,734	13,705	1,370,502
PATAPSCO	MD0021601	MD	PATMH	889,304	66,698	6,669,776
FREDERICK	MD0021610	MD	POTTF_MD	97,458	7,309	730,934
BOWIE	MD0021628	MD	PAXTF	40,201	3,015	301,510
CAMBRIDGE	MD0021636	MD	CHOMH2	98,676	7,401	740,071
BROADNECK	MD0021644	MD	CB3MH	73,093	5,482	548,201
PATUXENT	MD0021652	MD	PAXTF	91,367	6,853	685,251
COX CREEK	MD0021661	MD	PATMH	182,734	13,705	1,370,502
MARLAY TAYLOR (PINE HILL RUN)	MD0021679	MD	CB5MH_MD	73,093	5,482	548,201
UPPER POTOMAC RIVER COMMISSION	MD0021687	MD	POTTF_MD	79,109	30,401	1,982,660
FORT MEADE	MD0021717	MD	PAXTF	54,820	4,112	411,151

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
PARKWAY	MD0021725	MD	PAXTF	91,367	6,853	685,251
WESTERN BRANCH	MD0021741	MD	PAXTF	372,777	27,958	2,795,824
HAVRE DE GRACE	MD0021750	MD	CB1TF	27,715	2,079	207,859
HAGERSTOWN	MD0021776	MD	POTTF_MD	97,458	7,309	730,934
ANNAPOLIS	MD0021814	MD	SEVMH	158,369	11,878	1,187,768
BALLENGER CREEK	MD0021822	MD	POTTF_MD	219,280	16,446	1,644,602
WESTMINSTER	MD0021831	MD	POTTF_MD	60,911	4,568	456,834
MATTAWOMAN	MD0021865	MD	POTTF_MD	243,645	10,964	1,827,336
HAMPSTEAD	MD0022446	MD	GUNOH	10,964	822	82,230
MOUNT AIRY	MD0022527	MD	PATMH	14,619	1,096	109,640
JOPPATOWNE	MD0022535	MD	GUNOH	11,573	868	86,798
POCOMOKE CITY	MD0022551	MD	POCTF	17,908	1,343	134,309
HURLOCK	MD0022730	MD	NANOH	20,101	1,508	150,755
SNOW HILL	MD0022764	MD	POCTF	6,091	457	45,683
MARLBORO MEADOWS	MD0022781	MD	PAXTF	0	0	0
POOLESVILLE	MD0023001	MD	POTTF_MD	9,137	685	68,525
KENT ISLAND	MD0023485	MD	CB3MH	36,547	2,741	274,100
US NAVAL ACADEMY	MD0023523	MD	SEVMH	12,182	914	91,367
TALBOT COUNTY REGION II	MD0023604	MD	EASMH	8,040	603	60,302
MARYLAND CORRECTIONAL INSTITUTE	MD0023957	MD	POTTF_MD	19,492	1,462	146,187
BROADWATER	MD0024350	MD	CB4MH	24,364	1,827	182,734
LEONARDTOWN	MD0024767	MD	POTMH_MD	8,284	621	62,129
NORTHEAST RIVER	MD0052027	MD	NORTF	24,364	1,827	182,734
FRUITLAND	MD0052990	MD	WICMH	9,746	731	73,093
LITTLE PATUXENT	MD0055174	MD	PAXTF	304,556	22,842	2,284,170
SOD RUN	MD0056545	MD	BSHOH	243,645	18,273	1,827,336
SWAN POINT	MD0057525	MD	POTMH_MD	7,309	548	54,820
PINEY ORCHARD	MD0059145	MD	PAXTF	14,619	1,096	109,640
GEORGES CREEK	MD0060071	MD	POTTF_MD	7,309	548	54,820
MAYO LARGE COMMUNAL	MD0061794	MD	RHDMH	9,989	749	74,921
MARYLAND CITY	MD0062596	MD	PAXTF	30,456	2,284	228,417

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
DORSEY RUN	MD0063207	MD	PAXTF	24,364	1,827	182,734
CONOCOCHIEAGUE	MD0063509	MD	POTTF_MD	49,947	3,746	374,604
CELANESE	MD0063878	MD	POTTF_MD	24,364	1,827	182,734
ALLEN FAMILY FOODS	MD0067857	MD	CHOTF	4,500	370	62,091
WISE FOODS INC	PA0007498	PA	CB1TF	19,957	898	14,375
EMPIRE KOSHER POULTRY-MIFFLINT	PA0007552	PA	CB1TF	21,928	740	53,602
POPE & TALBOT WIS INC.	PA0007919	PA	CB1TF	40,569	1,941	45,318
GOLD MILLS DYEHOUSE	PA0008231	PA	CB1TF	5,723	198	48,729
APPLETON PAPER SPRINGMILL	PA0008265	PA	CB1TF	61,666	7,367	117,924
MERCK & COMPANY	PA0008419	PA	CB1TF	44,497	11,748	289,937
PPL MONTOUR LLC	PA0008443	PA	CB1TF	72,749	1,200	191,748
NATIONAL GYPSUM COMPANY-MILTON PLANT	PA0008591	PA	CB1TF	2,213	106	7,553
P-H GLATFELTER COMPANY	PA0008869	PA	CB1TF	117,588	6,821	701,697
PROCTOR & GAMBLE PAPER PRODUCTS	PA0008885	PA	CB1TF	100,360	5,441	188,094
OSRAM SYLVANIA PRODUCTS, INC.	PA0009024	PA	CB1TF	600,515	1,577	26,801
CONSOLIDATED RAIL CORPORATION-ENOLA	PA0009229	PA	CB1TF	2,539	93	12,182
HEINZ PET FOODS	PA0009270	PA	CB1TF	30,639	1,449	16,349
MOTTS INC	PA0009326	PA	CB1TF	18,645	729	25,339
USFW-LAMAR NATIONAL FISH HATCHERY	PA0009857	PA	CB1TF	60,138	1,919	147,356
PAPETTI'S ACQUISTION INC (QUAKER STATE FARMS)	PA0009911	PA	CB1TF	8,104	532	7,188
PENNSYLVANIA FISH & BOAT COMMISSION-BENNER SPRINGS	PA0010553	PA	CB1TF	110,347	2,285	224,543
PENNSYLVANIA FISH & BOAT COMMISSION-PLEASANT GAP	PA0010561	PA	CB1TF	55,049	1,591	134,200
BLOSSBURG	PA0020036	PA	CB1TF	7,306	974	9,746
MOUNT UNION BOROUGH	PA0020214	PA	CB1TF	17,351	2,314	23,146
ROARING SPRING BOROUGH	PA0020249	PA	CB1TF	12,785	1,705	17,055

