

Maryland FINAL Project Priority List for Federal FY2022 & State FY2024

Tuesday, September 06, 2022

Clean Water Funds (State Revolving Loan/ State Grant)

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| Rank/ Points | Project Title/ Number/ Population | Project Description | Applicant Name/ County | Leg/Cong District | River Basin NPDES # | Project Details | Milestone Dates | Total Cost <i>Green Cost</i> | MDE Requested Funding | Cost By Needs Category |
|-----------------|--|---|---|----------------------|--|--|--|---------------------------------|---|-------------------------------------|
| 1 115 | HIGHLANDS SEWER SYSTEM CW0087 Ben.Pop= 585 | PROBLEM: MOST OF 234 OSDS IN HIGHLANDS AREA NON-CONFORMING PER CHD AND NEED TO BE CONNECTED TO SEWER TO PROTECT AQUIFERS AND THE BAY PROJECT: CONNECTION OF 234 PROPERTIES IN HIGHLANDS AREA TO CHESAPEAKE BEACH SEWER SYSTEM | ANDY HIPSKI CALVERT COUNTY <i>System Size = Small</i> Calvert County | 27C 5 | 02-13-10-15 <i>NPDES #</i> MD0020281 | W/S: N PFA: 3 PUBLIC SMALL | <i>Design</i> 03/01/2022 <i>Construction</i> 05/01/2023 05/31/2024 | 9,472,225 | 8,288,196 <u>Loan \$</u> 1,184,029 LOAN INTEREST | IVA = 9,472,225 |
| 2 115 | TOWN OF HEBRON WASTEWATER TREATMENT PLANT REPLACEMENT CW0061 Ben.Pop= 1,150 | PROBLEM: WWTP HAS EXCEEDED USEFUL LIFE PROJECT: P/D/C UPGRADE TO NEW ENR WWTP | ROBERT D. RAUCH P.E. TOWN OF HEBRON <i>System Size = Small</i> Wicomico County | 37A 1 | 02-13-03-05 <i>NPDES #</i> MD0059617 | W/S: Y PFA: 2 PUBLIC SMALL DISADV. | <i>Design</i> 12/01/2022 <i>Construction</i> 09/01/2023 09/30/2024 | 4,580,420 | 4,580,420 <u>Loan \$</u> 4,580,420 LOAN INTEREST | II = 4,580,420 |
| 3 115 | PINEY ORCHARD WATER RECLAMATION FACILITY (WRF) UPGRADE TO ENR CW0085 Ben.Pop= 14,398 | PROBLEM: WWTP ACQUIRED BY COUNTY IN 2019 AND IN NEED OF UPGRADES AND ENHANCED TREATMENT TO BENEFIT THE MIDDLE AND LOWER PATUXENT RIVER PROJECT: UPGRADE OF CURRENT 0.7 MGD BNR WWTP TO ENR | JAMES HOWARD ANNE ARUNDEL COUNTY <i>System Size = Large</i> Anne Arundel County | 21 3 | 02-13-11-05 <i>NPDES #</i> MD0059145 | W/S: Y PFA: 2 PUBLIC LARGE | <i>Design</i> 01/01/2022 <i>Construction</i> 06/01/2023 06/30/2025 | 42,301,110 | 42,301,110 <u>Loan \$</u> 42,301,110 LOAN INTEREST | II = 42,301,110 |
| 4 110 | MARDELA SPRINGS WWTP AND SEWER SYSTEM CW0022 Ben.Pop= 380 | PROBLEM: FAILING ONSITE DISPOSAL SYSTEMS IN MARDELA SPRINGS COMMUNITY AS DETERMINED BY WICOMICO HEALTH PROJECT: P/D/C CENTRALIZED PUBLIC SEWER SYSTEM WITH NEW 0.175 MGD ENR PLANT | KATHERINE MCALLISTER WICOMICO COUNTY <i>System Size = Small</i> Wicomico County | 37B 1 | 02-13-03-05 <i>NPDES #</i> PENDING | W/S: N PFA: 3 Compliance PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 09/01/2023 12/31/2024 | 32,651,580 | 32,651,580 <u>Loan \$</u> 32,651,580 LOAN INTEREST | II = 18,708,460 IVA = 13,943,120 |
| 5 105 | ANNE ARUNDEL COUNTY SEPTIC TO SEWER PROGRAM CW0084 Ben.Pop= 575 | PROBLEM: OSDS CONTRIBUTING TO EUTROPHICATION ISSUES AND ALGAL BLOOMS IN ANNE ARUNDEL COUNTY'S PORTION OF THE CHESAPEAKE BAY PROJECT: FIRST PHASE OF PROGRAM TO CONNECT UP TO 6,000 OSDS TO SEWER AND ENR WWTP'S OVER THE NEXT 30 YEARS | KIMBERLY CLUNEY ANNE ARUNDEL COUNTY <i>System Size = Large</i> Anne Arundel County | 31B 04 | MULTIPLE <i>NPDES #</i> MULTIPLE | W/S: Y PFA: 3 Compliance PUBLIC LARGE | <i>Design</i> 03/01/2022 <i>Construction</i> 11/01/2023 02/28/2025 | 13,000,000 | 13,000,000 <u>Loan \$</u> 13,000,000 LOAN INTEREST | IVA = 13,000,000 |

