

## Maryland's Phase II WIP Appendix F – Final Target Loads for Significant Facilities

SECTOR	FACILITY NAME	NPDES	COUNTY	Final Target Loads, Edge-Of-Stream (lbs/yr)		
				TN	TP	TSS
SIGNIFICANT MUNICIPAL	ABERDEEN ADVANCED WWTP	MD0021563	HARFORD	48,729	3,655	365,467
SIGNIFICANT MUNICIPAL	ABERDEEN PROVING GROUND	MD0021237	HARFORD	34,110	2,558	255,827
SIGNIFICANT MUNICIPAL	ANNAPOLIS WATER RECLAMATION FACILITY	MD0021814	ANNE ARUNDEL	158,369	11,878	1,187,768
SIGNIFICANT MUNICIPAL	BACK RIVER WWTP	MD0021555	BALTIMORE BALTIMORE CITY	2,192,803	109,640	8,548,254
SIGNIFICANT MUNICIPAL	BALLENGER-MCKINNEY	MD0021822	FREDERICK	219,280	16,446	1,644,602
SIGNIFICANT MUNICIPAL	BLUE PLAINS <sup>1</sup>	DC0021199	MONTGOMERY PRINCE GEORGES	1,993,000	89,695	3,615,689
SIGNIFICANT MUNICIPAL	BOONSBORO WWTP	MD0020231	WASHINGTON	6,100	457	48,424
SIGNIFICANT MUNICIPAL	BOWIE WWTP	MD0021628	PRINCE GEORGES	40,201	3,015	301,510
SIGNIFICANT MUNICIPAL	BROADNECK WATER RECLAMATION FACILITY	MD0021644	ANNE ARUNDEL	73,093	5,482	548,201
SIGNIFICANT MUNICIPAL	BROADWATER WATER RECLAMATION FACILITY	MD0024350	ANNE ARUNDEL	24,364	1,827	182,734
SIGNIFICANT MUNICIPAL	BRUNSWICK WWTP	MD0020958	FREDERICK	17,055	1,279	127,914
SIGNIFICANT MUNICIPAL	CAMBRIDGE WWTP	MD0021636	DORCHESTER	98,676	7,401	740,071
SIGNIFICANT MUNICIPAL	CELANESE WWTP	MD0063878	ALLEGANY	24,364	1,827	182,734
SIGNIFICANT MUNICIPAL	CENTREVILLE WATER TREATMENT	MD0020834	QUEEN ANNES	3,004	456	45,683
SIGNIFICANT MUNICIPAL	CHESAPEAKE BEACH WWTP	MD0020281	ANNE ARUNDEL CALVERT	18,273	1,371	137,050
SIGNIFICANT MUNICIPAL	CHESTERTOWN WWTP	MD0020010	KENT	18,273	1,371	137,050
SIGNIFICANT MUNICIPAL	CONOCOCHEGUE WWTP	MD0063509	WASHINGTON	49,947	3,746	374,604
SIGNIFICANT MUNICIPAL	COX CREEK WATER RECLAMATION FACILITY	MD0021661	ANNE ARUNDEL	182,734	13,705	1,370,502
SIGNIFICANT MUNICIPAL	CRISFIELD WWTP	MD0020001	SOMERSET	12,182	914	91,367
SIGNIFICANT MUNICIPAL	CUMBERLAND WWTP	MD0021598	ALLEGANY	182,734	13,705	1,370,502
SIGNIFICANT MUNICIPAL	DAMASCUS WWTP	MD0020982	MONTGOMERY	18,273	1,371	137,050
SIGNIFICANT MUNICIPAL	DELMAR WWTP	MD0020532	WICOMICO	10,355	777	59,541
SIGNIFICANT MUNICIPAL	DENTON WWTP	MD0020494	CAROLINE	9,746	731	73,093
SIGNIFICANT MUNICIPAL	DORSEY RUN ADVANCED WWTP	MD0063207	ANNE ARUNDEL	24,364	1,827	182,734
SIGNIFICANT MUNICIPAL	EASTERN CORRECTIONAL INSTITUTE	MD0066613	SOMERSET	11,689	482	104,158
SIGNIFICANT MUNICIPAL	EASTON UTILITIES WWTF	MD0020273	TALBOT	48,729	3,655	365,467

