

Appendix F – Final Target Loads for Significant Facilities

| SECTOR | NPDES | FACILITY NAME | WLA | Final Target Loads, Edge-Of-Stream (lbs/yr) | | |
|-----------------------|-----------|--|------------|---|---------|------------|
| | | | | TN | TP | TSS |
| SIGNIFICANT MUNICIPAL | DC0021199 | BLUE PLAINS ¹ | Individual | 1,993,000 | 89,695 | 15,495,809 |
| SIGNIFICANT MUNICIPAL | MD0003221 | WINEBRENNER WATER RECLAMATION FACILITY | Individual | 12,182 | 914 | 91,367 |
| SIGNIFICANT MUNICIPAL | MD0020001 | CRISFIELD WWTP | Individual | 12,182 | 914 | 91,367 |
| SIGNIFICANT MUNICIPAL | MD0020010 | CHESTERTOWN WWTP | Individual | 18,273 | 1,371 | 137,050 |
| SIGNIFICANT MUNICIPAL | MD0020052 | INDIAN HEAD WWTP | Individual | 6,091 | 457 | 45,683 |
| SIGNIFICANT MUNICIPAL | MD0020231 | BOONSBORO WWTP | Individual | 6,100 | 457 | 48,424 |
| SIGNIFICANT MUNICIPAL | MD0020249 | FEDERALSBURG WWTP | Individual | 9,137 | 685 | 68,525 |
| SIGNIFICANT MUNICIPAL | MD0020257 | EMMITSBURG WWTP | Individual | 9,137 | 685 | 68,525 |
| SIGNIFICANT MUNICIPAL | MD0020273 | EASTON UTILITIES WWTF | Individual | 48,729 | 3,655 | 365,467 |
| SIGNIFICANT MUNICIPAL | MD0020281 | CHESAPEAKE BEACH WWTP | Individual | 18,273 | 1,371 | 137,050 |
| SIGNIFICANT MUNICIPAL | MD0020494 | DENTON WWTP | Individual | 9,746 | 731 | 73,093 |
| SIGNIFICANT MUNICIPAL | MD0020524 | LA PLATA WWTP | Individual | 18,273 | 1,371 | 137,050 |
| SIGNIFICANT MUNICIPAL | MD0020532 | DELMAR WWTP | Individual | 10,355 | 777 | 77,662 |
| SIGNIFICANT MUNICIPAL | MD0020613 | PERRYVILLE WWTP | Individual | 20,101 | 1,508 | 150,755 |
| SIGNIFICANT MUNICIPAL | MD0020656 | PRINCESS ANNE WWTP | Individual | 15,350 | 1,151 | 115,122 |
| SIGNIFICANT MUNICIPAL | MD0020672 | TANEYTOWN WWTP | Individual | 13,400 | 1,005 | 100,503 |
| SIGNIFICANT MUNICIPAL | MD0020681 | ELKTON WWTP | Individual | 37,156 | 2,787 | 278,669 |
| SIGNIFICANT MUNICIPAL | MD0020834 | CENTREVILLE WATER TREATMENT | Individual | 3,004 | 456 | 45,683 |
| SIGNIFICANT MUNICIPAL | MD0020958 | BRUNSWICK WWTP | Individual | 17,055 | 1,279 | 127,914 |
| SIGNIFICANT MUNICIPAL | MD0020982 | DAMASCUS WWTP | Individual | 18,273 | 1,371 | 137,050 |
| SIGNIFICANT MUNICIPAL | MD0021121 | THURMONT WWTP | Individual | 12,182 | 914 | 91,367 |
| SIGNIFICANT MUNICIPAL | MD0021237 | ABERDEEN PROVING GROUND | Individual | 34,110 | 2,558 | 255,827 |
| SIGNIFICANT MUNICIPAL | MD0021491 | SENECA WWTP ² | Individual | 316,738 | 21,563 | 2,375,537 |
| SIGNIFICANT MUNICIPAL | MD0021512 | FREEDOM DISTRICT WWTP | Individual | 42,638 | 3,198 | 319,784 |
| SIGNIFICANT MUNICIPAL | MD0021539 | PISCATAWAY WWTP | Individual | 365,467 | 16,446 | 2,741,004 |
| SIGNIFICANT MUNICIPAL | MD0021555 | BACK RIVER WWTP | Individual | 2,192,803 | 109,640 | 16,446,024 |
| SIGNIFICANT MUNICIPAL | MD0021563 | ABERDEEN ADVANCED WWTP | Individual | 48,729 | 3,655 | 365,467 |
| SIGNIFICANT MUNICIPAL | MD0021571 | SALISBURY WWTP | Individual | 103,549 | 7,766 | 776,618 |
| SIGNIFICANT MUNICIPAL | MD0021598 | CUMBERLAND WWTP | Individual | 182,734 | 13,705 | 1,370,502 |
| SIGNIFICANT MUNICIPAL | MD0021601 | PATAPSCO WWTP | Individual | 889,304 | 66,698 | 6,669,776 |
| SIGNIFICANT MUNICIPAL | MD0021610 | FREDERICK CITY WWTP | Individual | 97,458 | 7,309 | 730,934 |
| SIGNIFICANT MUNICIPAL | MD0021628 | BOWIE WWTP | Individual | 40,201 | 3,015 | 301,510 |