NEEDS CATEGORY DEFINITIONS:

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|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
| I. Secondary Treatment | IVA. New Collector Sewer | VIA. SW Conveyance Infrastructure | VIIJ. NPS: Sanitary Landfills | W. Water Conservation |
| II. Advanced Treatment | IVB. New Interceptor Sewer | VIB. SW Treatment Systems | VIIK. NPS: Hydromodification | O. Other |
| IIIA. I/I Correction | VA. CSO Correction - Traditional | VIC. Green Infrastructure | VIII. Decentralized | |
| IIIB. Major Sewer Rehab | VB. CSO Correction - Green | VID. General SW Management | E. Energy Conservation | |

PFA (Priority Funding Area) Codes:

- PFA: 1 = Categorical Exclusion
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| 6 100 | PARSONSBURG VILLAGE WWTP AND SEWER SYSTEM CW0023 Ben.Pop= 365 | PROBLEM: FAILING ONSITE DISPOSAL SYSTEMS IN PARSONSBURG VILLAGE AS DETERMINED BY WICOMICO HEALTH PROJECT: P/D/C CENTRALIZED PUBLIC SEWER SYSTEM WITH 0.07 MGD ENR | KATHERINE MCALLISTER WICOMICO COUNTY <i>System Size = Small</i> Wicomico County | 38C 1 | 02-13-03-01 <i>NPDES #</i> PENDING | W/S: N PFA: 3 Compliance PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 12/01/2023 12/31/2024 | 29,392,430 | 29,392,430 <u>Loan \$</u> 29,392,430 LOAN INTEREST | II = 14,718,940 IVA = 14,673,490 |
| 7 100 | NANTICOKE-BIVALVE-TYASKIN WWTP AND SEWER SYSTEM CW0024 Ben.Pop= 640 | PROBLEM: FAILING ONSITE DISPOSAL SYSTEMS IN NANTICOKE-BIVALVE-TYASKIN AS DETERMINED BY WICOMICO HEALTH PROJECT: P/D/C CENTRALIZED PUBLIC SEWER SYSTEM WITH 0.20 MGD ENR PLANT | KATHERINE MCALLISTER WICOMICO COUNTY <i>System Size = Small</i> Wicomico County | 37B 1 | 02-13-03-05 <i>NPDES #</i> PENDING | W/S: N PFA: 3 Compliance PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 12/01/2023 12/31/2024 | 65,428,670 | 65,428,670 <u>Loan \$</u> 65,428,670 LOAN INTEREST | II = 19,210,460 IVA = 46,218,210 |