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SIGNIFICANT MUNICIPAL	ELKTON WWTP	MD0020681	CECIL	37,156	2,787	278,669
SIGNIFICANT MUNICIPAL	EMMITSBURG WWTP	MD0020257	FREDERICK	9,137	685	68,525
SIGNIFICANT MUNICIPAL	FEDERALSBURG WWTP	MD0020249	CAROLINE	9,137	685	68,525
SIGNIFICANT MUNICIPAL	FREDERICK CITY WWTP	MD0021610	FREDERICK	97,458	7,309	633,476
SIGNIFICANT MUNICIPAL	FREEDOM DISTRICT WWTP	MD0021512	CARROLL	42,638	3,198	319,784
SIGNIFICANT MUNICIPAL	FRUITLAND WWTP	MD0052990	WICOMICO	9,746	731	73,093
SIGNIFICANT MUNICIPAL	GEORGE'S CREEK WWTP	MD0060071	ALLEGANY	7,309	548	54,820
SIGNIFICANT MUNICIPAL	HAGERSTOWN WWTP	MD0021776	WASHINGTON	97,458	7,309	730,934
SIGNIFICANT MUNICIPAL	HAMPSTEAD WWTP	MD0022446	CARROLL	10,964	822	82,230
SIGNIFICANT MUNICIPAL	HAVRE DE GRACE WWTP	MD0021750	HARFORD	27,715	2,079	207,859
SIGNIFICANT MUNICIPAL	HURLOCK WWTP	MD0022730	DORCHESTER	20,101	1,508	150,755
SIGNIFICANT MUNICIPAL	INDIAN HEAD WWTP	MD0020052	CHARLES	6,091	457	45,683
SIGNIFICANT MUNICIPAL	JOPPATOWNE WWTP	MD0022535	HARFORD	11,573	868	86,798
SIGNIFICANT MUNICIPAL	KENT ISLAND WWTP	MD0023485	QUEEN ANNES	36,547	2,741	274,100
SIGNIFICANT MUNICIPAL	LA PLATA WWTP	MD0020524	CHARLES	18,273	1,371	137,050
SIGNIFICANT MUNICIPAL	LEONARDTOWN WWTP	MD0024767	ST MARYS	8,284	621	62,129
SIGNIFICANT MUNICIPAL	LITTLE PATUXENT	MD0055174	HOWARD	304,556	22,842	2,284,170
SIGNIFICANT MUNICIPAL	MARLAY-TAYLOR WWTP	MD0021679	ST MARYS	73,093	5,482	548,201
SIGNIFICANT MUNICIPAL	MARLBORO MEADOWS WWTP	MD0022781	PRINCE GEORGES	0	0	0
SIGNIFICANT MUNICIPAL	MARYLAND CITY	MD0062596	ANNE ARUNDEL	30,456	2,284	228,417
SIGNIFICANT MUNICIPAL	MARYLAND CORRECTIONAL INST	MD0023957	WASHINGTON	19,492	1,462	146,187
SIGNIFICANT MUNICIPAL	MATTAWOMAN WWTP	MD0021865	CHARLES	243,645	10,964	1,827,336
SIGNIFICANT MUNICIPAL	MATTAWOMAN WWTP	MD0021865	MONTGOMERY PRINCE GEORGES	243,645	10,964	1,827,336
SIGNIFICANT MUNICIPAL	MAYO LARGE COMUNAL	MD0061794	ANNE ARUNDEL	9,989	749	74,921
SIGNIFICANT MUNICIPAL	MOUNT AIRY WWTP	MD0022527	CARROLL	14,619	1,096	109,640
SIGNIFICANT MUNICIPAL	NORTHEAST RIVER ADVANCED WWTP	MD0052027	CECIL	27,038	1,827	274,100
SIGNIFICANT MUNICIPAL	PARKWAY WWTP	MD0021725	PRINCE GEORGES	91,367	6,853	685,251
SIGNIFICANT MUNICIPAL	PATAPSCO WWTP	MD0021601	ANNE ARUNDEL BALTIMORE BALTIMORE CITY HOWARD	889,304	66,698	6,669,776

