<table>
<thead>
<tr>
<th>Rank/Points</th>
<th>Project Title/Number/Population</th>
<th>Description</th>
<th>Applicant Name/County</th>
<th>Leg/County</th>
<th>River Basin NPDES #</th>
<th>Project Details</th>
<th>Milestone Dates</th>
<th>Total Cost</th>
<th>MDE Requested Funding</th>
<th>Cost By Needs Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TOWN OF HANCOCK WASTEWATER SYSTEM PROJECT</td>
<td>PROBLEM: EXISTING 0.38 MGD SECONDARY WWTP EXPERIENCES CHRONIC VIOLATIONS OF PERMIT LIMITS; CONSENT ORDER COP-15-2255</td>
<td>JOSEPH GILBERT</td>
<td>1C</td>
<td>02-14-05-01</td>
<td>Design</td>
<td>06/01/2020</td>
<td>10,935,930</td>
<td>10,935,930</td>
<td>II = 10,935,930</td>
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<tr>
<td>2</td>
<td>CW0101</td>
<td>PROJECT: P/D/C ENR UPGRADE INC SITING TANKS OUT OF 100-YR FLOOD PLAIN (NO EXPANSION)</td>
<td>TOWN OF HANCOCK</td>
<td>6</td>
<td>NPDES # MD0024562</td>
<td>W/S: Y PFA: Y Compliance PUBLIC SMALL DISADV.</td>
<td>Construction</td>
<td>11/01/2021</td>
<td>10,935,930</td>
<td>Loan 5 10,935,930</td>
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<tr>
<td>2</td>
<td>ROCK HALL WWTP SYSTEM ENR UPGRADE</td>
<td>PROBLEM: PLANT IS CURRENTLY OPERATING AT SECONDARY TREATMENT LEVEL</td>
<td>DAWN JACOBS</td>
<td>36</td>
<td>NPDES # MD0020303</td>
<td>W/S: Y PFA: 2 Compliance PUBLIC SMALL DISADV.</td>
<td>Design</td>
<td>09/01/2020</td>
<td>12,096,000</td>
<td>12,070,000</td>
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<td>3</td>
<td>CW0082</td>
<td>PROJECT: P/D/C UPGRADE PLANT FROM SECONDARY TO ENR TREATMENT LEVEL W/NO EXPANSION</td>
<td>TOWN OF ROCK HALL</td>
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<td>W/S: Y PFA: 1 Compliance PUBLIC SMALL DISADV.</td>
<td>Construction</td>
<td>09/30/2022</td>
<td>12,096,000</td>
<td>12,070,000</td>
<td>Loan 5 12,070,000</td>
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<td>3</td>
<td>PERRYVILLE WWTP ENR REFINEMENTS</td>
<td>PROBLEM: 1.65 MGD ENR WWTP CANNOT MEET ENR TREATMENT CONSISTENTLY</td>
<td>GEORGE H. SMITH</td>
<td>35A</td>
<td>NPDES # MD0020613</td>
<td>W/S: Y PFA: 1 Compliance PUBLIC SMALL DISADV.</td>
<td>Design</td>
<td>01/01/2020</td>
<td>6,846,450</td>
<td>6,826,450</td>
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<td>4</td>
<td>SOUTHERN KENT ISLAND (SKI) SANITARY PROJECT - PHASE 3</td>
<td>PROBLEM: Failing Septic Systems in 9 Communities Along Route 8 Corridor; Large Area Requires Multi-Phase Approach</td>
<td>ALAN QUIMBY</td>
<td>36</td>
<td>NPDES # MD0023485</td>
<td>W/S: Y PFA: 5 Compliance PUBLIC SMALL</td>
<td>Design</td>
<td>03/01/2020</td>
<td>14,000,000</td>
<td>NA = 14,000,000</td>
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<td>5</td>
<td>CW0001</td>
<td>PROJECT: P/D/C NEW 30,250LF 2-6&quot; HDPE SWR MAINS &amp; 338 STEP UNITS TO CONNECT EXISTING HOMES/4 BUSINESSES IN KENMORR &amp; QUEEN ANNE COLONY</td>
<td>COUNTY COMMISSIONERS OF QUEEN ANNE’S COUNTY</td>
<td>1</td>
<td>NPDES # MD0003247</td>
<td>W/S: Y PFA: 1 Compliance PRIVATE SMALL</td>
<td>Design</td>
<td>03/01/2020</td>
<td>15,350,000</td>
<td>15,350,000</td>
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**NEEDS CATEGORY DEFINITIONS:**

I. Secondary Treatment
IA. New Collector Sewer
IB. New Interceptor Sewer
II. Advanced Treatment
IVB. New Interceptor Sewer
III. I/I Correction
IVIA. CSO Correction - Traditional
IVIB. Major Sewer Rehab
IVB. CSO Correction - Green
V. Water Conservation
VI. SW Conveyance Infrastructure
VII. SW Treatment Systems
VIIA. Green Infrastructure
VII B. General SW Management
VII C. Decentralized
VII D. Hydromodification
VII E. Energy Conservation
PFA (Priority Funding Area) Codes:
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<td>6 90</td>
<td>CONNECT TRIUMPH INDUSTRIAL PARK TO COUNTY SANITARY SEWER</td>
<td>PROBLEM: EXISTING 0.0625 MGD LAGOON SYSTEM HAVING DIFFICULTY MEETING PERMIT LIMITS/MAY BE CONTRIBUTING TO GROUNDWATER CONTAMINATION</td>
<td>PHILIP MUZIK Cecil County</td>
<td>36</td>
<td>Design 02-13-06-05 W/S: Y PFA: Y PUBLIC LARGE DISADV.</td>
<td>05/01/2020 Construction 04/01/2021</td>
<td>3,635,000</td>
<td>3,575,000 Loan S 3,575,000</td>
<td>M$ = 3,635,000</td>
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<td>7 90</td>
<td>TRAPPE WASTEWATER TREATMENT PLANT ENR UPGRADE</td>
<td>PROBLEM: EXCESS NUTRIENTS TO CHESAPEAKE BAY; 02-13-04-03 WATERSHED IMPAIRED BY TN, TP, TSS, AND FECAL COLIFORM</td>
<td>ERIN BRABAND TOWN OF TRAPPE</td>
<td>37B</td>
<td>Design 02-13-04-03 W/S: Y PFA: Y Compliance 06/01/2020 Construction 11/01/2021</td>
<td>06/01/2020 Compliance 05/31/2023</td>
<td>7,105,000</td>
<td>7,105,000 Loan S 7,105,000</td>
<td>II = 7,105,000</td>
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<td>8 85</td>
<td>ELK NECK WASTEWATER TREATMENT PLANT ENR UPGRADE</td>
<td>PROBLEM: EFFLUENT FROM EXISTING 0.06 MGD WWTP NOT COMPATIBLE W/RECREATIONAL AND SHELLFISH HARVESTING USES AT DISCHARGE POINT</td>
<td>ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE</td>
<td>35A</td>
<td>Design 02-12-02-20 W/S: Y PFA: 1 Compliance 07/01/2020 Construction 12/01/2021</td>
<td>07/01/2020 Compliance 03/31/2022</td>
<td>6,247,320</td>
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<tr>
<td>9 80</td>
<td>SWALLOW FALLS STATE PARK-WASTEWATER INTERCEPTOR &amp; PUMPING STATION</td>
<td>PROBLEM: EXISTING 0.062 MGD WWTP TOO LARGE; DISCHARGE FROM LAGOON TO WADING STREAM LIMITED TO OFF-SEASON; SEE ALSO CW0049/22</td>
<td>ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE</td>
<td>1A</td>
<td>Design 05-02-02-01 W/S: N PFA: 1 Compliance 08/01/2019 Construction 08/31/2021</td>
<td>08/01/2019 Compliance 08/31/2021</td>
<td>9,832,736</td>
<td>9,645,656 Loan S 9,645,656</td>
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<td>10 80</td>
<td>SMITHSBURG WWTP ENR UPGRADE</td>
<td>PROBLEM: EXCESS NUTRIENTS TO CHESAPEAKE BAY; 0.33 MGD SECONDARY WWTP REACHING 80% CAPACITY</td>
<td>MARK BRADSHAW WASHINGTON CO BOARD OF COMMISSIONERS</td>
<td>2A</td>
<td>Design 02-14-05-02 W/S: Y PFA: 3 Compliance 08/01/2019 Construction 11/01/2020</td>
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<td>8,009,033</td>
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NEEDS CATEGORY DEFINITIONS:

I. Secondary Treatment
   IVA. New Collector Sewer
   IVB. New Interceptor Sewer

II. Advanced Treatment
   VI. SW Conveyance Infrastructure
   VIB. SW Treatment Systems

IIIA. I/I Correction
   VA. CSO Correction - Traditional
   VIC. Green Infrastructure

IIIB. Major Sewer Rehab
   VB. CSO Correction - Green
   VD. General SW Management

IIIC. Other

IIID. Water Quality
   VII. NPS: Sanitary Landfills
   VIIA. NPS: Hydromodification
   VIIB. NPS: Green Infrastructure
   VIIC. Decentralized
   VIDA. Water Conservation
   VIB. Water Quality

PFA (Priority Funding Area) Codes:

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<tr>
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<th>Project Title/Number/ Population</th>
<th>Project Description</th>
<th>Applicant Name/County</th>
<th>Leg/Cong NPDES #</th>
<th>River Basin</th>
<th>Project Details</th>
<th>Milestone Dates</th>
<th>Total Cost</th>
<th>MDE Requested Green Cost</th>
<th>Cost By Needs Category</th>
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</thead>
<tbody>
<tr>
<td>11 80</td>
<td>POOLESVILLE WASTE WATER PLANT DENITRIFICATION UPGRADE CW0060</td>
<td>PROBLEM: 2 MGD ENR WWTP CANNOT MEET ENR TREATMENT CONSISTENTLY PROJECT: D/C A DOWN FLOW DENITRIFICATION SYSTEM AND A METHANOL FEED SYSTEM TO MEET ENR TREATMENT CONSISTENTLY</td>
<td>SETH RIVARD TOWN OF POOLESVILLE</td>
<td>15 02-14-02-08 W/S: Y PFA: 1 PUBLIC NPDES # MD0023001</td>
<td>W/SECS 3</td>
<td>Design 04/01/2018 Construction 11/30/2022</td>
<td>6,458,432</td>
<td>6,188,672</td>
<td>II = 6,458,432</td>
<td>LOAN INTEREST</td>
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<tr>
<td>12 75</td>
<td>PRINCE FREDERICK WWTP #1 UPGRADE CW0014</td>
<td>PROBLEM: EXISTING 0.45 MGD LAGOON TREATMENT HAS LIMITED CAPACITY FOR NUTRIENT REMOVAL OR FOR NEW CONNECTIONS (INC. FAILING SEPTICS) PROJECT: P/D/C ENR UPGRADE, IMPROVE EFFICIENCY OF EXISTING TREATMENT TRAIN AND EXPAND TO 1.099 MGD; POSSIBLE REUSE OF EFFLUENT</td>
<td>ANDY HIPSKI CALVERT COUNTY BOARD OF COMMISSIONERS</td>
<td>27C 02-13-11-01 W/S: Y PFA: 5 Compliance PUBLIC SMALL NPDES # MD2705E05</td>
<td>W/SECS 5</td>
<td>Design 01/01/2020 Construction 10/31/2023</td>
<td>32,257,430</td>
<td>28,747,000</td>
<td>II = 32,257,430</td>
<td>LOAN INTEREST</td>
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<tr>
<td>13 70</td>
<td>TOWN OF LAPLATA MS4 STORMWATER UPGRADES CW0097</td>
<td>PROBLEM: TOWN REQ'D TO PROVIDE WQ TREATMENT OF 20% OF ITS IMPERVIOUS SURFACES NOT MEETING SW STANDARDS; MS4 PERMIT PROJECT: CONSTRUCT REHAB OF SWM FACILITIES (4); REDEVELOPMENT OF DRY PONDS/SW DETENTION AREAS USING FOREBAYS, LANDSCAPING, SITE DESIGN</td>
<td>ROBERT STAHL, JR TOWN OF LAPLATA</td>
<td>28 02-14-01-09 W/S: E PFA: E Compliance PUBLIC SMALL NPDES # MD0021598</td>
<td>W/SECS 6</td>
<td>Design 07/01/2020 Construction 06/30/2022</td>
<td>363,472</td>
<td>213,472</td>
<td>VA = 363,472</td>
<td>LOAN INTEREST</td>
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<tr>
<td>14 65</td>
<td>FROSTBURG CSO ELIMINATION PROJECT, GEORGE'S CREEK HEADWATERS INTERCEPTOR CW0068</td>
<td>PROBLEM: SIGNIFICANT I&amp;I IN FLOODPLAIN &amp; WETLANDS; AGED &amp; COLLAPSED SEWER PIPE CAUSING OVERFLOW; CONSENT DEGREE #01-C-00-18342L PROJECT: D/C REHAB OF 4000 LF OF 8&quot; CLAY SEWER PIPE, ISOLATED REPAIRS &amp; MANHOLE LINING; REPLACE/RELOCATE 500 LF DAMAGED 8&quot; SEWER PIPE</td>
<td>CHRIS HOVATTER CITY OF FROSTBURG</td>
<td>1A 02-14-10-05 W/S: Y PFA: Y Compliance PUBLIC SMALL NPDES # MD0021598</td>
<td>W/SECS 6</td>
<td>Design 11/01/2020 Construction 12/31/2022</td>
<td>1,121,500</td>
<td>981,313</td>
<td>VA = 1,121,500</td>
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<td>15 65</td>
<td>78&quot; PARALLEL PIPELINE FROM MILL RACE TO CSO STORAGE (PROJECT NO. 19-16-S) CW0022</td>
<td>PROBLEM: COMBINED SEWER OVERFLOW; CONSENT ORDER #01-C-00-18342L PROJECT: DESIGN/CONSTRUCT 78&quot; PIPELINE FROM MILL RACE TO CSO STORAGE FACILITY; ~ 14,000 LF INC MANHOLE, JUNCTION &amp; DIVERSION STRUCTURE</td>
<td>ROBERT SMITH MAYOR AND CITY COUNCIL OF CUMBERLAND</td>
<td>6 02-14-10-01 W/S: Y PFA: Y Compliance PUBLIC LARGE NPDES # MD0021598</td>
<td>W/SECS 1</td>
<td>Design 03/01/2019 Construction 09/30/2022</td>
<td>52,957,806</td>
<td>52,295,312</td>
<td>VA = 52,957,806</td>
<td>LOAN INTEREST</td>
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</tbody>
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**NEEDS CATEGORY DEFINITIONS:**

I. Secondary Treatment IA. New Collector Sewer IVA. SW Conveyance Infrastructure V. NPS: Sanitary Landfills W. Water Conservation O. Other

II. Advanced Treatment IB. New Interceptor Sewer IVB. SW Treatment Systems VIIK. NPS: Hydromodification E. Energy Conservation

IIIA. I/I Correction IVA. CSO Correction - Traditional VIC. Green Infrastructure VII. Decentralized

IIIB. Major Sewer Rehab IVA. CSO Correction - Green VID. General SW Management
<table>
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<th>Rank/Points</th>
<th>Project Title/Number/Population</th>
<th>Project Description</th>
<th>Applicant Name/County</th>
<th>Leg/County N</th>
<th>River Basin NPDES #</th>
<th>Project Details</th>
<th>Total Cost</th>
<th>MDE Requested Funding Cost By Needs Category</th>
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<tbody>
<tr>
<td>16 65</td>
<td>EVITTS CREEK CSO UPGRADES PH III - GRAVITY SEWER THRU CSX RAILYARD</td>
<td>PROJECT: D/C REHAB OF 8-30” PIPING USING CIPP METHOD RATED FOR 80B RAILROAD LOADS; RE-ESTABLISHING BURIED/INACCESSIBLE MANHOLES</td>
<td>ROBERT SMITH</td>
<td>Allegany County</td>
<td>6</td>
<td>(C) : Design</td>
<td>6,907,640</td>
<td>5,329,609</td>
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<tr>
<td>17 65</td>
<td>MATTAWOMAN INFILTRATION &amp; INFLOW</td>
<td>PROJECT: CONSTRUCT REHAB OF APPROXIMATELY 80,000 LF OF SEWER MAIN (8-24”), MAJORITY USING CIPP METHOD; REHAB UP TO 500 MANHOLES</td>
<td>ALICIA AFROLIAN</td>
<td>Allegany County</td>
<td>28</td>
<td>(C) : Design</td>
<td>8,370,900</td>
<td>7,500,000</td>
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<td>18 65</td>
<td>FRUITLAND TUXENTS BRANCH DRAINAGE</td>
<td>PROJECT: CONSTRUCT CLEANING/CIPP LINING OF 800 LF 24” &amp; 1,600 LF 36” SEWER SIPHON; STREAM RESTOR TO SUPPORT &amp; ELIMINATE UPSTRM POOL</td>
<td>TROY BROGDEN</td>
<td>Allegany County</td>
<td>38A</td>
<td>(C) : Design</td>
<td>2,981,296</td>
<td>2,981,296</td>
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<td>19 60</td>
<td>SANITARY SEWER RECONSTRUCTION - PARKWAY SEWER BASIN PGC SECTION 5</td>
<td>PROJECT: CONSTRUCT CLEANING/CIPP LINING OF 800 LF 24” &amp; 1,600 LF 36” SEWER SIPHON; STREAM RESTOR TO SUPPORT &amp; ELIMINATE UPSTRM POOL</td>
<td>TROY BROGDEN</td>
<td>Allegany County</td>
<td>13</td>
<td>(C) : Design</td>
<td>7,736,040</td>
<td>4,470,733</td>
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**NEEDS CATEGORY DEFINITIONS:**

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<th>Category</th>
<th>Example</th>
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<td>IVB. New Interceptor Sewer</td>
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<td>IIIIB. Major Sewer Rehab</td>
<td>VB. CSO Correction - Green</td>
</tr>
<tr>
<td>IV. SW Conveyance Infrastructure</td>
<td>VIA. SW Conveyance Infrastructure</td>
</tr>
<tr>
<td>V. SW Treatment Systems</td>
<td>VIB. SW Treatment Systems</td>
</tr>
<tr>
<td>VI. Green Infrastructure</td>
<td>VIC. Green Infrastructure</td>
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<tr>
<td>VII. General SW Management</td>
<td>VID. General SW Management</td>
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<tr>
<td>VIII. NPS: Sanitary Landfills</td>
<td>VIJI. NPS: Sanitary Landfills</td>
</tr>
<tr>
<td>IX. NPS: Hydromodification</td>
<td>VIJK. NPS: Hydromodification</td>
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<td>X. Decentralized</td>
<td>VIIL. Decentralized</td>
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<td>XI. Energy Conservation</td>
<td>VIIJ. Energy Conservation</td>
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<td>XII. Water Conservation</td>
<td>W. Water Conservation</td>
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<td>PFA (Priority Funding Area)</td>
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<th>Cost By Needs Category</th>
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<tr>
<td>26 60</td>
<td>URBAN STORMWATER RETROFIT CW0066</td>
<td>PROBLEM: INSUFFICIENT STORMWATER MANAGEMENT; MS4 PERMIT</td>
<td>JOSEPH P. GILL PRINCE GEORGE'S COUNTY MARYLAND</td>
<td>REG</td>
<td>W/S: E PFA: E</td>
<td>Design 09/01/2019 Construction 07/01/2020 Compliance PUBLIC LARGE</td>
<td>30,000,000</td>
<td>30,000,000</td>
<td>VB = 30,000,000</td>
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<td>DRAIN ACRES=3,117</td>
<td>PROJECT: P/D/C CONSTRUCT STORMWATER BMP RETROFITS ON 867 IMPEROUS ACRES ON MULTIPLE SITES THROUGHOUT THE COUNTY</td>
<td>System Size ~ Large Prince George's County</td>
<td>REG</td>
<td></td>
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<td>27 60</td>
<td>GREENBRIER STATE PARK WWTP</td>
<td>PROBLEM: EXCESSIVE NUTRIENTS TO CHESAPEAKE BAY ENR UPGRADE</td>
<td>ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE</td>
<td></td>
<td>W/S: Y PFA: Y</td>
<td>Design 09/01/2019 Construction 12/01/2021 Compliance PUBLIC</td>
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<td>CW0051</td>
<td>PROJECT: P/D/C ENR UPGRADE OF EXISTING 0.05MGD WWTP <strong>NOT COST-EFFECTIVE</strong></td>
<td>Washington County</td>
<td></td>
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<tr>
<td>28 55</td>
<td>SC-866 REPLACEMENT OF THE SOUTHWEST DIVERSION PRESSURE SEWER - PH 1</td>
<td>PROBLEM: AGING SEWER SYSTEM, SSO’s, CAPACITY PROBLEMS; MODIFIED CONSENT DECREE</td>
<td>TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE</td>
<td>46</td>
<td>W/S: Y PFA: Y</td>
<td>Design 01/01/2015 Construction 10/31/2022 Compliance PUBLIC LARGE DISADV.</td>
<td>58,188,240</td>
<td>48,275,352</td>
<td>IIIB = 58,188,240</td>
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<td></td>
<td>CW0026</td>
<td>PROJECT: CONSTRUCT 7.300 LF OF 102&quot; PIPE OPEN CUT METHOD EXCEPT 100 FT TUNNELING METHOD; 400 LF OF 96&quot; PIPE OPEN CUT; RELOCATE UTIL</td>
<td>System Size ~ Large Baltimore City</td>
<td>10</td>
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<tr>
<td>29 55</td>
<td>MATTAWOMAN WWTP Automation</td>
<td>PROBLEM: WTP ACHIEVES ENR; PROCESSES MANUALLY CONTROLLED, EXCESSIVE FLOW VARIATION/NPDES PERMIT VIOLATIONS <strong>PENDING CONSENT ORDER</strong></td>
<td>ALICIA AFROLIAN COUNTY COMMISSIONERS OF CHARLES COUNTY, MARYLAND</td>
<td>28</td>
<td>W/S: Y PFA: Y</td>
<td>Design 12/01/2017 Construction 06/30/2022 Compliance PUBLIC</td>
<td>6,171,000</td>
<td>3,260,577</td>
<td>11 = 6,171,000</td>
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<td></td>
<td>CW0076</td>
<td>PROJECT: CONSTRUCT AUTOMATION TECHNOLOGY TO CONTROL FLOWS AND REDUCE EXCESSIVE FLOW VARIATION</td>
<td></td>
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<td></td>
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<tr>
<td>30 55</td>
<td>MATTAWOMAN WWTP Flow Equalization</td>
<td>PROBLEM: WTP ACHIEVES ENR BUT NEED TO MANAGE PEAK FLOWS/REGULATE HYDRAULIC LOADING/NPDES PERMIT VIOLATIONS <strong>PENDING CONSENT ORDER</strong></td>
<td>ALICIA AFROLIAN COUNTY COMMISSIONERS OF CHARLES COUNTY, MARYLAND</td>
<td>28</td>
<td>W/S: Y PFA: Y</td>
<td>Design 12/01/2018 Construction 02/01/2021 Compliance PUBLIC</td>
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<td>CW0077</td>
<td>PROJECT: CONSTRUCT FLOW EQUALIZATION BASINS TO ELIMINATE EXCESSIVE FLOW VARIATION AND PREVENT SPILL VIOLATIONS</td>
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**NEEDS CATEGORY DEFINITIONS:**