| 8 100 | COULBOURNE MILL COMMUNITY WWTP AND SEWER SYSTEM CW0021 Ben.Pop= 1,113 | PROBLEM: FAILING ONSITE DISPOSAL SYSTEMS IN COULBOURNE MILL COMMUNITY AS DETERMINED BY WICOMICO HEALTH PROJECT: P/D/C CENTRALIZED PUBLIC SEWER SYSTEM WITH NEW 0.28 MGD ENR PLANT | KATHERINE MCALLISTER WICOMICO COUNTY <i>System Size = Small</i> Wicomico County | 37B 1 | 02-13-03-01 <i>NPDES #</i> PENDING | W/S: N PFA: 3 Compliance PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 12/01/2023 12/31/2024 | 84,841,500 | 84,841,500 <u>Loan \$</u> 84,841,500 LOAN INTEREST | II = 27,779,710 IVA = 57,061,790 |
| 9 100 | GREENSBORO REGIONAL WASTEWATER SYSTEM EXPANSION CW0063 Ben.Pop= 3,160 | PROBLEM: FAILING SEPTIC SYSTEMS; SECONDARY WWTP WITH SIGNIFICANT NON-COMPLIANCE; DRAFT CONSENT ORDER PROJECT: P/D/C NEW CONVEYANCE TO CONNECT TO ENR WWTP; 17.1 SEPTIC TO SEWER CONNECTIONS; DECOMMISSION CAROLINE ACRES WWTP | DJ WACKER TOWN OF GREENSBORO <i>System Size = Small</i> Caroline County | 36 1 | 02-13-04-04 <i>NPDES #</i> MD0071269 | W/S: Y PFA: 5 Compliance PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 04/01/2023 01/31/2024 | 5,765,800 | 5,765,800 <u>Loan \$</u> 5,765,800 LOAN INTEREST | IVA = 5,765,800 |
| 10 100 | OAKLAND TROUT RUN WWTP AND SEWER SYSTEM CW0086 Ben.Pop= 5,093 | PROBLEM: 0.9 MGD SECONDARY WWTP DISCHARGES TO USE III-P WATERS (TROUT/PUBLIC WATER SUPPLY) ALSO CONTAMINATED W/ E COLI BY LOCAL OSDS PROJECT: P/D/C TROUT RUN WWTP AND 19,750 LF SEWER MAIN TO CONNECT EXISTING OSDS TO WWTP | BOBBY WITT GARRETT COUNTY SANITARY DISTRICT <i>System Size = Small</i> Garrett County | 1 6 | 05-02-02-01 <i>NPDES #</i> MD0051497 | W/S: Y PFA: 3 PUBLIC SMALL DISADV. | <i>Design</i> 05/01/2020 <i>Construction</i> 03/01/2023 03/31/2025 | 50,900,000 | 44,537,500 <u>Loan \$</u> 6,362,500 LOAN INTEREST | II = 44,530,000 IVA = 6,370,000 |