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SIGNIFICANT MUNICIPAL	PATUXENT WATER RECLAMATION FACILITY	MD0021652	ANNE ARUNDEL	91,367	6,853	685,251
SIGNIFICANT MUNICIPAL	PERRYVILLE WWTP	MD0020613	CECIL	20,101	1,508	150,755
SIGNIFICANT MUNICIPAL	PINEY ORCHARD WWTP	MD0059145	ANNE ARUNDEL	14,619	1,096	109,640
SIGNIFICANT MUNICIPAL	PISCATAWAY WWTP	MD0021539	PRINCE GEORGES	365,467	16,446	2,741,004
SIGNIFICANT MUNICIPAL	POCOMOKE CITY WWTP	MD0022551	WORCESTER	17,908	1,343	134,309
SIGNIFICANT MUNICIPAL	POOLESVILLE WWTP	MD0023001	MONTGOMERY	9,137	685	68,525
SIGNIFICANT MUNICIPAL	PRINCESS ANNE WWTP	MD0020656	SOMERSET	15,350	1,151	115,122
SIGNIFICANT MUNICIPAL	SALISBURY WWTP	MD0021571	WICOMICO	103,549	7,766	776,618
SIGNIFICANT MUNICIPAL	SENECA WWTP <sup>2</sup>	MD0021491	MONTGOMERY	316,738	21,563	2,375,537
SIGNIFICANT MUNICIPAL	SNOW HILL WWTP	MD0022764	WORCESTER	6,091	457	45,683
SIGNIFICANT MUNICIPAL	SOD RUN WWTP	MD0056545	HARFORD	243,645	18,273	1,827,336
SIGNIFICANT MUNICIPAL	SWAN POINT WWTP	MD0057525	CHARLES	7,309	548	54,820
SIGNIFICANT MUNICIPAL	TALBOT COUNTY REGION II WWTP	MD0023604	TALBOT	8,040	603	60,302
SIGNIFICANT MUNICIPAL	TANEYTOWN WWTP	MD0020672	CARROLL	13,400	1,005	100,503
SIGNIFICANT MUNICIPAL	THURMONT WWTP	MD0021121	FREDERICK	12,182	914	91,367
SIGNIFICANT MUNICIPAL	WESTERN BRANCH WWTP	MD0021741	PRINCE GEORGES	372,777	27,958	2,795,824
SIGNIFICANT MUNICIPAL	WESTMINSTER WWTP	MD0021831	CARROLL	60,911	4,568	456,834
SIGNIFICANT MUNICIPAL	WINEBRENNER WATER RECLAMATION FACILITY	MD0003221	WASHINGTON	12,182	914	91,367
SIGNIFICANT MUNICIPAL - FEDERAL	FORT DETRICK WWTP	MD0020877	FREDERICK	24,364	1,827	182,734
SIGNIFICANT MUNICIPAL - FEDERAL	NAVAL SUPPORT FACILITY INDIAN HEAD WWTP	MD0020885	CHARLES	6,091	457	45,683
SIGNIFICANT MUNICIPAL - FEDERAL	U.S. ARMY - FORT GEORGE G. MEADE	MD0021717	ANNE ARUNDEL	54,820	4,112	411,151
SIGNIFICANT MUNICIPAL - FEDERAL	U.S. ARMY ABERDEEN PROVING GROUND- EDGEWOOD AREA	MD0021229	HARFORD	36,547	2,741	274,100
SIGNIFICANT MUNICIPAL - FEDERAL	US NAVAL ACADEMY <sup>3</sup>	MD0023523	ANNE ARUNDEL	8,527	640	63,957
SIGNIFICANT MUNICIPAL - FEDERAL	USDA EAST-SIDE WWTP	MD0020842	PRINCE GEORGES	7,553	566	56,647