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
MILTON MUNICIPAL AUTHORITY	PA0020273	PA	CB1TF	80,040	8,329	83,326
LITITZ SEWAGE AUTHORITY	PA0020320	PA	CB1TF	70,319	9,376	93,802
KULPMONT-MARION HEIGHTS JT MUN	PA0020338	PA	CB1TF	9,132	1,218	12,182
BELLEFONTE BOROUGH	PA0020486	PA	CB1TF	58,812	7,842	78,453
MCCONNELLSBURG STP	PA0020508	PA	POTTF_MD	10,959	1,461	14,619
NORTHUMBERLAND BOROUGH	PA0020567	PA	CB1TF	20,548	2,740	27,410
MIDDLEBURG MUN AUTH	PA0020583	PA	CB1TF	8,219	1,096	10,964
WAYNESBORO BOROUGH	PA0020621	PA	POTTF_MD	29,223	3,896	38,983
MIDDLETOWN	PA0020664	PA	CB1TF	40,182	5,358	53,601
MONTGOMERY BOROUGH	PA0020699	PA	CB1TF	15,525	2,070	20,710
WHITE DEER TOWNSHIP	PA0020800	PA	CB1TF	10,959	1,461	14,619
GLEN ROCK SEW AUTH	PA0020818	PA	CB1TF	10,959	1,461	14,619
DOVER TOWNSHIP SEWER AUTHORITY	PA0020826	PA	CB1TF	146,117	19,482	194,914
FRANKLIN COUNTY AUTHORITY- GREENCASTLE	PA0020834	PA	POTTF_MD	17,351	2,314	19,491
MECHANICSBURG BOROUGH MUNICIPAL	PA0020885	PA	CB1TF	38,565	5,065	50,678
MANHEIM BOROUGH AUTHORITY	PA0020893	PA	CB1TF	21,847	2,776	27,775
PINE GROVE BOROUGH AUTHORITY	PA0020915	PA	CB1TF	27,397	3,653	36,546
NEW OXFORD MUNICIPAL FACILITY	PA0020923	PA	CB1TF	35,057	4,354	43,563
MOUNT JOY	PA0021067	PA	CB1TF	27,945	3,726	37,277
LITTLESTOWN BOROUGH	PA0021229	PA	POTTF_MD	18,265	2,435	24,364
NEWPORT BORO MUN AUTH	PA0021237	PA	CB1TF	7,306	974	9,746
DUNCANNON BORO	PA0021245	PA	CB1TF	13,516	1,802	18,030
WILLIAMSBURG BOROUGH	PA0021539	PA	CB1TF	9,132	1,218	12,182
GETTYSBURG MUNICIPAL AUTHORITY	PA0021563	PA	POTTF_MD	44,748	5,966	59,692
MARYSVILLE MUNICIPAL AUTHORITY	PA0021571	PA	CB1TF	22,831	3,044	30,455
DOVER BORO	PA0021644	PA	CB1TF	7,306	974	9,746
WELLSBORO MUNICIPAL AUTHORITY	PA0021687	PA	CB1TF	46,029	4,871	48,729
MARIETTA-DONEGAL JOINT AUTHORITY	PA0021717	PA	CB1TF	13,698	1,826	18,273
ANNVILLE TOWNSHIP	PA0021806	PA	CB1TF	13,698	1,826	18,273