I. Secondary Treatment
II. Advanced Treatment
IIIA. I/I Correction
IIIB. Major Sewer Rehab
IV. SW Conveyance Infrastructure
V. SW Treatment Systems
VI. CSO Correction - Traditional
VII. CSO Correction - Green
VIA. General SW Management
VIIA. NPS: Sanitary Landfills
VIIB. NPS: Hydromodification
VIIA. Decentralized
VIII. Green Infrastructure
VIIIA. SW Conveyance Infrastructure
IX. Other
X. Water Conservation

**PFA (Priority Funding Area) Codes:**

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<tr>
<th>Rank/Points</th>
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<th>Applicant Name/ County</th>
<th>Leg/Cong District</th>
<th>River Basin NPDES #</th>
<th>Project Details</th>
<th>Milestone Dates</th>
<th>Total Cost Green Cost</th>
<th>MDE Requested Funding</th>
<th>Cost By Needs Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 55</td>
<td>SC-1005 HERRING RUN SEWERSHED INFLOW &amp; INFILTRATION REDUCTION</td>
<td>PROBLEM: HIGH INFLOW &amp; INFILTRATION IN TEN METERED BASINS; MODIFIED CONSENT DEGREE</td>
<td>TROY BROGDEN</td>
<td>REG</td>
<td>02-13-09-01</td>
<td>Design</td>
<td>01/01/2020</td>
<td>27,313,170</td>
<td>21,090,678</td>
<td>Loan $ 21,090,678</td>
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<td>32 55</td>
<td>SC-946R SANITARY SEWER COLLECTION SYSTEM IMPR IN THE JONES FALLS SH-GLEN AVENUE</td>
<td>PROBLEM: AGED SEWER SYSTEM DETERIORATING; INFILTRATION, SEWAGE BACKUPS &amp; OVERFLOWS INTO CITY STREETS; MODIFIED CONSENT DEGREE</td>
<td>TROY BROGDEN</td>
<td>REG</td>
<td>02-13-09-04</td>
<td>Design</td>
<td>04/01/2019</td>
<td>6,633,844</td>
<td>4,548,424</td>
<td>Loan $ 4,548,424</td>
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<td>33 55</td>
<td>SC-978 SMALL DIAMETER SEWER MAIN REPL IN ROLAND PARK OF THE JONES FALLS SH</td>
<td>PROBLEM: AGING SANITARY SEWER SYSTEM; INSUFFICIENT CAPACITY; SEWAGE BACKING UP INTO BASEMENTS; MODIFIED CONSENT DEGREE</td>
<td>TROY BROGDEN</td>
<td>REG</td>
<td>03-13-09-04</td>
<td>Design</td>
<td>01/01/2017</td>
<td>11,516,810</td>
<td>9,082,089</td>
<td>Loan $ 9,082,089</td>
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<td>SC-1006 HERRING RUN SEWERSHED INFLOW &amp; INFILTRATION REDUCTION - PROJECT 02</td>
<td>PROBLEM: HIGH INFLOW &amp; INFILTRATION IN NINE METERED BASINS; MODIFIED CONSENT DEGREE</td>
<td>TROY BROGDEN</td>
<td>REG</td>
<td>02-13-09-01</td>
<td>Design</td>
<td>01/01/2020</td>
<td>26,672,758</td>
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<td>Loan $ 20,751,672</td>
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<td>SC-1007 HERRING RUN SEWERSHED INFLOW &amp; INFILTRATION REDUCTION - PROJECT 03</td>
<td>PROBLEM: HIGH INFLOW &amp; INFILTRATION IN THREE METERED BASINS; MODIFIED CONSENT DEGREE</td>
<td>TROY BROGDEN</td>
<td>REG</td>
<td>02-13-09-01</td>
<td>Design</td>
<td>01/01/2020</td>
<td>6,559,189</td>
<td>5,076,498</td>
<td>Loan $ 5,076,498</td>
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</table>

**NEEDS CATEGORY DEFINITIONS:**

I. Secondary Treatment  
IVA. New Collector Sewer  
VIA. SW Conveyance Infrastructure  
VII. NPS: Sanitary Landfills  
W. Water Conservation

II. Advanced Treatment  
IVB. New Interceptor Sewer  
VIB. SW Treatment Systems  
VIK. NPS: Hydromodification  
O. Other

IIIA. I/I Correction  
VA. CSO Correction - Traditional  
VIC. General SW Management  
VI. Decentralized  
E. Energy Conservation

IIIB. Major Sewer Rehab  
VB. CSO Correction - Green  
VII. Decentralized  

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<th>River Basin NPDES #</th>
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<th>Milestone Dates</th>
<th>Total Cost</th>
<th>MDE Requested Funding</th>
<th>Cost By Needs Category</th>
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<tbody>
<tr>
<td>36</td>
<td>55</td>
<td>SC-985 WASTEWATER ENGINEERING SERVICES FOR THE REHAB OF HIGH LEVEL INTERCEPTOR</td>
<td>PROBLEM: MULTIPLE SINKHOLES HAVE OCCURED DUE TO STRUCTURAL FAILURES OF EXISTING UNREINFORCED CONCRETE PIPE; MODIFIED CONSENT DECREE</td>
<td>TROY BROGDEN</td>
<td>REG 7</td>
<td>NPDES # MD0021555</td>
<td>Design</td>
<td>02/01/2019</td>
<td>23,598,000</td>
<td>16,524,000</td>
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<td>37</td>
<td>55</td>
<td>SC-1004 GWYNNS FALLS SEwershed INFLOW &amp; INFILTRATION REDUCTION-PROJECT 01</td>
<td>PROBLEM: HIGH INFLOW &amp; INFILTRATION IN SIX METERED BASINS; MODIFIED CONSENT DEGREE</td>
<td>TROY BROGDEN</td>
<td>REG 7</td>
<td>NPDES # MD0021555</td>
<td>Design</td>
<td>01/01/2020</td>
<td>22,810,423</td>
<td>17,840,566</td>
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<tr>
<td>38</td>
<td>55</td>
<td>SANITARY SEWER RECONSTRUCTION - NORTHWEST BRANCH SEWER BASIN MC SECTION 5</td>
<td>PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679</td>
<td>MARCIA TUCKER</td>
<td>REG</td>
<td>NPDES # DC0021199</td>
<td>Design</td>
<td>06/01/2020</td>
<td>10,558,080</td>
<td>10,558,080</td>
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<tr>
<td>39</td>
<td>55</td>
<td>SANITARY SEWER RECONSTRUCTION - SLIGO CREEK SEWER BASIN MC SECTION 5</td>
<td>PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679</td>
<td>MARCIA TUCKER</td>
<td>REG 8</td>
<td>NPDES # DC0021199</td>
<td>Design</td>
<td>06/01/2020</td>
<td>8,508,240</td>
<td>8,508,240</td>
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<td>40</td>
<td>55</td>
<td>SANITARY SEWER RECONSTRUCTION - CABIN JOHN SEWER BASIN MC SECTION 5</td>
<td>PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679</td>
<td>MARCIA TUCKER</td>
<td>REG</td>
<td>NPDES # DC0021199</td>
<td>Design</td>
<td>06/01/2020</td>
<td>7,371,000</td>
<td>7,371,000</td>
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**NEEDS CATEGORY DEFINITIONS:**
- I. Secondary Treatment
- II. Advanced Treatment
- IIIA. I/I Correction
- IIIIB. Major Sewer Rehab
- IV. New Collector Sewer
- IVB. New Interceptor Sewer
- V. SW Conveyance Infrastructure
- VI. SW Treatment Systems
- VII. NPS: Sanitary Landfills
- VIIA. NPS: Hydromodification
- VIIIB. NPS: Hydromodification
- VIII. Decentralized
- IX. Green Infrastructure
- X. General SW Management
- XI. Energy Conservation
- XII. Other