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SIGNIFICANT INDUSTRIAL	ALLEN FAMILY FOODS	MD0067857	TALBOT	4,500	370	68,525
SIGNIFICANT INDUSTRIAL	CONGOLEUM	MD0001384	CARROLL	3,219	160	7,631
SIGNIFICANT INDUSTRIAL	ERACHEM <sup>4</sup>	MD0001775	ANNE ARUNDEL	13,800	58	22,312
SIGNIFICANT INDUSTRIAL	MD & VA MILK PRODUCERS <sup>5</sup>	MD0000469	HOWARD	5,431	543	19,735
SIGNIFICANT INDUSTRIAL	NEW PAGE CORPORATION - LUKE (Westvaco)	MD0001422	ALLEGANY	12,733	597	511,654
SIGNIFICANT INDUSTRIAL	RG STEEL SPARROWS PT, LLC <sup>6</sup>	MD0001201	BALTIMORE	131,420	25,400	294,201
SIGNIFICANT INDUSTRIAL	UPPER POTOMAC RIVER COMMISSION	MD0021687	ALLEGANY	79,219	30,773	1,964,386
SIGNIFICANT INDUSTRIAL	W R GRACE	MD0000311	BALTIMORE CITY	310,737	2,475	371,497

<sup>1</sup> MD0021199 Blue Plains: To date, EPA Region III has resolved the loading issue for Nitrogen related to the Blue Plains discharge permit and the transfer of an equivalent of 6.0 mgd of TN loading to WSSC's Seneca plant in Maryland is reflected in the Blue Plains and Seneca latest issued permits. Furthermore, Nitrogen and Phosphorus loads equivalent to 6.0 mgd ENR effluent have been transferred to Seneca under an EPA approved NPDES permit for Seneca. However, because Blue Plains will retain the flow capacity of 169.6 mgd associated with the WSSC/MD flow allocation under the understanding that WSSC will offset any resulting loading if they use any of the 6.0 mgd of reserved flow capacity, this fact should be further noted by EPA Bay Program and WASA with regard to the design flow listed in the Blue Plains permit. As to Phosphorus, EPA's Chesapeake Bay Program will coordinate with EPA Region III/WASA/MDE to further clarify any remaining questions regarding the distribution of phosphorous load allocations between Blue Plains and Seneca WWTPs. Finally, MDE will work with EPA to clarify the 0.1 mgd flow issue at Blue Plains because this 0.1 mgd is from a federal facility.

<sup>2</sup> MD0021491 Seneca WWTP: see footnote #1

<sup>3</sup> MD0023523 US Naval Academy WWTP: The TN and TP Chesapeake Bay TMDL WLA for this facility are initially allocated as 12,182 lb/yr and 914 lb/yr, respectively. During the renewal process of the current discharge permit (07-DP-2535), MDE and NSA Annapolis WWTP negotiated and agreed to a lower permitted flow of 0.7 MGD instead of the 1.0 MGD design capacity. As part of the agreement, the Chesapeake Bay TMDL TN and TP WLA, which were based on the 2004 Tributary Strategy were reduced by 30% to TN = 8,527 lb/yr and TP = 640 lb/yr. The State is retaining custody of the difference between the permitted allocation and the Chesapeake Bay TMDL allocation for future use determination.

<sup>4</sup> MD0001775 Erachem: Effective September 2013

<sup>5</sup> MD0000469 MD & VA Milk Producers: The flow and associated nutrient and sediment loads from MD & VA Milk Producers have been transferred to the Little Patuxent Water Reclamation Plant (MD0055174).

<sup>6</sup> MD0001201 RG Steel: This does not include the additional applicable allocation for Back River 002 discharging via RG Steel outfalls. By 2015, RG Steel TN load allocation may decrease by as much as 82,000 lbs/year as the result of a pending revised 301(g) variance determination for ammonia.