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
MANSFIELD BOROUGH	PA0021814	PA	CB1TF	23,744	3,166	31,675
ADAMSTOWN BORO AUTH OF LANCAST	PA0021865	PA	CB1TF	10,959	1,461	14,619
WESTFIELD BORO	PA0021881	PA	CB1TF	8,402	1,120	11,208
NEW HOLLAND BOROUGH AUTHORITY	PA0021890	PA	CB1TF	24,475	3,263	32,648
BEDFORD BOROUGH MUNICIPAL AUTHORITY	PA0022209	PA	CB1TF	27,397	3,653	36,546
MILLERSBURG BOROUGH AUTHORITY	PA0022535	PA	CB1TF	18,265	2,435	24,364
ELIZABETHTOWN BOROUGH	PA0023108	PA	CB1TF	82,191	10,959	109,639
HASTINGS AREA SA	PA0023141	PA	CB1TF	10,959	1,461	14,619
MT. HOLLY SPRINGS BOROUGH AUTHORITY	PA0023183	PA	CB1TF	10,959	1,461	14,619
BERWICK MUNICIPAL AUTHORITY	PA0023248	PA	CB1TF	92,198	8,913	89,173
TWIN BOROUGH SANITARY AUTHORITY	PA0023264	PA	CB1TF	16,438	2,192	21,928
WRIGHTSVILLE BORO MUN AUTH	PA0023442	PA	CB1TF	7,306	974	9,746
DANVILLE MUNICIPAL AUTHORITY	PA0023531	PA	CB1TF	66,118	8,816	88,199
ASHLAND MUNICIPAL AUTHORITY	PA0023558	PA	CB1TF	23,744	3,166	31,674
TRI-BORO MUNICIPAL AUTHORITY	PA0023736	PA	CB1TF	9,132	1,218	12,182
NORTHEASTERN YORK COUNTRY	PA0023744	PA	CB1TF	46,535	4,627	41,419
HIGHSPIRE	PA0024040	PA	CB1TF	36,529	4,871	48,729
CUMBERLAND TWP AUTH (NORTH PLANT)	PA0024139	PA	POTTF_MD	9,132	1,218	12,182
CUMBERLAND TWP MUN AUTH	PA0024147	PA	POTTF_MD	11,872	1,583	15,837
PENNFIELD FARMS INC (BC NATURAL CHICKEN LLC)	PA0024228	PA	CB1TF	18,982	766	14,619
PALMYRA BOROUGH AUTHORITY	PA0024287	PA	CB1TF	25,936	3,458	34,597
MUNCY BOROUGH MUNICIPAL AUTHORITY	PA0024325	PA	CB1TF	25,570	3,409	34,110
NORTH MIDDLETON AUTH	PA0024384	PA	CB1TF	22,020	2,253	22,537
MT. CARMEL MUNICIPAL SEWAGE AUTHORITY	PA0024406	PA	CB1TF	41,095	5,479	54,816
DILLSBURG BOROUGH AUTHORITY	PA0024431	PA	CB1TF	31,345	3,726	37,277

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
UNION TWP STP	PA0024708	PA	CB1TF	11,872	1,583	15,837
CURWENSVILLE MUNICIPAL AUTHORITY	PA0024759	PA	CB1TF	13,698	1,826	18,273
UPPER ALLEN TOWNSHIP	PA0024902	PA	CB1TF	20,091	2,679	26,801
SAXTON BORO MUN AUTH	PA0025381	PA	CB1TF	7,306	974	9,746
LOCK HAVEN	PA0025933	PA	CB1TF	90,192	9,132	91,366
CHAMBERSBURG BOROUGH	PA0026051	PA	POTTF_MD	124,199	16,560	165,677
CARLISLE BOROUGH	PA0026077	PA	CB1TF	134,277	17,047	170,550
WYOMING VALLEY	PA0026107	PA	CB1TF	584,467	77,929	779,657
COLUMBIA	PA0026123	PA	CB1TF	36,529	4,871	48,729
HUNTINGDON BOROUGH	PA0026191	PA	CB1TF	73,058	9,741	97,457
UNIVERSITY AREA JOINT AUTHORITY	PA0026239	PA	CB1TF	164,381	21,918	219,279
YORK CITY	PA0026263	PA	CB1TF	474,880	63,317	633,471
LEWISTOWN BOROUGH	PA0026280	PA	CB1TF	51,470	6,863	68,659
CLEARFIELD	PA0026310	PA	CB1TF	82,191	10,959	109,639
LOWER LACKAWANNA VALLEY	PA0026361	PA	CB1TF	109,588	14,612	146,186
LEMOYNE BOROUGH MUNICIPAL AUTHORITY	PA0026441	PA	CB1TF	46,270	5,784	50,873
DERRY TOWNSHIP MUNICIPAL AUTHORITY	PA0026484	PA	CB1TF	91,668	12,225	122,309
SCRANTON SEWER AUTHORITY	PA0026492	PA	CB1TF	365,292	48,706	487,286
SUNBURY CITY MUNICIPAL AUTHORITY	PA0026557	PA	CB1TF	76,711	10,228	102,330
MILLERSVILLE BOROUGH	PA0026620	PA	CB1TF	33,790	4,505	45,074
NEW CUMBERLAND BOROUGH AUTHORITY	PA0026654	PA	CB1TF	22,831	3,044	30,455
TYRONE BOROUGH SEWER AUTHORITY	PA0026727	PA	CB1TF	166,231	21,918	219,279
SWATARA TOWNSHIP	PA0026735	PA	CB1TF	115,367	15,342	153,495
LANCASTER CITY	PA0026743	PA	CB1TF	620,248	77,318	77,318
SPRINGETTSBURY TOWNSHIP	PA0026808	PA	CB1TF	273,969	36,529	365,464
HANOVER BOROUGH	PA0026875	PA	CB1TF	83,441	10,959	109,639
GREATER HAZELTON	PA0026921	PA	CB1TF	216,739	27,092	216,842
ALTOONA CITY AUTHORITY-EAST	PA0027014	PA	CB1TF	146,117	19,482	194,914