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<th>Project Details</th>
<th>Total Cost</th>
<th>MDE Requested Funding</th>
<th>Cost By Needs Category</th>
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</thead>
<tbody>
<tr>
<td>41 55</td>
<td>SANITARY SEWER RECONSTRUCTION - ROCK CREEK SEWER BASIN MC SECTION 5</td>
<td>PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679</td>
<td>MARCIA TUCKER</td>
<td>REG</td>
<td>NPDES # DC0212199</td>
<td>Design</td>
<td>5,910,840</td>
<td>VA = 5,910,840</td>
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<td>CW0093</td>
<td>PROJECT: CONSTRUCT 4.21 MILES OF 6-30&quot; DIAMETER SEWER MAIN; REPAIR/REPLACE/REHAB SEWER MAINS</td>
<td>WASHINGTON SUBURBAN SANITARY COMMISSION</td>
<td>W/S: Y</td>
<td>Construction</td>
<td>5,910,840</td>
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<td>System Size = Large Montgomery County</td>
<td>PFA: Y</td>
<td>Compliance PUBLIC LARGE</td>
<td>12/01/2021</td>
<td>12/31/2022</td>
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<td>42 55</td>
<td>SANITARY SEWER RECONSTRUCTION - PAINT BRANCH SEWER BASIN MC SECTION 5</td>
<td>PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679</td>
<td>MARCIA TUCKER</td>
<td>REG</td>
<td>NPDES # DC0212199</td>
<td>Design</td>
<td>4,057,560</td>
<td>VA = 4,057,560</td>
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<td>CW0092</td>
<td>PROJECT: CONSTRUCT 2.89 MILES OF 6-12&quot; DIAMETER SEWER MAIN; REPAIR/REPLACE/REHAB SEWER MAINS</td>
<td>WASHINGTON SUBURBAN SANITARY COMMISSION</td>
<td>W/S: Y</td>
<td>Construction</td>
<td>4,057,560</td>
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<td>System Size = Large Montgomery County</td>
<td>PFA: Y</td>
<td>Compliance PUBLIC LARGE</td>
<td>12/01/2021</td>
<td>12/31/2022</td>
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<tr>
<td>43 50</td>
<td>FREYS ROAD SEWER PETITION PROJECT</td>
<td>PROBLEM: FAILING SEPTIC SYSTEMS AT 11 EXISTING HOMES WITH INADEQUATE SEPARATION FROM SURFACE AND GROUNDWATER</td>
<td>DAVID M. BURKE, PE</td>
<td>3A</td>
<td>NPDES # MD0056545</td>
<td>Design</td>
<td>695,000</td>
<td>NA = 695,000</td>
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<td>CW0017</td>
<td>PROJECT: CONSTRUCT 700 LF 5.5-2&quot; MAIN, 470 LF HOUSE CONN AND GRINDER PUMPS TO CONNECT 11 HOMES/1 VACANT LOT TO SOD RUN WWTP (ENR)</td>
<td>HARFORD COUNTY GOVERNMENT</td>
<td>2</td>
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<td>10/01/2019</td>
<td>1,700,000</td>
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<td>System Size = Small Harford County</td>
<td>PFA: Y</td>
<td>Compliance PUBLIC SMALL</td>
<td>12/01/2020</td>
<td>07/31/2021</td>
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<tr>
<td>44 50</td>
<td>LEWIS ROAD SEWER EXTENSION</td>
<td>PROBLEM: POTENTIAL SEPTIC FAILURE; HIGH GROUNDWATER CONDITIONS; POOR SOILS; DRAINAGE TO NEWPORT BAY IMPACTED BY HIGH LEVEL OF NUTRIENT</td>
<td>JESSICA R. WILSON</td>
<td>3C</td>
<td>NPDES # MD0121X02</td>
<td>Design</td>
<td>2,450,000</td>
<td>NA = 2,450,000</td>
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<td>CW0095</td>
<td>PROJECT: D/C ~4800 LF OF GRAVITY SEWER, 18 MANHOLES TO CONNECT 38 EXISTING HOMES TO LANDING WWTP (NOT BNR/ENR)</td>
<td>COUNTY COMMISSIONERS OF WORCESTER COUNTY MARYLAND</td>
<td>1</td>
<td></td>
<td>06/01/2020</td>
<td>1,700,000</td>
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<td>System Size = Small Worcester County</td>
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<td>Compliance PUBLIC SMALL</td>
<td>08/01/2021</td>
<td>06/30/2022</td>
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<tr>
<td>45 50</td>
<td>NORTH FORK TANYARD BRANCH STREAM BANK RESTORATION &amp; STABILIZATION</td>
<td>PROBLEM: STREAMBANK FAILURE WOULD CAUSE FLOODING AT NEARBY POWER PLANT BUILDING AND OF SANITARY SEWERS VIA MANHOLES</td>
<td>P. MOFFETT</td>
<td>37B</td>
<td>NPDES # MD0121X02</td>
<td>Design</td>
<td>140,500</td>
<td>VK = 140,500</td>
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<td>CW0067</td>
<td>PROJECT: P/D/C BANKFULL USING SOD MATTING TO ING STREAMED CAPACITY, REBUILD STONE TOE WALL &amp; CONSTR IMBRICATED WALL TO REPL EXISTING</td>
<td>EASTON UTILITIES COMMISSION</td>
<td>1</td>
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<td>10/01/2019</td>
<td>105,375</td>
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<td>System Size = Large Talbot County</td>
<td>PFA: E</td>
<td>Compliance PUBLIC LARGE</td>
<td>11/01/2021</td>
<td>06/30/2021</td>
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IIIA. LI/IV Correction
IIIB. Major Sewer Rehab
IVA. New Collector Sewer
IVB. New Interceptor Sewer
VA. CSO Correction - Traditional
VB. CSO Correction - Green
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VI. SW Treatment Systems
VIC. Green Infrastructure
VID. General SW Management
VII. NPS: Sanitary Landfills
VIIJ. NPS: Hydromodification
VIL. Decentralized
VIIE. Energy Conservation
W. Water Conservation
O. Other
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PFA: 6 = Other
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<tr>
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<th>Total Cost</th>
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</thead>
<tbody>
<tr>
<td>46</td>
<td>ROCKY GAP WASTEWATER TREATMENT PLANT EFFLUENT REUSE</td>
<td>PROBLEM: EXISTING WWTP DISCHARGES ENR EFFLUENT TO SURFACE WATERS DESIGNATED AS USE III-P (PROPAGATION OF TROUT &amp; PUBLIC WATER SUPPLY)</td>
<td>ELLEN A. FRKETIC</td>
<td>1B</td>
<td>02-14-10-02</td>
<td>W/S: N PFA: 1 PUBLIC</td>
<td>Design</td>
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<td>3,900,000 W= 3,900,000</td>
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<td>47</td>
<td>SOUTHERN MARYLAND CORRECTIONAL INSTITUTION (PRE-RELEASE) WWTP EFFLUENT REUSE</td>
<td>PROBLEM: EXISTING 0.02 MGD WWTP DISCHARGES ENR EFFLUENT TO SURFACE WATERS DESIGNATED AS USE I (WATER CONTACT SPORTS/AQUATIC LIFE)</td>
<td>ELLEN A. FRKETIC</td>
<td>28</td>
<td>02-14-01-07</td>
<td>W/S: Y PFA: 1 PUBLIC</td>
<td>Design</td>
<td>09/01/2020</td>
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<td>1,790,000 W= 1,790,000</td>
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<tr>
<td>48</td>
<td>ROCKVILLE WASTEWATER COLLECTION SYSTEM REHABILITATION</td>
<td>PROBLEM: AGING INFRASTRUCTURE; INFLOW &amp; INFILTRATION INTO WASTEWATER COLLECTION SYSTEM; SSO's &amp; BASEMENT BACKUPS</td>
<td>HEATHER GEWANDTER</td>
<td>17</td>
<td>02-14-02-06</td>
<td>W/S: Y PFA: 1 PUBLIC</td>
<td>Design</td>
<td>01/01/2009</td>
<td>3,000,000</td>
<td>2,625,000 IIIIB = 3,000,000</td>
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<td>49</td>
<td>REPLACEMENT OF EAST NEW MARKET PUMP STATION</td>
<td>PROBLEM: CURRENT PUMP STATION AT END OF USEFUL LIFE/CANNOT HANDLE CURRENT PUMPING DEMAND AND EXPERIENCES OVERFLOWS</td>
<td>MICHELLE JACKSON</td>
<td>37</td>
<td>02-13-04-04</td>
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<td>Design</td>
<td>09/01/2020</td>
<td>1,704,302</td>
<td>1,704,302 MB= 1,704,302</td>
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<tr>
<td>50</td>
<td>BAY VIEW INTERCEPTOR SEWER REPAIR</td>
<td>PROBLEM: SEWER LINE EXPOSED AND UNDERMINED AT SEVERAL LOCATIONS CAUSING RISK OF BREAKAGE</td>
<td>PHILIP MUZIK</td>
<td>35B</td>
<td>02-13-06-08</td>
<td>W/S: Y PFA: Y PUBLIC</td>
<td>Design</td>
<td>03/01/2020</td>
<td>1,000,000</td>
<td>1,000,000 IIIIB = 1,000,000</td>
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III.B. Major Sewer Rehab
IVA. New Collector Sewer
IVB. New Interceptor Sewer
VA. CSO Correction - Traditional
VB. CSO Correction - Green
VI. SW Conveyance Infrastructure
VII. SW Treatment Systems
VIA. Green Infrastructure
VID. General SW Management
VIIIA. NPS: Sanitary Landfills
VIIIB. NPS: Hydromodification
VIIIA. Water Conservation
VIIIA. Decentralized
VIIIA. Energy Conservation
VIIIA. Other

**PFA (Priority Funding Area) Codes:**

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<th>Leg/Con District</th>
<th>River Basin/NPDES #</th>
<th>Project Details</th>
<th>Total Cost/Requested Funding</th>
<th>Cost By Needs Category</th>
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<tbody>
<tr>
<td>51 40</td>
<td>WOODMARK STORMWATER RETROFIT</td>
<td>PROBLEM: DAM AT RISK OF FAILURE/DOWNSTREAM WATER QUALITY THREATENED DUE TO DOWNSTREAM TOE/SPILLWAY DETERIORATION AND UPSTREAM EROSION</td>
<td>CHRISTOPHER MAUS</td>
<td>9A</td>
<td>W/S: E PFA: E</td>
<td>Design 01/01/17</td>
<td>2,100,000</td>
<td>Loan $ 176,000</td>
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<tr>
<td>51 40</td>
<td>CW0007</td>
<td>PROJECT: CONSTRUCT NEW OUTLET AND RESTORE/STABILIZE ADJACENT STREAM</td>
<td>WOODMARK COMMUNITY ASSOCIATION</td>
<td>7</td>
<td>PFA: PRIVATE SMALL</td>
<td>Construction 08/01/2021</td>
<td>176,000</td>
<td>Loan $ 176,000</td>
</tr>
<tr>
<td>51 40</td>
<td></td>
<td>PROJECT: CONSTRUCT IMPROVEMENTS TBD TO FIVE STRUCTURAL FACILITIES AS DETERMINED BY WATERSHED STUDY</td>
<td>CARROLL COUNTY COMMISSIONERS</td>
<td>1</td>
<td>PFA: PUBLIC 12/01/2021</td>
<td>Construction 12/31/2022</td>
<td>2,000,000</td>
<td>Loan UNWANTED</td>
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<tr>
<td>51 40</td>
<td></td>
<td>PROJECT: CONSTRUCT STORMWATER BMPS INC. TO PREVENT OR MITIGATE THE IMPACTS OF DISCHARGES CONTAINING IMPERVIOUS SURFACE RUNOFF</td>
<td>TROY BROGDEN</td>
<td>2</td>
<td>NPDES # MD0021555</td>
<td>Design 07/01/2017</td>
<td>6,460,067</td>
<td>Loan $ 3,965,811</td>
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<tr>
<td>51 40</td>
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<td>PROJECT: CONSTRUCT STORMWATER BMPS INC. STEP POOL CONVEYANCE SYSTEM; SANITARY SEWER RELOCATION; REHAB STORM DRAIN</td>
<td>TROY BROGDEN</td>
<td>2</td>
<td>NPDES # MD0021555</td>
<td>Design 07/01/2016</td>
<td>2,018,380</td>
<td>Loan $ 1,530,000</td>
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<tr>
<td>51 40</td>
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<td>PROJECT: CONSTRUCT STORMWATER BMPS INC. STEP POOL CONVEYANCE SYSTEM; SANITARY SEWER RELOCATION; REHAB STORM DRAIN</td>
<td>TROY BROGDEN</td>
<td>4</td>
<td>NPDES # MD0021555</td>
<td>Design 07/01/2017</td>
<td>6,460,067</td>
<td>Loan $ 3,965,811</td>
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<tr>
<td>51 40</td>
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<td>PROJECT: CONSTRUCT STORMWATER BMPS INC. STEP POOL CONVEYANCE SYSTEM; SANITARY SEWER RELOCATION; REHAB STORM DRAIN</td>
<td>TROY BROGDEN</td>
<td>4</td>
<td>NPDES # MD0021555</td>
<td>Design 07/01/2016</td>
<td>2,018,380</td>
<td>Loan $ 1,530,000</td>
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**NEEDS CATEGORY DEFINITIONS:**