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| 11 100 | MIDDLETOWN WEST WASTEWATER TREATMENT PLANT UPGRADE CW0005 Ben.Pop= 12,738 | PROBLEM: UPGRADE 2-CELL LAGOON SECONDARY TREATMENT TO ENR PROJECT: PLANNING TO DETERMINE WHETHER TO BUILD A NEW WEST ENR PLANT OR CONVERT TO PUMPING STATION TO EAST PLANT | BRUCE CARBAUGH BURGESS AND COMMISSIONERS OF MIDDLETOWN <i>System Size = Small</i> Frederick County | 4 8 | 02-14-03-05 <i>NPDES #</i> MD0024406 | W/S: N PFA: 1 PUBLIC SMALL | <i>Design</i> 09/01/2023 <i>Construction</i> 10/01/2025 05/31/2027 | 8,785,000 | 8,785,000 LOAN UNWANTED | II = 8,785,000 |
| 12 100 | CENTREVILLE WASTEWATER TREATMENT PLANT EXPANSION CW0051 Ben.Pop= 13,675 | PROBLEM: CURRENT WWTP FUNCTIONS AT BNR; MOST COMPONENTS EXCEED ANTICIPATED USEFUL LIFE; CAPACITY INSUFFICIENT FOR PROJECTED GROWTH PROJECT: P/D/C UPGRADE BNR TO ENR; INCREASE CAPACITY FROM 542,000 GPD TO 1,000,000 GPD;REDUCE NUTRIENT & PHOSPHOROUS TO CHESAPEAKE BAY | CHARLES KOOGLE TOWN COUNCIL OF CENTREVILLE <i>System Size = Small</i> Queen Anne's County | 36 1 | 02-13-05-07 <i>NPDES #</i> MD0020834 | W/S: N PFA: N PUBLIC SMALL | <i>Design</i> 08/01/2022 <i>Construction</i> 03/01/2024 07/31/2026 | 29,879,000 | 29,879,000 <u>Loan \$</u> 29,879,000 LOAN INTEREST | II = 29,879,000 |
| 13 95 | REGION V - TILGHMAN ENR TREATMENT & SEPTIC SYSTEM ELIMINATION PROJECT CW0068 Ben.Pop= 4,240 | PROBLEM: EXCESS NUTRIENTS TO CHESAPEAKE BAY; FAILING/COMPROMISED SEPTICS NEED TO BE REDIRECTED TO SEWER; NEED FOR EXPANDED CAPACITY PROJECT: P/D/C UPGRADE SECONDARY WWTP TO ENR WWTP TO PREPARE FOR ELIMINATION OF AREA SEPTICS; NOT READY TO PROCEED UNTIL 2026 W/S TBD | RAY CLARKE, P.E. TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County | 37B 1 | 02-13-04-03 <i>NPDES #</i> MD0023604 | W/S: N PFA: N PUBLIC SMALL DISADV. | <i>Design</i> 09/01/2022 <i>Construction</i> 01/01/2026 01/31/2029 | 43,653,300 | 43,653,300 <u>Loan \$</u> 43,653,300 LOAN INTEREST | I = 43,653,300 |
| 14 80 | WHITEHAVEN VILLAGE WWTP AND SEWER SYSTEM CW0025 Ben.Pop= 35 | PROBLEM: FAILING ONSITE DISPOSAL SYSTEMS IN WHITEHAVEN VILLAGE AS DETERMINED BY WICOMICO HEALTH PROJECT: P/D/C CENTRALIZED PUBLIC SEWER SYSTEM WITH 0.015 MGD ENR | KATHERINE MCALLISTER WICOMICO COUNTY <i>System Size = Small</i> Wicomico County | 37B 1 | 02-13-03-01 <i>NPDES #</i> PENDING | W/S: N PFA: 3 Compliance PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 12/01/2023 12/31/2024 | 5,941,980 | 5,941,980 <u>Loan \$</u> 5,941,980 LOAN INTEREST | II = 3,010,210 IVA = 2,931,770 |
| 15 80 GREEN (G) | BALTIMORE CITY MS4 PROGRAM CW0019 LINEAR FEET=8,825 | PROBLEM: STORMWATER RUNOFF NOT MANAGED TO MAXIMUM EXTENT PRACTICABLE; MS4 PERMIT PROJECT: CONSTRUCT SW MGMT FACILITIES IN VARIOUS LOCATIONS CITYWIDE, INC BIORETENTION, RAINGARDENS, STRM STABILIZATION, BUMPOUTS, ETC. | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE Baltimore City | REG REG | MULTIPLE | W/S: E PFA: E Compliance PUBLIC LARGE DISADV. | <i>Design</i> 06/01/2016 <i>Construction</i> 07/01/2022 12/31/2024 | 55,177,850 <i>Green \$</i> 28,381,514 | 28,381,514 <u>Loan \$</u> 28,381,514 LOAN INTEREST | VIC = 55,177,850 |