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
ALTOONA CITY AUTHORITY-WEST	PA0027022	PA	CB1TF	164,381	21,918	219,279
WILLIAMSPORT SANITARY AUTHORITY-WEST	PA0027049	PA	CB1TF	77,547	9,564	95,508
WILLIAMSPORT SANITARY AUTHORITY-CENTRAL	PA0027057	PA	CB1TF	153,423	20,456	204,660
LACKAWANNA RIVER BASIN SEWER AUTHORITY	PA0027065	PA	CB1TF	109,587	14,612	146,186
LACKAWANNA RIVER BASIN SEWER AUTHORITY	PA0027081	PA	CB1TF	12,786	1,705	17,055
LACKAWANNA RIVER BASIN SEWER AUTHORITY	PA0027090	PA	CB1TF	127,852	17,047	170,550
BLOOMSBURG MUNICIPAL AUTHORITY	PA0027171	PA	CB1TF	78,855	10,447	104,523
LOWER ALLEN TOWNSHIP AUTHORITY	PA0027189	PA	CB1TF	114,354	15,221	152,277
HARRISBURG SEWERAGE AUTHORITY	PA0027197	PA	CB1TF	688,575	91,810	918,533
LEBANON CITY AUTHORITY	PA0027316	PA	CB1TF	146,117	19,482	194,914
SHAMOKIN-COAL TOWNSHIP JOINT SANITARY AUTHORITY	PA0027324	PA	CB1TF	127,852	17,047	170,550
EPHRATA BOROUGH WWTP	PA0027405	PA	CB1TF	79,049	9,881	92,584
PINE CREEK MUNICIPAL AUTHORITY	PA0027553	PA	CB1TF	23,744	3,166	31,674
BROWN TOWNSHIP MUNICIPAL AUTHORITY	PA0028088	PA	CB1TF	10,959	1,461	14,619
FT INDIANTOWN GAP	PA0028142	PA	CB1TF	24,353	3,044	24,364
TROY BORO	PA0028266	PA	CB1TF	7,306	974	9,746
MARTINSBURG	PA0028347	PA	CB1TF	12,785	1,705	17,055
MIFFLINBURG BOROUGH MUNICIPAL	PA0028461	PA	CB1TF	25,570	3,409	34,110
CLARKS SUMMIT-SOUTH ABINGTON JOINT AUTHORITY	PA0028576	PA	CB1TF	45,662	6,088	60,911
EMPORIUM BOROUGH (MID-CAMERON AUTHORITY)	PA0028631	PA	CB1TF	17,100	2,140	24,364
JERSEY SHORE BOROUGH	PA0028665	PA	CB1TF	19,178	2,557	25,582
GALLITZIN BORO	PA0028673	PA	CB1TF	7,306	974	9,746

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
KELLY TOWNSHIP MUNICIPAL AUTHORITY	PA0028681	PA	CB1TF	68,492	9,132	91,366
RALPHO TWP MUN AUTH	PA0028738	PA	CB1TF	13,132	1,751	17,518
QUARRYVILLE STP	PA0028886	PA	CB1TF	7,306	974	9,746
GREENFIELD TWP MUN AUTH	PA0029106	PA	CB1TF	14,612	1,948	19,491
SOUTH MOUNTAIN RESTORATION CEN	PA0029297	PA	POTTF_MD	9,132	1,218	12,182
PA DEPT OF PUBLIC WELFARE	PA0029432	PA	CB1TF	10,959	1,461	9,624
DALLAS SCI	PA0030139	PA	CB1TF	9,741	1,218	10,964
FRANKLIN COUNTY GENERAL AUTH (SOUTH PATROL RD)	PA0030597	PA	POTTF_MD	9,132	1,218	12,182
SHIPPENSBURG BOROUGH AUTHORITY	PA0030643	PA	CB1TF	60,273	8,036	80,402
GRANVILLE TWP	PA0032051	PA	CB1TF	15,196	1,899	12,182
DCNR-BALD EAGLE STATE PARK	PA0032492	PA	CB1TF	8,219	1,096	10,964
LOGAN TOWNSHIP-GREENWOOD AREA	PA0032557	PA	CB1TF	12,785	1,705	17,055
DUNCANVILLE	PA0032883	PA	CB1TF	22,228	2,963	29,651
TOWANDA MUNICIPAL AUTHORITY	PA0034576	PA	CB1TF	21,187	2,825	28,263
TYSON FOODS	PA0035092	PA	CB1TF	27,397	559	36,547
FARMER'S PRIDE INC	PA0035157	PA	CB1TF	16,438	1,370	21,928
STEWARTSTOWN BOROUGH	PA0036269	PA	CB1TF	13,516	1,802	18,030
GALETON BORO AUTH	PA0036820	PA	CB1TF	9,132	1,218	12,182
PFBC HUNTSDALE	PA0037141	PA	CB1TF	53,512	2,804	336,230
PENN TOWNSHIP	PA0037150	PA	CB1TF	81,811	10,228	102,330
EVERETT BORO AREA MA	PA0037711	PA	CB1TF	15,890	2,119	21,197
MOSHANNON VALLEY JOINT SANITARY AUTHORITY	PA0037966	PA	CB1TF	31,634	4,218	42,199
DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA	PA0038385	PA	CB1TF	9,132	1,218	12,182
EAST PENNSBORO SOUTH TREATMENT PLANT	PA0038415	PA	CB1TF	67,579	9,011	90,148
SUSQUEHANNA AQUACULTURE INC	PA0038598	PA	CB1TF	54,007	3,530	161,293
BURNHAM BOROUGH	PA0038920	PA	CB1TF	11,689	1,559	15,593