I. Secondary Treatment
   - IVA. New Collector Sewer
   - IVB. New Interceptor Sewer
   - IVA. SW Conveyance Infrastructure
   - IIB. Major Sewer Rehab
   - IVA. SW Treatment Systems
   - IVA. SW Treatment Infrastructure
   - IIB. Major Sewer Rehab
   - IVA. SW Conveyance Infrastructure

II. Advanced Treatment
   - IVB. New Interceptor Sewer
   - VA. CSO Correction - Traditional
   - VI. SW Treatment Systems
   - V. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure

III. I/I Correction
   - VA. CSO Correction - Traditional
   - VIC. Green Infrastructure
   - VIC. Green Infrastructure
   - VIC. Green Infrastructure
   - VIC. Green Infrastructure
   - VIC. Green Infrastructure

IV. Energy Conservation
   - V. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure

V. Water Conservation
   - VI. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure
   - VI. SW Treatment Infrastructure

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<th>Green Cost</th>
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<th>Cost By Needs Category</th>
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<tr>
<td>56 35 GREEN (G)</td>
<td>TRENTON STREET SEWAGE PUMPING STATION REHABILITATION</td>
<td><strong>PROBLEM:</strong> AGED PUMP STATION; LAST UPGRADE IN 1978; PROBLEMS INC. PUMP FAILURES, LEAKING SUCTION PIPES, STRUCTURAL CRACKING, ETC.</td>
<td>GEORGE W. HYDE, PE COMMISSIONERS OF CAMBRIDGE</td>
<td>37B 1</td>
<td>NPDES # MD0021636</td>
<td>W/S: Y</td>
<td>Design 02-13-04-03</td>
<td>1,995,000</td>
<td><strong>Green $</strong> 350,000</td>
<td><strong>Loan $</strong> 1,945,000</td>
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<td>57 35 GREEN (G)</td>
<td>ER-4126 COMMUNITIES &amp; SCHOOLS ENVIRONMENTAL RESTOR PROJ 10</td>
<td><strong>PROBLEM:</strong> POLLUTED STORMWATER ENTERING BALTIMORE HARBOR, ULTIMATELY CHESAPEAKE BAY; MS4 PERMIT</td>
<td>TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE</td>
<td>REG 2,3</td>
<td>NPDES # MD0021555</td>
<td>W/S: E</td>
<td>Design 02-13-09-05</td>
<td>7,910,362</td>
<td><strong>Green $</strong> 4,806,010</td>
<td><strong>Loan $</strong> 4,806,010</td>
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<tr>
<td>58 30</td>
<td>TOWN OF LUKE MULLEN AVENUE AREA SEWER COLLECTION SYSTEM &amp; CONVEYANCE REHAB</td>
<td><strong>PROBLEM:</strong> TOWN'S SYSTEM PARTIALLY COMBINED WITH VERSO MILL, WHICH IS CLOSING, EXPERIENCES I&amp;I AND NOT IN COMPLIANCE W/DESIGN STANDARDS</td>
<td>EDWARD CLEMENS, IR TOWN OF LUKE</td>
<td>1A 6</td>
<td>NPDES # MD0021687</td>
<td>W/S: Y</td>
<td>Design 02-14-10-05</td>
<td>3,136,500</td>
<td><strong>Loan $</strong> 3,136,500</td>
<td><strong>O = 3,136,500</strong></td>
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<tr>
<td>59 30</td>
<td>CECO PHASE 2 - LAGOON DECOMMISSIONING</td>
<td><strong>PROBLEM:</strong> FLOW BEING REDIRECTED TO CHERRY HILL WWTP; LAGOONS NO LONGER NEEDED</td>
<td>PHILIP MUZIK CECIL COUNTY GOVERNMENT</td>
<td>34A 1</td>
<td>NPDES # MD0052825</td>
<td>W/S: Y</td>
<td>Design 02-13-06-05</td>
<td>2,500,000</td>
<td><strong>Loan $</strong> 2,500,000</td>
<td><strong>O = 2,500,000</strong></td>
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<tr>
<td>60 30</td>
<td>SWALLOW FALLS STATE PARK COLLECTION SYSTEM REHABILITATION</td>
<td><strong>PROBLEM:</strong> EXCESSIVE I&amp;I IN COLLECTION SYSTEM; PREVENT EXCESSIVE INFLOW TO WWTP; SEE ALSO CW0052/22</td>
<td>ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE</td>
<td>1A 6</td>
<td>NPDES # MD0052850</td>
<td>W/S: Y</td>
<td>Design 05-02-02-01</td>
<td>442,957</td>
<td><strong>Loan $</strong> 424,081</td>
<td><strong>O = 442,957</strong></td>
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**NEEDS CATEGORY DEFINITIONS:**

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   - IVA. New Collector Sewer
   - VIA. SW Conveyance Infrastructure
   - VI. SW Treatment Systems
   - VIJ. NPS: Sanitary Landfills
   - VIII. NPS: Hydromodification
   - VIIIJ. SW Conveyance Infrastructure
   - VIIK. SW Treatment Systems
   - VIIL. Decentralized
   - VIIJ. NPS: Sanitary Landfills
   - VI. Water Conservation
   - O. Other

II. Advanced Treatment
   - IVB. New Interceptor Sewer
   - VIB. SW Conveyance Infrastructure
   - VIIB. NPS: Sanitary Landfills
   - VIIB. NPS: Hydromodification
   - VIIB. SW Conveyance Infrastructure
   - VIIB. SW Treatment Systems
   - VIIB. Decentralized
   - VIIB. NPS: Sanitary Landfills
   - VI. Water Conservation
   - O. Other

IIIA. I/I Correction
   - VA. CSO Correction - Traditional
   - VICA. Green Infrastructure
   - VIIA. NPS: Sanitary Landfills
   - VIIA. NPS: Hydromodification
   - VIIA. SW Conveyance Infrastructure
   - VIIA. SW Treatment Systems
   - VIIA. Decentralized
   - VIIA. NPS: Sanitary Landfills
   - VI. Water Conservation
   - O. Other

IIIB. Major Sewer Rehab
   - VB. CSO Correction - Green
   - VIB. Green Infrastructure
   - VIIB. NPS: Sanitary Landfills
   - VIIB. NPS: Hydromodification
   - VIIB. SW Conveyance Infrastructure
   - VIIB. SW Treatment Systems
   - VIIB. Decentralized
   - VIIB. NPS: Sanitary Landfills
   - VI. Water Conservation
   - O. Other