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|--|--|--|--|----------------------|--|--|--|---|---|---------------------------|
| 16 80 | CHARLESTOWN DAM DECOMMISSIONING/STREAM RESTORATION CW0035 LINEAR FEET=600 | PROBLEM: FAILING DAM PER MDE INSPECTION REPORT 01/24/2019 PROJECT: REMOVE THE DAM, RESTORE JACKSON RUN STREAM, PLANT VEGETATIVE BUFFER, RIP RAP REPLACEMENT | TYLER RAYNER TOWN OF LONACONING <i>System Size = Small</i> Allegany County | 1A 6 | 02-14-10-04 | W/S: E PFA: E Compliance PUBLIC SMALL DISADV. | <i>Design</i> 03/01/2020 <i>Construction</i> 11/01/2022 04/30/2023 | 798,520 | 798,520 <u>Loan \$</u> 798,520 LOAN INTEREST | VIB = 798,520 |
| 17 80 GREEN (G) | FAMILY FOREST IMPACT PROGRAM (LOAN GUARANTEE, ONLY) CW0091 | PROBLEM: RESTORATION OF RIPARIAN FOREST BUFFERS TO OFFSET FOREST LOSSES TO DEVELOPMENT PROJECT: ENROLL 17,813 ACRES OF NIPF 20+ ACRE PARCELS FROM 135 MD LANDOWNERS IN FAMILY FOREST CARBON PROGRAM BY 2028 | CHRISTINE CADIGAN FAMILY FOREST IMPACT FOUNDATION Allegany County | VAR 6,8 | MULTIPLE | W/S: E PFA: E PRIVATE | <i>Design</i> 07/01/2022 <i>Construction</i> 01/01/2023 12/31/2027 | 2,500,000 <i>Green \$</i> 2,500,000 | 2,500,000 <u>Loan \$</u> 2,500,000 LOAN INTEREST | VIC = 2,500,000 |
| 18 80 | MIDLAND/GILMORE DAM REPAIR/STREAM RESTORATION CW0034 LINEAR FEET= 150 | PROBLEM: DAM AT MIDLAND/GILMORE PLANT HAS HIGH HAZARD POTENTIAL -- MDE DAM SAFETY REPORT 01/24/2019 PROJECT: SEDIMENT REMOVAL, VEGETATION REMOVAL, INSTALL STAFF GAUGE REPAIR RIP RAP, LINER REPAIRS, REPAIR RESERVOIR OUTLET WORKS | TYLER RAYNER TOWN OF LONACONING <i>System Size = Small</i> Allegany County | 1A 6 | 02-14-10-04 | W/S: E PFA: E PUBLIC SMALL DISADV. | <i>Design</i> 03/01/2020 <i>Construction</i> 11/01/2022 02/01/2023 | 399,076 | 399,076 <u>Loan \$</u> 399,076 LOAN INTEREST | VIB = 399,076 |
| 19 75 | JONES VILLAGE SEPTIC ELIMINATION PROJECT CW0048 Ben.Pop= 168 | PROBLEM: EXCESS NUTRIENTS INTO MARSHYHOPE CREEK & CHESAPEAKE BAY; SEPTIC SYSTEMS REACHING ANTICIPATED USEFUL LIFE PROJECT: D/C 67 SEPTIC TO ENR WWTP SEWER CONNECTION; DECOMMISSIONING OF OLD SEPTICS | JOHN AVERY TOWN OF HURLOCK <i>System Size = Small</i> Dorchester County | 37A 1 | 02-13-03-06 <i>NPDES #</i> MD0022730 | W/S: N PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 01/01/2023 <i>Construction</i> 12/01/2023 05/31/2024 | 2,770,400 | 2,770,400 <u>Loan \$</u> 2,770,400 LOAN INTEREST | IVA = 2,770,400 |
| 20 75 | REGION V - SEWER EXTENSION TO FAIRBANK AND BAR NECK VILLAGES CW0067 Ben.Pop= 365 | PROBLEM: EXCESS NUTRIENTS TO CHOPTANK RIVER AND CHESAPEAKE BAY PROJECT: P/D/C 146 SEPTIC TO ENR SEWER CONNECTIONS; DECOMMISSION OLD SEPTICS | RAY CLARKE, P.E. TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County | 37B 1 | 02-13-04-03 <i>NPDES #</i> MD0059463 | W/S: N PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 11/01/2022 05/31/2023 | 2,170,000 | 2,170,000 <u>Loan \$</u> 2,170,000 LOAN INTEREST | IVA = 2,170,000 |