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
PENNSYLVANIA FISH & BOAT COMMISSION-BELLEFONTE	PA0040835	PA	CB1TF	78,988	2,636	74,799
LANCASTER AREA SEWER AUTHORITY	PA0042269	PA	CB1TF	273,969	36,529	365,464
TREMONT MUNICIPAL AUTHORITY	PA0042951	PA	CB1TF	9,132	1,218	12,182
NEW FREEDOM WTP	PA0043257	PA	CB1TF	42,009	5,601	56,038
HOLLIDAYSBURG REGIONAL	PA0043273	PA	CB1TF	109,587	14,612	146,186
LYKENS BOROUGH	PA0043575	PA	CB1TF	7,488	998	9,989
VALLEY JOINT SEW AUTH	PA0043681	PA	CB1TF	41,095	5,479	54,820
WESTERN CLINTON COUNTY MUNICIPAL AUTHORITY	PA0043893	PA	CB1TF	16,438	2,192	21,928
PENNSYLVANIA FISH & BOAT COMMISSION-UPPER SPRING	PA0044032	PA	CB1TF	7,000	50	14,034
SOUTH MIDDLETON TOWNSHIP MUNICIPAL AUTHORITY	PA0044113	PA	CB1TF	29,322	3,653	36,546
LEWISBURG AREA JOINT SANITARY AUTHORITY/COLLEGE P	PA0044661	PA	CB1TF	44,200	5,893	58,962
HANOVER FOODS CORP	PA0044741	PA	CB1TF	26,385	979	15,666
MOUNTAINTOP AREA	PA0045985	PA	CB1TF	75,981	10,131	101,355
PORTER TOWER JOINT MUNICIPAL AUTHORITY	PA0046272	PA	CB1TF	7,854	1,047	10,477
ST. JOHNS	PA0046388	PA	CB1TF	40,182	5,357	53,601
REPUBLIC SERVICES OF PA LLC	PA0046680	PA	CB1TF	40,803	131	12,182
CAN-DO INC	PA0060046	PA	CB1TF	18,265	2,435	24,364
SHICKSHINNY BORO SA	PA0060135	PA	CB1TF	8,219	1,096	10,964
MONTROSE MA	PA0060801	PA	CB1TF	14,977	1,997	19,979
ABINGTON TWP SUPERVISORS	PA0061034	PA	CB1TF	9,132	1,218	12,182
LITTLE WASHINGTON WW CO	PA0061590	PA	CB1TF	24,073	3,210	32,112
SCHUYLKILL CO MA	PA0062201	PA	CB1TF	10,959	1,461	14,619
FRACKVILLE AREA MA	PA0062219	PA	CB1TF	25,570	3,409	34,110
KBM REGIONAL AUTH (NEW)	PA0064025	PA	CB1TF	13,637	1,705	17,055
MAHANOEY CITY	PA0070041	PA	CB1TF	25,205	3,361	33,623

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
SHENANDOAH MUNICIPAL SEWAGE AUTHORITY	PA0070386	PA	CB1TF	36,529	4,871	48,729
CAERNARVON TWP STP	PA0070424	PA	CB1TF	12,785	1,705	17,055
WASHINGTON TOWNSHIP MUNICIPAL	PA0080225	PA	POTTF_MD	35,433	4,724	47,267
HAMPDEN TOWNSHIP SEWER AUTHORITY	PA0080314	PA	CB1TF	101,997	12,359	117,436
NORTHERN LANCASTER CO AUTH	PA0080438	PA	CB1TF	8,219	1,096	10,964
ANTRIM TOWNSHIP	PA0080519	PA	POTTF_MD	21,918	2,922	29,237
NORTHERN LEBANON CO AUTH	PA0080748	PA	CB1TF	7,306	974	9,746
ST THOMAS TWP MUN AUTH	PA0081001	PA	POTTF_MD	7,306	974	9,746
SALISBURY TWP	PA0081574	PA	CB1TF	13,150	1,643	14,131
EASTERN YORK COUNTY SEWER AUTH	PA0081591	PA	CB1TF	10,959	1,461	14,619
FAIRVIEW TOWNSHIP	PA0081868	PA	CB1TF	13,333	1,778	17,786
WEST EARL SEW AUTH	PA0081949	PA	CB1TF	8,219	1,096	10,964
DERRY TWP MUN AUTH - SOUTHWEST	PA0082392	PA	CB1TF	10,959	1,461	14,619
FAIRVIEW TOWNSHIP	PA0082589	PA	CB1TF	9,132	1,218	12,182
NEWBERRY TOWNSHIP	PA0083011	PA	CB1TF	23,744	3,166	31,674
SILVER SPRING TOWNSHIP	PA0083593	PA	CB1TF	21,918	2,922	29,237
NORTHWESTERN LANCASTER CNTY AUTH	PA0084026	PA	CB1TF	14,612	1,827	15,837
CONEWAGO TWP SEW AUTH	PA0084425	PA	CB1TF	9,132	1,218	12,182
WEST HANOVER	PA0085511	PA	CB1TF	16,496	1,900	1,900
SPRINGFIELD TWP SEW AUTH - HOL	PA0086860	PA	CB1TF	12,785	1,704	17,055
EPHRATA BORO AUTH #2	PA0087181	PA	CB1TF	54,550	6,818	56,038
CHESTNUT RIDGE AREA JMA	PA0087661	PA	CB1TF	12,877	1,717	17,177
NEW MORGAN STP	PA0088048	PA	CB1TF	9,132	1,218	12,182
LOWER PAXTON WET WEATHER STP	PA0088633	PA	CB1TF	45,662	6,088	60,911
FREEDOM TOWNSHIP WATER&SEWER AUTHORITY	PA0110361	PA	CB1TF	10,959	1,461	14,619
PATTON BORO STP	PA0110469	PA	CB1TF	9,863	1,315	13,157
FURMAN FOODS	PA0110540	PA	CB1TF	45,450	1,624	5,847