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<th>River Basin NPDES #</th>
<th>Project Details</th>
<th>Milestone Dates</th>
<th>Total Cost</th>
<th>Green Cost</th>
<th>MDE Requested Funding</th>
<th>Cost By Needs Category</th>
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<tr>
<td>61 30</td>
<td>TALBOT COUNTY REGION V PUMP STATION IMPROVEMENTS</td>
<td>PROBLEM: AGING, ANTIQUATED SYSTEM; PUMPS HAVE CORRODED; MANHOLES NEED RESTORATION; PUMP FAILURE W/POSSIBLE SANITARY SEWER OVERFLOWS</td>
<td>RAY CLARKE, PE</td>
<td>37B</td>
<td>NPDES # MD0059463</td>
<td>Design</td>
<td>10/01/2020</td>
<td>1,000,000</td>
<td>1,000,000</td>
<td>Loan 5</td>
<td>1,000,000</td>
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<tr>
<td>62 30</td>
<td>TALBOT COUNTY REGION V SEWER COLLECTION SYSTEM IMPROVEMENTS</td>
<td>PROBLEM: LOW-LYING AREAS SUSCEPTIBLE TO HIGH TIDES &amp; SEA LEVEL RISE; REGION V SEWER SYSTEM NEEDS UPDATING</td>
<td>RAY CLARKE, PE</td>
<td>37B</td>
<td>NPDES # MD0059463</td>
<td>Design</td>
<td>10/01/2020</td>
<td>4,000,000</td>
<td>4,000,000</td>
<td>Loan 5</td>
<td>4,000,000</td>
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<tr>
<td>63 30</td>
<td>OAKLAND WASTEWATER COLLECTION SYSTEM REHAB/I/I CORRECTION</td>
<td>PROBLEM: OLD TERRA COTTA AND OTHER FAILING COLLECTOR LINES CAUSING EXCESSIVE I/I IN SYSTEM/TREATED UNNECESSARILY AT WWTP</td>
<td>GWEN EVANS</td>
<td>1A</td>
<td>NPDES # MD0020648</td>
<td>Design</td>
<td>09/01/2020</td>
<td>3,700,000</td>
<td>3,700,000</td>
<td>Loan 5</td>
<td>3,700,000</td>
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<td>64 30</td>
<td>WINDMILL FORCE MAIN PROJECT</td>
<td>PROBLEM: EXISTING FORCE MAIN IS TUBERCLED CAUSING EXCESSIVE HEADLOSS &amp; EXCESSIVE ENERGY CONSUMPTION</td>
<td>P. MOFFETT</td>
<td>37B</td>
<td>NPDES # MD0020273</td>
<td>Design</td>
<td>02/01/2019</td>
<td>2,267,000</td>
<td>2,137,000</td>
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<td>2,137,000</td>
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<tr>
<td>65 30</td>
<td>WINDMILL PUMP STATION RELOCATION</td>
<td>PROBLEM: CURRENT PUMP STATION IS LOCATED IN FEMA FLOODPLAIN &amp; FLOODWAY; SUBJECT TO OVERTOPPING DURING EXTREME WET WEATHER EVENTS</td>
<td>P. MOFFETT</td>
<td>37B</td>
<td>NPDES # MD0020273</td>
<td>Design</td>
<td>02/01/2019</td>
<td>2,806,000</td>
<td>2,511,900</td>
<td>Loan 5</td>
<td>2,511,900</td>
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**NEEDS CATEGORY DEFINITIONS:**
- **I. Secondary Treatment**
  - IVA. New Collector Sewer
  - IVB. NewInterceptor Sewer
  - IVC. Green Infrastructure
- **II. Advanced Treatment**
  - IVIA. SW Conveyance Infrastructure
  - IVIB. SW Treatment Systems
  - IVIC. Green Infrastructure
- **IIIA. I/I Correction**
  - VA. CSO Correction - Traditional
  - VIB. SW Treatment Systems
  - VIC. Green Infrastructure
- **IIIB. Major Sewer Rehab**
  - VB. CSO Correction - Green
  - VIB. SW Treatment Systems
  - VID. General SW Management
- **III. Decentralized**
  - VIIA. NPS: Sanitary Landfills
  - VIIIB. NPS: Hydromodification
  - VIIIC. Green Infrastructure
- **IV. Energy Conservation**
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<tr>
<td>66 30</td>
<td>TALBOT COUNTY REGION II PUMP STATION IMPROVEMENTS</td>
<td>PROBLEM: AGING, ANTIQUATED SYSTEM; PUMPS HAVE CORRODED; MANHOLES NEED RESTORATION; PUMP FAILURE W/POSSIBLE SANITARY SEWER OVERFLOWS</td>
<td>RAY CLARKE, PE</td>
<td>37B</td>
<td>NPDES # MD0023604</td>
<td>Design 10/01/2020 Construction 12/31/2022</td>
<td>1,000,000</td>
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<td>Loan S 2,000,000 LOAN INTEREST</td>
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<td>67 30</td>
<td>TALBOT COUNTY REGION II SEWER COLLECTION SYSTEM IMPROVEMENTS</td>
<td>PROBLEM: EXTRANEOUS FLOWS DUE TO STORM EVENTS; INFLOW ENTERING SEWER COLLECTION SYSTEM RELATED TO WET WEATHER EVENTS OR HIGH TIDES</td>
<td>RAY CLARKE, PE</td>
<td>37B</td>
<td>NPDES # MD0023604</td>
<td>Design 10/01/2020 Construction 01/01/2022</td>
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<td>2,000,000</td>
<td>Loan S 2,000,000 LOAN INTEREST</td>
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<tr>
<td>68 30</td>
<td>TALBOT BIO-SOLIDS FACILITY IMPROVEMENTS</td>
<td>PROBLEM: FACILITY NEEDS CAN'T ACCEPT WASTE GENERATED FROM NEW AQUACULTURE BUSINESS WITHOUT MAKING IMPROVEMENTS</td>
<td>RAY CLARKE, PE</td>
<td>37B</td>
<td>NPDES # MD0023604</td>
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<td>1,500,000</td>
<td>1,500,000</td>
<td>Loan S 1,500,000 LOAN INTEREST</td>
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<td>69 30</td>
<td>ROBERTS MILL ROAD STORM SEWER REPLACEMENT</td>
<td>PROBLEM: AGED STORM SEWER; SEVERELY DETERIORATING</td>
<td>JAMES WIEPRECT</td>
<td>5</td>
<td>NPDES # MD0020672</td>
<td>W/S: E PFA: E</td>
<td>Design 02-14-03-03</td>
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<td>70 30</td>
<td>CHESAPEAKE BEACH WWTP DENITRIFICATION FILTER BUILDING</td>
<td>PROBLEM: TREATMENT SYSTEM OPERATING AT ENR LEVELS AS A RESULT OF BACKWASHING AND SLUDGE BUILDUP OF THE DENITRIFICATION FILTERS</td>
<td>HOLLY WAHL</td>
<td>27B</td>
<td>NPDES # MD0020281</td>
<td>Design 02-13-10-05</td>
<td>941,000</td>
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<td>Loan S 941,000 LOAN INTEREST</td>
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IIIB. Major Sewer Rehab
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IVB. New Interceptor Sewer
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VB. CSO Correction - Green
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VIB. SW Treatment Systems
VIA. Green Infrastructure
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VIIJ. NPS: Sanitary Landfills
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<tr>
<td>71</td>
<td>EDGEMONT RESERVOIR EMERGENCY REPAIR CW0002</td>
<td>PROBLEM: DAM CANNOT PASS 100% OF DESIGN STORM; CONSIDERED IN &quot;UNACCEPTABLE&quot; CONDITIONS; POTENTIAL FAILURE THREATENS DOWNSTREAM WQ PROJECT: CONSTRUCT REPAIRS TO TOE-DRAIN, EMERGENCY SPILLWAY, INTAKE PIPING, AND DRAIN PIPING</td>
<td>WILLIAM LUHN CITY OF HAGERSTOWN</td>
<td>2C 6</td>
<td>02-14-05-02 W/S: E PFA: E Compliance PUBLIC LARGE DISADV:</td>
<td>Design 05/01/2017</td>
<td>20,500,000</td>
<td>17,250,000</td>
<td>20,500,000</td>
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<td>72</td>
<td>RUBBLE RECLAMATION LANDFILL CAPPING CW0004</td>
<td>PROBLEM: 5.5 ACRE CELL OF LANDFILL IS CLOSED; MUST MEET COMAR REG TO START CAPPING W/IN 2 YRS AND COMPLETE CAP W/IN 3 YRS PROJECT: CONSTRUCT SYNTHETIC CAP, INC. SOIL LAYERS, GEOTEXTILE GAS TRANSMISSION LAYER, GEOMEMBRANE, DRAINAGE LAYER</td>
<td>DAVID A. MASON WASHINGTON COUNTY</td>
<td>1C 6</td>
<td>02-14-05-04 W/S: E PFA: E Compliance PUBLIC LARGE DISADV:</td>
<td>Design 11/01/2020</td>
<td>2,092,000</td>
<td>1,730,000</td>
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<td>73</td>
<td>MT LAKE PARK STORMDRAIN PROJECT AT HERITAGE DRIVE CW0003</td>
<td>PROBLEM: FLOODING BECAUSE EXISTING STORM DRAINS NOT SIZED ADEQUATELY OR LOCATED PROPERLY PROJECT: CONSTRUCT REHAB/INSTALL 1,700 LF 12-36&quot; HDPE STORM DRAIN TO NEW DISCHARGE PT; BMPS INC, BIORETENTION AREAS, GRASS SWALES, ETC</td>
<td>MAYOR DONALD W. SINCELL TOWN OF MOUNTAIN LAKE PARK</td>
<td>1A 6</td>
<td>05-02-02-02 W/S: E PFA: E Compliance PUBLIC DISADV:</td>
<td>Design 09/01/2007</td>
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<td>74</td>
<td>PURRELL STREET SEWER IMPROVEMENTS CW0041</td>
<td>PROBLEM: EXCESSIVE I&amp;I; AGED PIPING CAUSING SEWER LEAKS &amp; BLOCKAGES PROJECT: P/D/C REPLACEMENT OF 2416 LF 6 &amp; 8&quot; GRAVITY SEWER MAIN, LATERAL CONN; RESTORE STREET, STORM DRAINS ETC. ASSOCIATED W/REPLACE</td>
<td>GARY WEBER TOWN OF SNOW HILL</td>
<td>28B 1</td>
<td>02-13-02-02 W/S: Y PFA: Y NPDES # MD0022764 Compliance PUBLIC SMALL DISADV:</td>
<td>Design 06/01/2020</td>
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<td>75</td>
<td>BROAD STREET AND WILLIAM STREET PUMP STATION UPGRADES CW0075</td>
<td>PROBLEM: AGING, ANTIQUATED SYSTEM; NEED MODERNIZATION TO ENHANCE RELIABILITY &amp; MONITORING CAPABILITIES AT BROAD &amp; WM ST FACILITIES PROJECT: P/D/C REPLACE BROAD ST PUMP STATION; REHAB WILLAM ST PUMP STATION; UPGRADE PUMPS, MOTORS AND CRITICAL COMPONENTS</td>
<td>JEFF FLEETWOOD TOWN OF BERLIN</td>
<td>38C 1</td>
<td>02-13-01-05 W/S: Y PFA: Y NPDES # MD0022632 Compliance PUBLIC SMALL DISADV:</td>
<td>Design 05/01/2020</td>
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**Needs Category Definitions:**

- I. Secondary Treatment
- II. Advanced Treatment
- IIIA. I/I Correction
- IIIB. Major Sewer Rehab
- IVA. New Collector Sewer
- IVB. New Interceptor Sewer
- V. SW Conveyance Infrastructure
- VI. SW Treatment Systems
- VII. Green Infrastructure
- VIIA. General SW Management
- VIIJ. NPS: Sanitary Landfills
- VIIK. NPS: Hydromodification
- VIII. Decentralized
- IX. Energy Conservation
- X. Water Conservation

**PFA (Priority Funding Area) Codes:**

- PFA: 1 = Categorical Exclusion
- PFA: 2 = Categorical Exception (No Expansion)
- PFA: 3 = Concurrency Review Required
- PFA: 4 = Exception Under Review
- PFA: 5 = Exception Granted

**Leg/Cong:**

- District D: District D
- District C: District C
- District B: District B
- District A: District A

**System Size:**

- Large
- Medium
- Small

**Design:**

- Complete Design
- Incomplete Design

**Construction:**

- Complete Construction
- Incomplete Construction
<table>
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<tr>
<th>Rank/Point</th>
<th>Project Title/ Number/ Population</th>
<th>Project Description</th>
<th>Applicant Name/ County</th>
<th>Leg/Cong District</th>
<th>River Basin NPDES #</th>
<th>Project Details</th>
<th>Total Cost</th>
<th>MDE Requested Funding</th>
<th>Cost By Needs Category</th>
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<tbody>
<tr>
<td>76 20</td>
<td>SHARPTOWN SEWER COLLECTION SYSTEM I&amp;I REMEDIATION</td>
<td>PROBLEM: SEWERS IN POOR CONDITION; EXTENSIVE I&amp;I</td>
<td>P. DOUGLAS GOSNELL</td>
<td>37B 1/1</td>
<td>NPDES # MD0052175</td>
<td>Design 02-13-03-05</td>
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<td>1,311,040</td>
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<td>CW0044 Ben.Pop= 835</td>
<td>PROJECT: PERFORM I&amp;I STUDY OF 10,000 LF OF MAIN; D/C REHABS WHERE NEEDED USING TRENCHLESS METHODS; ~4,500 LF PIPE REHAB; MANHOLE REHAB</td>
<td>TOWN OF SHARPTOWN</td>
<td>System Size = Small Wicomico County</td>
<td>02-13-03-05</td>
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<td>SHARPTOWN WWTP OUTFALL REPLACEMENT</td>
<td>PROBLEM: WWTP OUTFALL LEAKING NEAR BULKHEAD OF RIVER CAUSING EROSION AND DISCHARGE AT A POINT BELOW GRADE ~10FT FROM THE RIVER</td>
<td>P. DOUGLAS GOSNELL</td>
<td>37B 1/1</td>
<td>NPDES # MD0052175</td>
<td>Design 02-13-03-05</td>
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<td>CW0043 Ben.Pop= 835</td>
<td>PROJECT: P/D/C NEW OUTFALL WHICH INCLUDES NEW DISCHARGE PIPING, BULKHEAD REPAIR &amp; AREA RESTORATION</td>
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<td>W/S: Y PFA: Y PUBLIC SMALL DISADV.</td>
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<td>78 20</td>
<td>CRISFIELD LANE SEWER REPLACEMENT PROJECT</td>
<td>PROBLEM: I&amp;I, GREASE BUILDUP AND SLOPE ISSUES REDUCING EFFECTIVENESS OF GRAVITY COLLECTION SYSTEM</td>
<td>ANTHONY STOCKUS</td>
<td>38A 1/1</td>
<td>NPDES # MD0020656</td>
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<td>877,645</td>
<td>832,800</td>
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<td>CW0059 Ben.Pop= 1,175</td>
<td>PROJECT: P/D/C REPLACE 2270 LF OF 10-12&quot; SEWER PIPE AND 80 VERTICAL FEET OF MANHOLES</td>
<td>SOMERSET COUNTY SANITARY DISTRICT</td>
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<td>02-13-02-08</td>
<td>W/S: Y PFA: Y PUBLIC SMALL DISADV.</td>
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<td>Construction 04/01/2021</td>
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<td>79 20</td>
<td>OAKLAND SEWER INTERCEPTOR/COLLECTOR LINE RIVER CROSSING</td>
<td>PROBLEM: MAJOR SEWER COLLECTOR LINE/INTERCEPTOR CROSSES RIVER SUPPORTED ON DETERIORATING PIERS SUBJECT TO FLOODING</td>
<td>GWEN EVANS</td>
<td>1A 6/6</td>
<td>NPDES # MD0020648</td>
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<td>CW0013 Ben.Pop= 2,200</td>
<td>PROJECT: P/D/C REDESIGN PORTION OF COLLECTION SYSTEM; RELOCATE GOLF OF 24&quot; SEWER LINE UNDERGROUND; REPL PIERS IF MOVING NOT POSSIBLE</td>
<td>MAYOR AND TOWN COUNCIL OF OAKLAND</td>
<td>System Size = Small Somerset County</td>
<td>05-02-02-01</td>
<td>W/S: Y PFA: Y PUBLIC SMALL DISADV.</td>
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<td>OAKLAND WASTEWATER PLANT SLUDGE REMOVAL</td>
<td>PROBLEM: LARGE QUANTITY OF SLUDGE HAS ACCUMULATED IN THE WASTEWATER LAGOONS WHICH DEGRADES WWTP PERFORMANCE</td>
<td>GWEN EVANS</td>
<td>1A 6/6</td>
<td>NPDES # MD0020648</td>
<td>Design 05-02-02-01</td>
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<td>CW0012 Ben.Pop= 2,200</td>
<td>PROJECT: P/D/C REMOVAL OF EXCESS SLUDGE</td>
<td>MAYOR AND TOWN COUNCIL OF OAKLAND</td>
<td>System Size = Small Garrett County</td>
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<td>W/S: Y PFA: Y PUBLIC SMALL DISADV.</td>
<td>Design 09/01/2020</td>
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**NEEDS CATEGORY DEFINITIONS:**