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|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
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| 21 75 GREEN (G) | FRUITLAND TUXENTS BRANCH DRAINAGE CW0059 Ben.Pop= 6,980 | PROBLEM: FLOODING, EROSION AND STRUCTURE ISSUES WITHIN EXISTING SW CONVEYANCE CHANNEL; MS4 PERMIT PROJECT: P/D/C BMP PRACTICES & STREAM RESTORATION WITHIN TUXENTS BRANCH DRAINAGE BASIN | MARCUS HENDERSON CITY OF FRUITLAND, MD <i>System Size = Small</i> Wicomico County | 38B 1 | 02-13-03-01 <i>NPDES #</i> MDR055500 | W/S: E PFA: E PUBLIC SMALL DISADV. | <i>Design</i> 01/01/2022 <i>Construction</i> 04/01/2023 12/31/2023 | 1,979,926 <i>Green \$</i> 559,418 | 1,034,926 <i>Loan \$</i> 1,034,926 LOAN INTEREST | VIA = 1,979,926 |
| 22 75 | OVERLEA DRIVE SEWER CONSTRUCTION PROJECT CW0090 Ben.Pop= 52,660 | PROBLEM: OUTDATED/FAILING SEPTIC SYSTEMS THAT CANNOT BE REPLACED DUE TO SITE CONDITIONS POSE ENVIRONMENTAL AND HEALTH THREAT PROJECT: CONSTRUCT 2386 LF OF 1.5-IN TO 8-IN SEWER PIPES + 1 MANHOLE TO CONNECT 16 HOMES TO MONTGOMERY CO PUBLIC SEWER TO BLUE PLAINS | MARY YAKAITIS OVERLEA SEWER CONSORTIUM <i>System Size = Large</i> Montgomery County | 15 6 | 02-14-02-02 <i>NPDES #</i> DC0021199 | W/S: Y PFA: 5 PRIVATE LARGE | <i>Design</i> 03/01/2021 <i>Construction</i> 06/01/2022 09/30/2022 | 385,000 | 320,000 LOAN UNWANTED | IVB = 385,000 |
| 23 70 | REPLACEMENT WWTP FOR THE PRESERVE AT WYE MILLS CW0070 Ben.Pop= 168 | PROBLEM: EXISTING WWTP NOT COMPLYING WITH DISCHARGE PERMIT PROJECT: P/D/C REPLACE EXISTING RBC FACILITY W/NEW ACTIVATED SLUDGE/MBR TREATMENT SYSTEM CAPABLE OF MEETING ENR DISCHARGE REQUIREMENTS | RAY CLARKE, P.E. TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County | 37B 1 | 02-13-05-03 <i>NPDES #</i> MD3406U02 | W/S: Y PFA: 2 Compliance PUBLIC SMALL DISADV. | <i>Design</i> 10/01/2022 <i>Construction</i> 04/01/2023 12/31/2023 | 857,750 | 857,750 <i>Loan \$</i> 857,750 LOAN INTEREST | I = 857,750 |
| 24 70 | WASTEWATER TREATMENT PLANT UPGRADE: COLLEGE OF SOUTHERN MARYLAND CW0083 Ben.Pop= 7,000 | PROBLEM: UPGRADE BNR TO ENR PROJECT: REPLACE BNR SYSTEM WITH MEMBRANE ENR | JUDITH MILLS COLLEGE OF SOUTHERN MARYLAND <i>System Size = Small</i> Charles County | 28 5 | 02-14-01-09 <i>NPDES #</i> MD0052311 | W/S: Y PFA: 2 PUBLIC SMALL | <i>Design</i> 05/01/2022 <i>Construction</i> 07/01/2023 09/30/2024 | 9,438,000 | 9,438,000 <i>Loan \$</i> 9,438,000 LOAN INTEREST | I = 9,438,000 |
| 25 70 GREEN (G) | HAMPSTEAD VALLEY WATERSHED RESTORATION CW0073 DRAIN ACRES=136 | PROBLEM: STREAMS/WATERWAYS IMPAIRED BY NUTRIENTS, SEDIMENT & THERMAL LOADS; NEEDED FOR WATER QUALITY TREATMENT; MS4 PERMIT REQ PROJECT: D/C STORMWTR MGMT FOR PROJ(3); NEW/REHAB BMPs INC. RIPARIAN BUFFER, WETLAND FACILITY TO REPL DAM, STREAM RESTOR, NEW DAM, ETC | KELLY MARTIN CARROLL COUNTY COMMISSIONERS* <i>System Size = Large</i> Carroll County | 5 1 | 02-13-08-05 | W/S: E PFA: E Compliance PRIVATE LARGE | <i>Design</i> 12/01/2020 <i>Construction</i> 11/01/2023 11/30/2024 | 5,195,000 <i>Green \$</i> 2,597,500 | 2,597,500 LOAN UNWANTED | VIC = 5,195,000 |