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
EASTERN SNYDER COUNTY REGIONAL AUTH	PA0110582	PA	CB1TF	51,141	6,819	68,220
MID-CENTRE COUNTY AUTH	PA0110965	PA	CB1TF	18,265	2,435	24,364
TAYLOR PACKING CO INC	PA0111759	PA	CB1TF	14,612	1,218	19,492
PENNSYLVANIA FISH & BOAT COMMISSION-TYPLERSVILLE	PA0112127	PA	CB1TF	63,339	2,382	316,738
ELKLAND MUNICIPAL AUTHORITY	PA0113298	PA	CB1TF	10,277	1,285	13,400
GREGG TOWNSHIP	PA0114821	PA	CB1TF	23,013	3,068	30,699
HUGHESVILLE-WOLF TWP JOINT SEW	PA0114961	PA	CB1TF	12,329	1,644	16,446
WEST BRANCH SA	PA0205869	PA	CB1TF	16,438	2,192	21,928
LYCOMING CO WATER & SEWER AUTH	PA0209228	PA	CB1TF	27,397	3,653	36,546
NORTH CODORUS TWP	PA0247391	PA	CB1TF	13,394	1,674	13,400
PILGRIM'S PRIDE - ALMA	VA0001961	VA	POTTF_MD	18,273	914	61,028
DUPONT-WAYNESBORO	VA0002160	VA	POTTF_MD	78,941	1,009	88,330
MERCK & COMPANY INC.-STONEWALL PLANT-ELKTON	VA0002178	VA	POTTF_MD	43,835	4,384	2,168,100
PILGRIMS PRIDE-HINTON	VA0002313	VA	POTTF_MD	27,410	1,371	66,649
GIANT REFINERY-YORKTOWN	VA0003018	VA	MOBPH	167,128	17,689	160,600
SMURFIT STONE	VA0003115	VA	PMKOH	259,177	56,038	13,030,500
OMEGA PROTEIN INC	VA0003867	VA	CB5MH_VA	21,213	1,591	352,836
TYSON FOODS, INC.-TEMPERANCEVILLE	VA0004049	VA	POCMH_VA	22,842	1,142	60,955
STRASBURG	VA0020311	VA	POTTF_MD	11,939	895	89,539
VINT HILL FARMS STATION WWTP	VA0020460	VA	POTTF_VA	11,573	868	86,798
BERRYVILLE	VA0020532	VA	POTTF_MD	8,528	640	63,957
KILMARNOCK	VA0020788	VA	CB5MH_VA	6,091	457	45,683
NAVAL SURFACE WARFARE CENTER-DAHLGREN	VA0021067	VA	POTMH_VA	6,578	658	65,784
GORDONSVILLE	VA0021105	VA	PMKTF	17,177	1,145	85,885
WARRENTON	VA0021172	VA	RPPTF	30,456	2,284	228,417
ONANCOCK	VA0021253	VA	CB7PH	9,137	685	68,525
CAPE CHARLES	VA0021288	VA	CB7PH	6,091	457	45,683

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
ORANGE	VA0021385	VA	RPPTF	36,547	2,741	274,100
WEYERS CAVE STP	VA0022349	VA	POTTF_MD	6,091	457	45,683
PURCELLVILLE	VA0022802	VA	POTTF_MD	18,273	1,371	137,050
NEW MARKET STP	VA0022853	VA	POTTF_MD	6,091	457	45,683
HAYNESVILLE CORRECTIONAL CENTER	VA0023469	VA	RPPMH	2,802	210	21,014
DALE CITY #8	VA0024678	VA	POTTF_VA	42,029	2,522	420,287
DALE CITY #1	VA0024724	VA	POTTF_VA	42,029	2,522	420,287
MASSANUTTEN PUBLIC SERVICE STP	VA0024732	VA	POTTF_MD	18,273	1,371	137,050
ASHLAND	VA0024899	VA	PMKTF	36,547	2,436	182,734
UPPER OCCOQUAN SEWAGE AUTHORITY	VA0024988	VA	POTTF_VA	1,315,682	16,446	4,933,807
H.L. MOONEY	VA0025101	VA	POTTF_VA	219,280	13,157	2,192,803
FREDERICKSBURG	VA0025127	VA	RPPTF	54,820	4,112	411,151
ARLINGTON	VA0025143	VA	POTTF_VA	365,467	21,928	3,654,672
WAYNESBORO	VA0025151	VA	POTTF_MD	48,729	3,655	365,467
ALEXANDRIA	VA0025160	VA	POTTF_VA	500,690	29,932	4,988,627
FISHERSVILLE	VA0025291	VA	POTTF_MD	48,729	3,655	365,467
NOMAN M. COLE JR. POLLUTION CONTROL PLANT	VA0025364	VA	POTTF_VA	612,158	36,729	6,121,576
MASSAPONAX	VA0025658	VA	RPPTF	97,458	7,309	730,934
ROUND HILL WWTP	VA0026212	VA	POTTF_MD	9,137	685	68,525
URBANNA	VA0026263	VA	RPPMH	1,218	91	9,137
COLONIAL BEACH	VA0026409	VA	POTMH_VA	18,273	1,827	182,734
MT JACKSON STP	VA0026441	VA	POTTF_MD	8,528	640	63,957
WOODSTOCK	VA0026468	VA	POTTF_MD	24,364	1,827	182,734
DAHLGREN (DAHLGREN SANITARY DISTRICT)	VA0026514	VA	POTMH_VA	9,137	914	91,367
WARSAW	VA0026891	VA	RPPMH	3,655	274	27,410
SHORE HOSPITAL	VA0027537	VA	CB7PH	1,218	91	9,137
QUANTICO-MAINSIDE	VA0028363	VA	POTOH_VA	20,101	1,206	201,007
STONE CREEK STP	VA0028380	VA	POTTF_MD	7,309	548	54,820