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| | | | | TN | TP | TSS |
| SIGNIFICANT MUNICIPAL | MD0021636 | CAMBRIDGE WWTP | Individual | 98,676 | 7,401 | 740,071 |
| SIGNIFICANT MUNICIPAL | MD0021644 | BROADNECK WATER RECLAMATION FACILITY | Individual | 73,093 | 5,482 | 548,201 |
| SIGNIFICANT MUNICIPAL | MD0021652 | PATUXENT WATER RECLAMATION FACILITY | Individual | 91,367 | 6,853 | 685,251 |
| SIGNIFICANT MUNICIPAL | MD0021661 | COX CREEK WATER RECLAMATION FACILITY | Individual | 182,734 | 13,705 | 1,370,502 |
| SIGNIFICANT MUNICIPAL | MD0021679 | MARLAY-TAYLOR WWTP | Individual | 73,093 | 5,482 | 548,201 |
| SIGNIFICANT MUNICIPAL | MD0021725 | PARKWAY WWTP | Individual | 91,367 | 6,853 | 685,251 |
| SIGNIFICANT MUNICIPAL | MD0021741 | WESTERN BRANCH WWTP | Individual | 372,777 | 27,958 | 2,795,824 |
| SIGNIFICANT MUNICIPAL | MD0021750 | HAVRE DE GRACE WWTP | Individual | 27,715 | 2,079 | 207,859 |
| SIGNIFICANT MUNICIPAL | MD0021776 | HAGERSTOWN WWTP | Individual | 97,458 | 7,309 | 730,934 |
| SIGNIFICANT MUNICIPAL | MD0021814 | ANNAPOLIS WATER RECLAMATION FACILITY | Individual | 158,369 | 11,878 | 1,187,768 |
| SIGNIFICANT MUNICIPAL | MD0021822 | BALLENGER-MCKINNEY | Individual | 219,280 | 16,446 | 1,644,602 |
| SIGNIFICANT MUNICIPAL | MD0021831 | WESTMINSTER WWTP | Individual | 60,911 | 4,568 | 456,834 |
| SIGNIFICANT MUNICIPAL | MD0021865 | MATTAWOMAN WWTP | Individual | 243,645 | 10,964 | 1,827,336 |
| SIGNIFICANT MUNICIPAL | MD0022446 | HAMPSTEAD WWTP | Individual | 10,964 | 822 | 82,230 |
| SIGNIFICANT MUNICIPAL | MD0022527 | MOUNT AIRY WWTP | Individual | 14,619 | 1,096 | 109,640 |
| SIGNIFICANT MUNICIPAL | MD0022535 | JOPPATOWNE WWTP | Individual | 11,573 | 868 | 86,798 |
| SIGNIFICANT MUNICIPAL | MD0022551 | POCOMOKE CITY WWTP | Individual | 17,908 | 1,343 | 134,309 |
| SIGNIFICANT MUNICIPAL | MD0022730 | HURLOCK WWTP | Individual | 20,101 | 1,508 | 150,755 |
| SIGNIFICANT MUNICIPAL | MD0022764 | SNOW HILL WWTP | Individual | 6,091 | 457 | 45,683 |
| SIGNIFICANT MUNICIPAL | MD0022781 | MARLBORO MEADOWS WWTP | Individual | 0 | 0 | 0 |
| SIGNIFICANT MUNICIPAL | MD0023001 | POOLESVILLE WWTP | Individual | 9,137 | 685 | 68,525 |
| SIGNIFICANT MUNICIPAL | MD0023485 | KENT ISLAND WWTP | Individual | 36,547 | 2,741 | 274,100 |
| SIGNIFICANT MUNICIPAL | MD0023604 | TALBOT COUNTY REGION II WWTP | Individual | 8,040 | 603 | 60,302 |
| SIGNIFICANT MUNICIPAL | MD0023957 | MARYLAND CORRECTIONAL INST | Individual | 19,492 | 1,462 | 146,187 |
| SIGNIFICANT MUNICIPAL | MD0024350 | BROADWATER WATER RECLAMATION FACILITY | Individual | 24,364 | 1,827 | 182,734 |
| SIGNIFICANT MUNICIPAL | MD0024767 | LEONARDTOWN WWTP | Individual | 8,284 | 621 | 62,129 |
| SIGNIFICANT MUNICIPAL | MD0052027 | NORTHEAST RIVER ADVANCED WWTP | Individual | 27,038 | 1,827 | 274,100 |