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- | | | | | |
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Clean Water Funds (State Revolving Loan/ State Grant)

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| Rank/ Points | Project Title/ Number/ Population | Project Description | Applicant Name/ County | Leg/Cong District | River Basin NPDES # | Project Details | Milestone Dates | Total Cost <i>Green Cost</i> | MDE Requested Funding | Cost By Needs Category |
|-----------------|--|---|---|----------------------|--|--|--|---------------------------------|---|---------------------------|
| 26 65 | CAMP MOSHAVA WASTEWATER SYSTEM CW0078 Ben.Pop= 230 | PROBLEM: SUSPECTED LEAKING LAGOON. SPRAY FIELD NOT IN OPERATION. MONITORING WELL#2 NOT FOUND. NEED TO DRILL NEW MONITORING WELL. PROJECT: UPGRADE COMPONENTS REQUIRING REPLACEMENT. DRILL NEW MONITORING WELL. | TALIA RODWIN THE HABONIM CAMP ASSOCIATION CO., INC <i>System Size = Small</i> Harford County | 35B 2 | 02-12-02-02 <i>NPDES #</i> 17DP1014 | W/S: Y PFA: 1 Compliance PRIVATE SMALL | <i>Design</i> 08/31/2021 <i>Construction</i> 08/01/2023 05/31/2024 | 600,000 | 600,000 LOAN UNWANTED | I= 600,000 |
| 27 65 | CECILTON WASTEWATER TREATMENT PLANT CW0045 Ben.Pop= 880 | PROBLEM: EXCESS NUTRIENTS TO BALCK DUCK CREEK & THE CHESAPEAKE BAY PROJECT: P/D/C UPGRADE EXISTING SECONDARY FACILITY TO ENR | MARY COPPER TOWN OF CECILTON <i>System Size = Small</i> Cecil County | 35A 1 | 02-13-06-02 <i>NPDES #</i> MD0020443 | W/S: Y PFA: 2 PUBLIC SMALL DISADV. | <i>Design</i> 01/01/2023 <i>Construction</i> 11/01/2023 12/31/2024 | 8,000,000 | 8,000,000 LOAN UNWANTED | I= 8,000,000 |
| 28 65 | BEDFORD ROAD SANITARY SEWER REHAB -- PHASE VII CW0027 Ben.Pop= 3,100 | PROBLEM: I&I AND SEWER OVERFLOWS; CONSENT ORDER FROM MDE 2006 PROJECT: REPAIR/REPLACE 5000 LF OF 15-INCH DIAMETER SEWER MAINS | JAMES WEBBER ALLEGANY COUNTY COMMISSIONERS <i>System Size = Small</i> Allegany County | 1C 6 | 02-14-10-02 <i>NPDES #</i> MD0021598 | W/S: Y PFA: Y Compliance PUBLIC SMALL DISADV. | <i>Design</i> 05/01/2022 <i>Construction</i> 12/01/2022 06/30/2023 | 1,000,000 | 1,000,000 <u>Loan \$</u> 1,000,000 LOAN INTEREST | IIIB = 1,000,000 |
| 29 65 | FROSTBURG CSO ELIMINATION PROJECT, PHASE X-C: EAST WASHINGTON STREET CW0031 Ben.Pop= 9,730 | PROBLEM: CSO'S ON EAST SIDE OF CITY OF FROSTBURG; TERRA COTTA PIPES, I&I, MDE CONSENT DECREE PROJECT: REHAB 5000 LF OF 8-INCH DIAMETER SEWER MAINS. SEPARATE SANITARY AND STORM SYSTEMS, CREATE NEW STORM OUTFALLS | LAURA BEEMAN CITY OF FROSTBURG <i>System Size = Small</i> Allegany County | 1B 6 | 20-14-10-05 <i>NPDES #</i> MD0021598 | W/S: Y PFA: Y Compliance PUBLIC SMALL DISADV. | <i>Design</i> 01/01/2022 <i>Construction</i> 06/01/2023 01/31/2025 | 4,067,000 | 3,558,625 <u>Loan \$</u> 3,558,625 LOAN INTEREST | VA = 4,067,000 |
| 30 65 | EVITTS CREEK PHASE CSO UPGRADES PHASE IV INTERCEPTOR SEWER TO ECPS CW0030 Ben.Pop= 10,450 | PROBLEM: DAMAGED SEWER MAIN TO PS ALLOWS FOR I&I AND OVERFLOW AT PS, CONSENT DECREE PROJECT: INSTALL 65,000 LF OF 24-INCH DIAMETER SEWER MAINS TO REPLACE EXISTING | ROBERT SMITH MAYOR AND CITY COUNCIL OF CUMBERLAND <i>System Size = Large</i> Allegany County | 6 1 | 12-14-10-01 <i>NPDES #</i> MD002159 | W/S: Y PFA: 2 Compliance PUBLIC LARGE DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 12/01/2023 06/30/2025 | 3,583,500 | 3,550,900 <u>Loan \$</u> 3,550,900 LOAN INTEREST | VA = 3,583,500 |