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
MATHEWS COURTHOUSE	VA0028819	VA	MOBPH	1,827	122	9,137
DOSWELL	VA0029521	VA	PMKTF	18,273	1,218	91,367
MARSHALL WWTP	VA0031763	VA	RPPTF	7,797	585	58,475
FORT A.P. HILL (WILCOX CAMP SITE)	VA0032034	VA	RPPTF	6,457	484	48,424
HARRISONBURG-ROCKINGHAM (NORTH RIVER REGIONAL)	VA0060640	VA	POTTF_MD	253,391	19,004	1,900,429
REEDVILLE	VA0060712	VA	CB5MH_VA	2,436	183	18,273
AQUIA	VA0060968	VA	POTOH_VA	73,093	4,386	730,934
CULPEPER	VA0061590	VA	RPPTF	73,093	5,482	548,201
LURAY	VA0062642	VA	POTTF_MD	19,492	1,462	146,187
FRONT ROYAL	VA0062812	VA	POTTF_MD	48,729	3,655	365,467
MIDDLE RIVER	VA0064793	VA	POTTF_MD	82,839	6,213	621,294
FWSA OPEQUON	VA0065552	VA	POTTF_MD	121,851	11,512	1,151,222
STUARTS DRAFT	VA0066877	VA	POTTF_MD	48,729	3,655	365,467
TANGIER ISLAND	VA0067423	VA	POCMH_VA	1,218	91	9,137
FMC	VA0068110	VA	RPPTF	65,784	4,934	493,381
PURKINS CORNER STP	VA0070106	VA	POTMH_VA	1,096	110	10,964
TAPPAHANNOCK	VA0071471	VA	RPPMH	9,746	731	73,093
MONTROSS - WESTMORELAND	VA0072729	VA	RPPMH	1,584	119	11,878
COORS SHENANDOAH BREWERY	VA0073245	VA	POTTF_MD	54,820	4,112	184,690
CAROLINE COUNTY REGIONAL	VA0073504	VA	MPNTF	9,137	609	45,683
PARKINS MILL	VA0075191	VA	POTTF_MD	60,911	4,568	456,834
WEST POINT	VA0075434	VA	MPNOH	10,964	731	54,820
LITTLE FALLS RUN	VA0076392	VA	RPPTF	97,458	7,309	730,934
REMINGTON REGIONAL	VA0076805	VA	RPPTF	30,456	2,284	228,417
GEORGE'S CHICKEN INC	VA0077402	VA	POTTF_MD	31,065	1,553	104,390
BEAR ISLAND PAPER CO.	VA0077763	VA	PMKTF	47,328	10,233	383,741
SOUTH WALES STP	VA0080527	VA	RPPTF	10,964	822	82,230
HRSD-YORK	VA0081311	VA	MOBPH	274,100	18,273	1,370,502
WILDERNESS SHORES	VA0083411	VA	RPPTF	15,228	1,142	114,209
OAKLAND PARK STP	VA0086789	VA	POTOH_VA	1,706	128	12,791

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
PARHAM LANDING WWTP	VA0088331	VA	PMKOH	36,547	2,436	182,734
HAYMOUNT STP	VA0089125	VA	RPPTF	11,695	877	87,712
HOPYARD FARMS STP	VA0089338	VA	RPPTF	6,091	457	45,683
TOTOPOTOMOY	VA0089915	VA	PMKTF	182,734	12,182	913,668
MOUNTAIN RUN STP	VA0090212	VA	RPPTF	0	0	0
SIL MRRS	VA0090263	VA	POTTF_MD	23,390	1,754	175,424
NORTH FORK REGIONAL WWTP	VA0090328	VA	POTTF_MD	9,137	685	68,525
RAPIDAN STP	VA0090948	VA	RPPTF	7,309	548	54,820
BROAD RUN WRF	VA0091383	VA	POTTF_MD	134,005	3,350	1,005,035
FAIRVIEW BEACH	VA0092134	VA	POTOH_VA	1,827	183	18,273
LEESBURG	VA0092282	VA	POTTF_MD	121,822	9,137	913,668
PILGRIM'S PRIDE	WV0005495	WV	POTTF_MD	13,096	1,310	13,096
VIRGINIA ELECTRIC & POWER	WV0005525	WV	POTTF_MD	0	0	0
LEETOWN SCIENCE CENTER	WV0005649	WV	POTTF_MD	18,273	1,827	18,273
MOOREFIELD	WV0020150	WV	POTTF_MD	9,137	914	9,137
ROMNEY	WV0020699	WV	POTTF_MD	7,614	761	7,614
PETERSBURG	WV0021792	WV	POTTF_MD	20,558	2,056	20,558
CHARLES TOWN	WV0022349	WV	POTTF_MD	26,649	2,665	26,649
MARTINSBURG	WV0023167	WV	POTTF_MD	45,683	4,568	45,683
KEYSER	WV0024392	WV	POTTF_MD	36,547	3,655	36,547
SHEPHERDSTOWN	WV0024775	WV	POTTF_MD	6,091	609	6,091
WARM SPRINGS PSD	WV0027707	WV	POTTF_MD	26,496	2,650	26,496
FORT ASHBY PSD	WV0041521	WV	POTTF_MD	7,614	761	7,614
HESTER INDUSTRIES, INC.	WV0047236	WV	POTTF_MD	7,614	761	7,614
BERKELEY COUNTY PSSD***	WV0082759	WV	POTTF_MD	89,844	8,984	89,844
REEDS CREEK HATCHERY	WV0111821	WV	POTTF_MD	26,298	2,630	26,298
SPRING RUN HATCHERY	WV0112500	WV	POTTF_MD	65,480	6,548	65,480
THE CONSERVATION FUND FRESHWATER INST	WV0116149	WV	POTTF_MD	15,380	1,538	15,380