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| | | | | TN | TP | TSS |
| SIGNIFICANT MUNICIPAL | MD0052990 | FRUITLAND WWTP | Individual | 9,746 | 731 | 73,093 |
| SIGNIFICANT MUNICIPAL | MD0055174 | LITTLE PATUXENT | Individual | 304,556 | 22,842 | 2,284,170 |
| SIGNIFICANT MUNICIPAL | MD0056545 | SOD RUN WWTP | Individual | 243,645 | 18,273 | 1,827,336 |
| SIGNIFICANT MUNICIPAL | MD0057525 | SWAN POINT WWTP | Individual | 7,309 | 548 | 54,820 |
| SIGNIFICANT MUNICIPAL | MD0059145 | PINEY ORCHARD WWTP | Individual | 14,619 | 1,096 | 109,640 |
| SIGNIFICANT MUNICIPAL | MD0060071 | GEORGE'S CREEK WWTP | Individual | 7,309 | 548 | 54,820 |
| SIGNIFICANT MUNICIPAL | MD0061794 | MAYO LARGE COMUNAL | Individual | 9,989 | 749 | 74,921 |
| SIGNIFICANT MUNICIPAL | MD0062596 | MARYLAND CITY | Individual | 30,456 | 2,284 | 228,417 |
| SIGNIFICANT MUNICIPAL | MD0063207 | DORSEY RUN ADVANCED WWTP | Individual | 24,364 | 1,827 | 182,734 |
| SIGNIFICANT MUNICIPAL | MD0063509 | CONOCOCHIEGUE WWTP | Individual | 49,947 | 3,746 | 374,604 |
| SIGNIFICANT MUNICIPAL | MD0063878 | CELANESE WWTP | Individual | 24,364 | 1,827 | 182,734 |
| SIGNIFICANT MUNICIPAL | MD0066613 | EASTERN CORRECTIONAL INSTITUTE | Individual | 11,689 | 482 | 104,158 |
| SIGNIFICANT MUNICIPAL - FEDERAL | MD0020842 | USDA EAST-SIDE WWTP | Individual | 7,553 | 566 | 56,647 |
| SIGNIFICANT MUNICIPAL - FEDERAL | MD0020877 | FORT DETRICK WWTP | Individual | 24,364 | 1,827 | 182,734 |
| SIGNIFICANT MUNICIPAL - FEDERAL | MD0020885 | NAVAL SUPPORT FACILITY INDIAN HEAD WWTP | Individual | 6,091 | 457 | 45,683 |
| SIGNIFICANT MUNICIPAL - FEDERAL | MD0021229 | U.S. ARMY ABERDEEN PROVING GROUND- EDGEWOOD AREA | Individual | 36,547 | 2,741 | 274,100 |
| SIGNIFICANT MUNICIPAL - FEDERAL | MD0021717 | U.S. ARMY - FORT GEORGE G. MEADE | Individual | 54,820 | 4,112 | 411,151 |
| SIGNIFICANT MUNICIPAL - FEDERAL | MD0023523 | US NAVAL ACADEMY | Individual | 12,182 | 914 | 91,367 |
| SIGNIFICANT INDUSTRIAL | MD0000311 | W R GRACE | Individual | 310,737 | 1,809 | 371,497 |
| SIGNIFICANT INDUSTRIAL | MD0000469 | MD & VA MILK PRODUCERS | Individual | 5,431 | 543 | 19,735 |
| SIGNIFICANT INDUSTRIAL | MD0001201 | RG STEEL ³ | Individual | 131,420 | 25,400 | 294,201 |
| SIGNIFICANT INDUSTRIAL | MD0001384 | CONGOLEUM | Individual | 4,005 | 160 | 7,631 |
| SIGNIFICANT INDUSTRIAL | MD0001422 | NEW PAGE CORPORATION - LUKE (Westvaco) | Individual | 12,733 | 597 | 511,654 |
| SIGNIFICANT INDUSTRIAL | MD0001775 | ERACHEM ⁴ | Individual | 13,800 | 58 | 22,312 |
| SIGNIFICANT INDUSTRIAL | MD0021687 | UPPER POTOMAC RIVER COMMISSION | Individual | 79,219 | 30,773 | 1,964,386 |

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|----------------------------------|-----------|--|------------|---|-----|------------|
| | | | | TN | TP | TSS |
| SIGNIFICANT INDUSTRIAL | MD0067857 | ALLEN FAMILY FOODS | Individual | 4,500 | 370 | 27,363,158 |
| SIGNIFICANT INDUSTRIAL - FEDERAL | MD0003158 | NAVAL SUPPORT FACILITY INDIAN HEAD INDUST | Individual | 1,777 | 740 | 44,383 |

¹ 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 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.

² MD0021491 Seneca WWTP: see footnote #1

³ 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.

⁴ MD0001775 Erachem: Effective September 2013