I. Secondary Treatment  
II. Advanced Treatment  
IIIA. I/I Correction  
IIIB. Major Sewer Rehab  
IVA. New Collector Sewer  
IVB. New Interceptor Sewer  
VA. CSO Correction - Traditional  
VB. CSO Correction - Green  
VI. SW Conveyance Infrastructure  
VIB. SW Treatment Systems  
VIC. Green Infrastructure  
VID. General SW Management  
VII. NPS: Sanitary Landfills  
VIIK. NPS: Hydromodification  
VIIJ. NPS: Sanitary Landfills  
VIIK. NPS: Hydromodification  
VII. CSO Correction - Traditional  
VIII. CSO Correction - Green  
IX. Green Infrastructure  
X. General SW Management  
XI. Decentralized  
XII. Water Conservation  
XIIA. Other  
XIIIB. Energy Conservation  

**PFA (Priority Funding Area) Codes:**

PFA: 1 = Categorical Exclusion  
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PFA: 3 = Concurrency Review Required  
PFA: 4 = Exception Under Review  
PFA: 5 = Exception Granted  
O. Other  
E. Energy Conservation
<table>
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<tr>
<th>Rank/Points</th>
<th>Project Title/Number/Population</th>
<th>Project Description</th>
<th>Applicant Name/County</th>
<th>Leg/Cong/Dis</th>
<th>River Basin NPDES #</th>
<th>Project Details</th>
<th>Milestone Dates</th>
<th>Total Cost</th>
<th>MDE Requested Funding</th>
<th>Cost By Needs Category</th>
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<tr>
<td>81</td>
<td>JACKSON STREET PUMPING STATION REHABILITATION</td>
<td>PROBLEM: MINIMAL UPGRADES SINCE 1988; NEEDS MODERNIZATION TO INCREASE RELIABILITY &amp; MONITORING CAPABILITIES</td>
<td>JOHN AVERY</td>
<td>37A</td>
<td>CW0062</td>
<td>02-13-03-06</td>
<td>Design</td>
<td>W/S: Y PFA: Y</td>
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<td>83</td>
<td>WASHINGTON COUNTY CAPACITY MANAGEMENT</td>
<td>PROBLEM: HAGERSTOWN WWTP (ENR) AT 90% DESIGN CAPACITY (PFA STATUS CANNOT BE DETERMINED)</td>
<td>MARK BRADSHAW</td>
<td>2A</td>
<td>CW0006</td>
<td>02-14-05-04</td>
<td>Design</td>
<td>W/S: N PFA: ?</td>
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<td>84</td>
<td>FRUITLAND SANITARY SEWER I/I IMPROVEMENTS</td>
<td>PROBLEM: I/I ENTERING COLLECTION SYSTEM ON EAST SIDE OF ROUTE 13/TAKING UP CAPACITY AT WWTP</td>
<td>JOHN PSOTA</td>
<td>38A</td>
<td>CW0009</td>
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<td>85</td>
<td>THURMONT SEWER SYSTEM I/I REDUCTION - PHASE IV</td>
<td>PROBLEM: EXCESSIVE I/I IN SYSTEM CAUSING INCREASED FLOWS TO WWTP; STRAIN ON WWTP EQUIPMENT AND EXCESS TREATMENT COSTS</td>
<td>JAMES HUMERICK</td>
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<td>CW0053</td>
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**NEEDS CATEGORY DEFINITIONS:**

I. Secondary Treatment  
II. Advanced Treatment  
IIIA. I/I Correction  
IIIB. Major Sewer Rehab  
IVA. New Collector Sewer  
IVB. New Interceptor Sewer  
V. SW Conveyance Infrastructure  
VII. NPS: Sanitary Landfills  
W. Water Conservation  
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- PFA: 3 = Concurrency Review Required  
- PFA: 4 = Exception Under Review  
- PFA: 5 = Exception Granted  

O. Other  
E. Energy Conservation  
VIA. SW Treatment Systems  
VIIK. NPS: Hydromodification  
EII. Decentralized  
VID. General SW Management  
EIII. Energy Conservation  

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<tr>
<th>Rank/Points</th>
<th>Project Title/Number/Population</th>
<th>Project Description</th>
<th>Applicant Name/County</th>
<th>Leg/Cong District</th>
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<th>Project Details</th>
<th>Total Cost</th>
<th>MDE Requested Funding</th>
<th>Cost By Needs Category</th>
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<tr>
<td>86</td>
<td>EVITTS CREEK CSO UPGRADES PH IV INTERCEPTOR SEWER TO ECPS</td>
<td>PROBLEM: COMBINED SEWER OVERFLOWS; CONSENT ORDER #01-C-00-18342L</td>
<td>ROBERT SMITH</td>
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<td>02-14-10-01</td>
<td>W/S: Y</td>
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<td>VA = 150,000</td>
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<td>PROJECT: STUDY OF APPROXIMATELY 6,300 LF OF 24&quot; SEWER MAIN TO DETERMINE REHAB OR REPLACEMENT TO ADDRESS I&amp;I ISSUES</td>
<td>Ben.Pop= 9,130</td>
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<td>Loan INTEREST</td>
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<td>87</td>
<td>ROBERTS MILL ROAD SANITARY SEWER</td>
<td>PROBLEM: SEVERELY DETERIORATED AGED TERRACOTTA SANITARY SEWER MAIN; SIGNIFICANT SOURCE OF INFILTRATION</td>
<td>JAMES WIEPRECH</td>
<td>5</td>
<td>02-14-03-03</td>
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<td>IIIB = 511,000</td>
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<td>CITY OF TANEYTOWN</td>
<td>Carroll County</td>
<td>MD0020602</td>
<td>09/01/2020/09/30/2021</td>
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<td>PROJECT: P/D/C REPLACEMENT OF 1,215 LF OF 8&quot; TERRACOTTA SANITARY SEWER W/8&quot; PVC; REPL 6 MANHOLES &amp; 21 LATERALS W/6&quot; PVC</td>
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<td>511,000</td>
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<td>88</td>
<td>SC-926 ELECTRICAL DISTRIBUTION SYSTEM RELIABILITY IMPROVEMENTS AT PATAPSCO WWTP</td>
<td>PROBLEM: ESSENTIAL TO ENSURE RELIABILITY AND OPERATIONAL CONTINUITY TO THE PATAPSCO WWTP</td>
<td>TROY BROGDEN</td>
<td>46</td>
<td>02-13-09-03</td>
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<td>PROJECT: CONSTRUCT SEPARATION BETW 33KV FEEDERS; NEW DUCT BANK SYS W/MONITORING; MOVE EQUIP TO PROTECT FM FLOODING; 8GE POWER FEEDERS</td>
<td>Ben.Pop= 945,000</td>
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<td>Loan INTEREST</td>
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<td>89</td>
<td>SC-926 ELECTRICAL DISTRIBUTION SYSTEM RELIABILITY IMPROVEMENTS AT PATAPSCO WWTP</td>
<td>PROBLEM: ESSENTIAL TO ENSURE RELIABILITY AND OPERATIONAL CONTINUITY TO THE PATAPSCO WWTP</td>
<td>ROBERT J. BURROS</td>
<td>46</td>
<td>02-13-09-03</td>
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<td>PROJECT: CONSTRUCT SEPARATION BETW 33KV FEEDERS; NEW DUCT BANK SYS W/MONITORING; MOVE EQUIP TO PROTECT FM FLOODING; 8GE POWER FEEDERS</td>
<td>Ben.Pop= 945,000</td>
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<td>Loan INTEREST</td>
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<td>90</td>
<td>HAGERSTOWN WASTEWATER COLLECTION REHABILITATION PHASE 1B</td>
<td>PROBLEM: EXCESSIVE INFLOW &amp; INFILTRATION IN COLLECTION SYSTEM</td>
<td>JOSEPH MOSS</td>
<td>2B</td>
<td>02-14-05-02</td>
<td>W/S: Y</td>
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<td>Construction</td>
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<td>1,900,000</td>
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**NEEDS CATEGORY DEFINITIONS:**

I. Secondary Treatment  
IVA. New Collector Sewer  
VIA. SW Conveyance Infrastructure  
VI. NPS: Sanitary Landfills  
W. Water Conservation

II. Advanced Treatment  
IVB. New Collector Sewer  
VIB. SW Treatment Systems  
VIK. NPS: Hydromodification  
O. Other

IIIA. I/I Correction  
VA. CSO Correction - Traditional  
VIC. Green Infrastructure  
VII. Decentralized  
E. Energy Conservation

IIIB. Major Sewer Rehab  
VB. CSO Correction - Green  
VID. General SW Management  