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
NY Significant WWTP Aggregate	Including 28 NPDES listed below	NY	CB1TF	1,545,956	104,612	3,185,071
KRAFT FOODS, INC.	NY0004189	NY	CB1TF			
KRAFT FOODS GLOBAL	NY0004308	NY	CB1TF			
ADDISON (V)	NY0020320	NY	CB1TF			
HAMILTON (V)	NY0020672	NY	CB1TF			
GREENE (V) WWTP	NY0021407	NY	CB1TF			
NORWICH	NY0021423	NY	CB1TF			
BATH (V)	NY0021431	NY	CB1TF			
SHERBURNE (V) WWTP	NY0021466	NY	CB1TF			
ALFRED (V)	NY0022357	NY	CB1TF			
OWEGO (T) #1	NY0022730	NY	CB1TF			
CANISTEO (V) STP	NY0023248	NY	CB1TF			
COOPERSTOWN	NY0023591	NY	CB1TF			
HORNELL (C)	NY0023647	NY	CB1TF			
ERWIN (T)	NY0023906	NY	CB1TF			
BINGHAMTON-JOHNSON CITY JOINT BOROUGH	NY0024414	NY	CB1TF			
PAINTED POST (V)	NY0025712	NY	CB1TF			
CORNING (C)	NY0025721	NY	CB1TF			
OWEGO #2	NY0025798	NY	CB1TF			
CORTLAND (C)	NY0027561	NY	CB1TF			
ENDICOTT (V)	NY0027669	NY	CB1TF			
OWEGO (V)	NY0029262	NY	CB1TF			
SIDNEY (V)	NY0029271	NY	CB1TF			
WAVERLY (V)	NY0031089	NY	CB1TF			
ONEONTA (C)	NY0031151	NY	CB1TF			
RICHFIELD SPRINGS (V)	NY0031411	NY	CB1TF			
ELMIRA / CHEMUNG CO. SD #2	NY0035742	NY	CB1TF			
LAKE STREET/CHEMUNG COUNTY SD #1	NY0036986	NY	CB1TF			
CHENANGO NORTHGATE WWTP	NY0213781	NY	CB1TF			

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
VA James River Significant PS Aggregate	Including 39 NPDES listed below	VA		8,968,864	545,558	79,804,603
R.J. REYNOLDS (BROWN & WILLIAMSON)	VA0002780	VA	JMSTF2			
GEORGIA PACIFIC CORPORATION	VA0003026	VA	JMSTF2			
JH MILES	VA0003263	VA	JMSPH			
WESTVACO CORPORATION-COVINGTON HALL	VA0003646	VA	JMSTF2			
BWXT	VA0003697	VA	JMSTF2			
TYSON FOODS, INC.	VA0004031	VA	CHKOH			
DOMINION VIRGINIA POWER-CHESTERFIELD	VA0004146	VA	JMSTF2			
DUPONT-SPRUANCE	VA0004669	VA	JMSTF2			
LEES COMMERCIAL CARPET	VA0004677	VA	JMSTF2			
HONEYWELL	VA0005291	VA	JMSTF1			
GREIF BROS CORP-RIVERVILLE	VA0006408	VA	JMSTF2			
CREWE STP	VA0020303	VA	APPTF			
DOC Powhatan CC	VA0020699	VA	JMSTF2			
BUENA VISTA	VA0020991	VA	JMSTF2			
CLIFTON FORGE	VA0022772	VA	JMSTF2			
LAKE MONTICELLO STP	VA0024945	VA	JMSTF2			
LYNCHBURG	VA0024970	VA	JMSTF2			
FALLING CREEK	VA0024996	VA	JMSTF2			
SOUTH CENTRAL	VA0025437	VA	APPTF			
MOORES CREEK-RIVANNA AUTHORITY	VA0025518	VA	JMSTF2			
COVINGTON	VA0025542	VA	JMSTF2			
PHILLIP MORRIS-PARK 500	VA0026557	VA	JMSTF1			
LOW MOOR	VA0027979	VA	JMSTF2			
AMHERST TOWN STP	VA0031321	VA	JMSTF2			
PROCTORS CREEK	VA0060194	VA	JMSTF2			
RICHMOND	VA0063177	VA	JMSTF2			
HENRICO COUNTY	VA0063690	VA	JMSTF2			

Table 9-4. Edge of Stream (EOS) WLAs (Annual) for the 478 significant permitted dischargers to meet TMDLs to attain the Chesapeake Bay WQS

Permit Name	NPDES ID	Jurisdiction	Segment ID	TN EOS WLA (lbs/yr)	TP EOS WLA (lbs/yr)	TSS EOS WLA (lbs/yr)
HOPEWELL	VA0066630	VA	JMSTF1			
HRSD-ARMY BASE	VA0081230	VA	JMSPH			
HRSD-BOAT HARBOR	VA0081256	VA	JMSPH			
HRSD-CHESAPEAKE/ELIZABETH	VA0081264	VA	LYNPH			
HRSD-JAMES RIVER	VA0081272	VA	JMSMH			
HRSD-VIP	VA0081281	VA	ELIPH			
HRSD-NANSEMOND	VA0081299	VA	JMSPH			
HRSD-WILLIAMSBURG	VA0081302	VA	JMSOH			
FARMVILLE	VA0083135	VA	APPTF			
LEXINGTON-ROCKBRIDGE REGIONAL STP	VA0088161	VA	JMSTF2			
CHICKAHOMINY	VA0088480	VA	CHKOH			
ALLEGHANY CO. LOWER JACKSON	VA0090671	VA	JMSTF2			

* Back River WWTP discharges into two segments BACOH and PATMH

** Blue Plains treats wastewater from DC, MD and VA, but is listed once in this table as a plant located in DC

*** BERKELEY COUNTY PSSD WV0082759 includes four facilities under the same permit.

Note: Gray shading indicates significant permitted dischargers that are part of a larger aggregate WLA.