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<th>River Basin NPDES #</th>
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<td>91</td>
<td>LOCKWOOD ROAD PUMP STATION</td>
<td>PROBLEM: EXISTING PRIVATE PUMP STATION HAS NOT BEEN OPERATIONAL RESULTING IN SEWER OVERFLOWS; ADD'L USERS TO BE CONNECTED</td>
<td>DONNIE STOTELMYER</td>
<td>1A</td>
<td>NPDES # MD0063509</td>
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<td>03/01/2020</td>
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<td>130,000</td>
<td>IIIB = 155,000</td>
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<td></td>
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<td>PROJECT: DESIGN/CONSTRUCT REHAB OF THE WETWELL, CLEAN FORcemAIN, REPLACE PUMPS, ETC. TOWN TO TAKE OWNERSHIP</td>
<td>TOWN OF WILLIAMSPORT</td>
<td>6</td>
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<td>System Size = Small</td>
<td>Washington County</td>
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<td>92</td>
<td>CONSTRUCT BAINBRIDGE SEWER INTERCEPTOR</td>
<td>PROBLEM: SEWER SERVICE NEEDED FOR REDEVELOPMENT OF THE FORMER BAINBRIDGE MILITARY BASE</td>
<td>PHILIP MUZIK</td>
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<td>NPDES # MD0020796</td>
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<td>PROJECT: CONSTRUCT 11,350 LF OF 10&quot; SEWER MAIN TO CONNECT SITE TO PORT DEPOSIT WWTP; POTENTIAL FUTURE CONNECTION OF MOBILE HOME PARKS</td>
<td>CECIL COUNTY GOVERNMENT</td>
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<td>93</td>
<td>UNION BRIDGE I/I REDUCTION IN SEWERAGE COLLECTION SYSTEM</td>
<td>PROBLEM: EXCESS I/I LIMITING HYDRAULIC SEWER CAPACITY &amp; TREATMENT CAPACITY AT WWTP; CAPACITY REDUCED; INCREASED OPERATING COSTS</td>
<td>MIKE REYNOLDS</td>
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<td>PROJECT: FURTHER STUDY; P/D/C REPLACEMENT/LINING/SPOT REPAIRS/MANHOLE INSERTS OF COLLECTION SYSTEM WHICH CONSISTS OF 32,000 LF INC MH</td>
<td>THE TOWN OF UNION BRIDGE</td>
<td>6</td>
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<td></td>
<td></td>
<td>System Size = Small</td>
<td>Carroll County</td>
<td></td>
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<tr>
<td>94</td>
<td>HURLOCK WASTEWATER TREATMENT PLANT FILTER UPGRADE</td>
<td>PROBLEM: SAND FILTERS NOT OPERATING AT FULL CAPACITY (RATED FOR 1.65 MGD BUT TREATING ONLY 1 MGD)</td>
<td>JOHN AVERY</td>
<td>37A</td>
<td>NPDES # MD0022730</td>
<td>Design</td>
<td>05/01/2020</td>
<td>1,321,775</td>
<td>1,321,775</td>
<td>II = 1,321,775</td>
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<td>PROJECT: P/D/C EXPANSION OF THE SAND FILTERS TO DOUBLE CAPACITY</td>
<td>TOWN OF HURLOCK</td>
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<td>System Size = Small</td>
<td>Dorchester County</td>
<td></td>
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<td>95</td>
<td>FEDERALSBURG WWTP REPLACEMENT</td>
<td>PROBLEM: CURRENT 0.75 MGD ENR WWTP IS OLD W/ANTIQUATED &amp; OBSOLETE EQUIPMENT</td>
<td>KRISTY L. MARSHALL</td>
<td>37B</td>
<td>NPDES # MD0020249</td>
<td>Design</td>
<td>09/01/2020</td>
<td>16,164,520</td>
<td>16,164,520</td>
<td>II = 16,164,520</td>
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<td>PROJECT: P/D/C NEW 1.0 MGD WWTP WITH LATEST ENR TECHNOLOGY AND EFFICIENCY</td>
<td>MAYOR AND COUNCIL OF THE TOWN OF FEDERALSBURG</td>
<td>1</td>
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<td></td>
<td></td>
<td>System Size = Small</td>
<td>Caroline County</td>
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</tbody>
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NEEDS CATEGORY DEFINITIONS:

I. Secondary Treatment
II. Advanced Treatment
IIIA. I/I Correction
IIIB. Major Sewer Rehab
IVA. New Collector Sewer
IVB. New Interceptor Sewer
VA. CSO Correction - Traditional
VB. CSO Correction - Green
VIA. SW Conveyance Infrastructure
VIB. SW Treatment Systems
VIC. Green Infrastructure
VID. General SW Management
VII. NPS: Sanitary Landfills
VIIK. NPS: Hydromodification
VIIA. SW Conveyance Infrastructure
VIL. Decentralized
VIA. SW Conveyance Infrastructure
VIIA. SW Conveyance Infrastructure
VIIA. SW Conveyance Infrastructure
VIIA. SW Conveyance Infrastructure
VIIA. SW Conveyance Infrastructure
VIIA. SW Conveyance Infrastructure
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VIIA. SW Conveyance Infrastructure
VIIA. SW Conveyance Infrastructure
VIIA. SW Conveyance Infrastructure
VIIA. SW Conveyance Infrastructure
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<tr>
<th>Rank/ Points</th>
<th>Project Title/ Number/ Population</th>
<th>Project Description</th>
<th>Applicant Name/ County</th>
<th>Leg/Cong District</th>
<th>River Basin NPDES #</th>
<th>Project Details</th>
<th>Milestone Dates</th>
<th>Total Cost</th>
<th>MDE Requested Funding</th>
<th>Cost By Needs Category</th>
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<tr>
<td>96 10</td>
<td>HAGERSTOWN PUMP STATION NO. 33</td>
<td>PROBLEM: EXISTING PUMP STATION NO. 9 IS AT CAPACITY AND NOT LOCATED IN AN AREA WHERE IT CAN BE UPGRADED/EXPANDED</td>
<td>JOSEPH MOSS</td>
<td>2C</td>
<td>02-14-05-02</td>
<td>W/S: Y 07/01/2020 Design 07/01/2021 Construction 12/31/2021</td>
<td>1,575,000</td>
<td>1,500,000</td>
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<td>MB = 1,575,000</td>
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<tr>
<td></td>
<td>CW0081</td>
<td>PROJECT: D/C NEW REPLACEMENT PUMP STATION (NO. 33) APPROX 1000 FT FROM EXISTING, INC. NEW GRAVITY SEWER AND DISCHARGE FORCE MAIN</td>
<td>CITY OF HAGERSTOWN</td>
<td>6</td>
<td>MD0021776</td>
<td>PFA: 1 PUBLIC DISADV.</td>
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<td></td>
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<td>System Size = Large</td>
<td>Washington County</td>
<td></td>
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<tr>
<td>97 10</td>
<td>CUNNINGHAM FALLS STATE PARK COLLECTION/CONVEYANCE IMPROVEMENT</td>
<td>PROBLEM: EXCESSIVE I&amp;I IN THE SYSTEM/TO WWTP; STUDY UNDERWAY</td>
<td>ELLEN A. FRKETIC</td>
<td>4</td>
<td>02-14-03-03</td>
<td>W/S: Y 07/01/2020 Design 07/01/2021 Construction 12/01/2021 06/30/2023</td>
<td>5,000,000</td>
<td>5,000,000</td>
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<td>IIIB = 5,000,000</td>
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<tr>
<td></td>
<td>CW0048</td>
<td>PROJECT: P/D/C REHAB/REPAIRS WITHIN THE 17,325 LF SYSTEM OF 6 - 8&quot; PIPE AS IDENTIFIED BY THE STUDY</td>
<td>MARYLAND ENVIRONMENTAL SERVICE</td>
<td>8</td>
<td>MD0021121</td>
<td>PFA: 1 PUBLIC</td>
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<td>System Size = Small</td>
<td>Frederick County</td>
<td></td>
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<tr>
<td>98 10</td>
<td>GREENBRIER STATE PARK COLLECTION/CONVEYANCE IMPROVEMENT</td>
<td>PROBLEM: EXCESSIVE I&amp;I IN THE SYSTEM</td>
<td>ELLEN A. FRKETIC</td>
<td>4</td>
<td>02-14-05-02</td>
<td>W/S: Y 07/01/2020 Design 07/01/2021 Construction 12/01/2021 05/31/2023</td>
<td>2,260,000</td>
<td>2,260,000</td>
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<td>IIIB = 2,260,000</td>
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<td>CW0052</td>
<td>PROJECT: P/D/C REHAB THE SEWER COLLECTION SYSTEM (5295 LF 6&quot; AND 6849 LF OF 8&quot; GRAVITY SEWERS &amp; 50 MANHOLES) AS DETERMINED BY STUDY</td>
<td>MARYLAND ENVIRONMENTAL SERVICE</td>
<td>8</td>
<td>MD0023868</td>
<td>PFA: 1 PUBLIC</td>
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<td></td>
<td>System Size = Small</td>
<td>Washington County</td>
<td></td>
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<tr>
<td>99 0</td>
<td>TALBOT COUNTY BIOSOLIDS FACILITY REFINANCING</td>
<td>PROBLEM: COUNTY HAS OUTSTANDING BALANCE ON USDA LOAN FOR BIOSOLIDS FACILITY THAT HAS BEEN CONSTRUCTED</td>
<td>RAY CLARKE, PE</td>
<td>1</td>
<td></td>
<td>W/S: ? PFA: ? Compliance Construction / / Public SMALL / /</td>
<td>7,000,000</td>
<td>7,000,000</td>
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<td>O = 7,000,000</td>
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<td>CW0098</td>
<td>PROJECT: REFINANCE OUTSTANDING DEBT</td>
<td>TALBOT COUNTY GOVERNMENT</td>
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<td></td>
<td>System Size = Small</td>
<td>Talbot County</td>
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</tbody>
</table>

Totals ... $1,055,040,472 $ 838,307,762

NEEDS CATEGORY DEFINITIONS:

I. Secondary Treatment
II. Advanced Treatment
IIIA. I/I Correction
IIIB. Major Sewer Rehab
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IVB. New Interceptor Sewer
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VB. CSO Correction - Green
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VIB. SW Treatment Systems
VIC. Green Infrastructure
VID. General SW Management
VI. NPS: Sanitary Landfills
VIK. NPS: Hydromodification
VIJ. NPS: Sanitary Landfills
VIK. NPS: Hydromodification
VII. Decentralized
VIIA. SW Conveyance Infrastructure
VIIB. SW Treatment Systems
VIIIC. Green Infrastructure
VID. General SW Management
VIIID. NPS: Sanitary Landfills
VIIIE. NPS: Hydromodification
VIIIF. General SW Management
VIJ. CSO Correction - Traditional
VIKA. CSO Correction - Green
VIIB. NPS: Sanitary Landfills
VIIC. NPS: Hydromodification
VIJD. CSO Correction - Traditional
VIKE. CSO Correction - Green
VIIF. NPS: Sanitary Landfills
VIIIG. NPS: Hydromodification
VIIH. General SW Management

PFA (Priority Funding Area) Codes:
PFA: 1 = Categorical Exclusion
PFA: 2 = Categorical Exception (No Expansion)
PFA: 3 = Concurrency Review Required
PFA: 4 = Exception Under Review
PFA: 5 = Exception Granted