NEEDS CATEGORY DEFINITIONS:

- | | | | | |
|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
| I. Secondary Treatment | IVA. New Collector Sewer | VIA. SW Conveyance Infrastructure | VIIJ. NPS: Sanitary Landfills | W. Water Conservation |
| II. Advanced Treatment | IVB. New Interceptor Sewer | VIB. SW Treatment Systems | VIIK. NPS: Hydromodification | O. Other |
| IIIA. I/I Correction | VA. CSO Correction - Traditional | VIC. Green Infrastructure | VIII. Decentralized | |
| IIIB. Major Sewer Rehab | VB. CSO Correction - Green | VID. General SW Management | E. Energy Conservation | |

PFA (Priority Funding Area) Codes:

- PFA: 1 = Categorical Exclusion
PFA: 2 = Categorical Exception (No Expansion)
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PFA: 4 = Exception Under Review
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|-----------------|--|---|---|----------------------|--|--|--|---------------------------------|---|---------------------------|
| 31 65 | EVITTS CREEK CSO UPGRADES PHASE III -- GRAVITY SEWER THROUGH CSX RAILYARD CW0029 Ben.Pop= 16,940 | PROBLEM: CSO UNDER CSX RAIL YARD, CONSENT ORDER PROJECT: CIPP RATED FOR E80 RAILROAD LOADS; 2766 LF OF 8-30-INCH SEWER MAINS | ROBERT SMITH MAYOR AND CITY COUNCIL OF CUMBERLAND <i>System Size = Large</i> Allegany County | 6 1 | 12-14-10-01 <i>NPDES #</i> MD0021598 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 05/01/2020 <i>Construction</i> 07/01/2023 09/30/2024 | 7,899,640 | 2,141,112 <u>Loan \$</u> 2,141,112 LOAN INTEREST | VA = 7,899,640 |
| 32 65 | 78" PARALLEL PIPELINE FROM MILL RACE TO CSO STORAGE (PROJECT NO. 19-16-S) CW0028 Ben.Pop= 48,885 | PROBLEM: MILL RACE STORAGE FACILITY OVERFLOWS INTO POTOMAC RIVER, CONSENT DECREE PROJECT: ADD 4,000 LF OF 78-INCH DIAMETER SEWER PIPE TO CONVEY MILL RACE OVEFLOWS TO CSO STORAGE FACILITY AT WWTP | ROBERT SMITH MAYOR AND CITY COUNCIL OF CUMBERLAND <i>System Size = Large</i> Allegany County | 6 1 | 12-14-10-01 <i>NPDES #</i> MD0021598 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 03/01/2019 <i>Construction</i> 01/01/2023 03/31/2026 | 66,941,806 | 27,563,974 <u>Loan \$</u> 27,563,974 LOAN INTEREST | VA = 66,941,806 |
| 33 60 | ST. CLEMENTS SHORES WASTEWATER TREATMENT PLANT ENR UPGRADE CW0055 Ben.Pop= 1,918 | PROBLEM: EXCESS NUTRIENTS TO CHESAPEAKE BAY; NEED FOR INCREASED CAPACITY PROJECT: P/D/C UPGRADE CURREENT BNR TO ENR; UPGRADE EXISTING RAPID INFILTRATION & SPRAY IRRIGATION | JOY R POTTER ST. MARY'S COUNTY METROPOLITAN COMMISSION <i>System Size = Small</i> St. Mary's County | 29A 5 | 02-14-01-04 <i>NPDES #</i> 19DP15878 | W/S: Y PFA: 5 PUBLIC SMALL | <i>Design</i> 06/01/2022 <i>Construction</i> 09/01/2023 12/31/2024 | 7,336,833 | 7,336,833 LOAN UNWANTED | II = 7,336,833 |
| 34 60 | BRUNSWICK SEPTIC CONNECTIONS TO WWTP CW0003 Ben.Pop= 28,168 | PROBLEM: CONNECT 13 REMAINING SEPTICS TO WWTP PROJECT: EXTEND SEWER MAINS TO 13 REMAINING SEPTICS IN VARIOUS PARTS OF THE CITY OF BRUNSWICK | DAVID DUNN CITY OF BRUNSWICK <i>System Size = Small</i> Frederick County | 4 6 | 02-04-03-01 <i>NPDES #</i> MDR055500 | W/S: Y PFA: Y Compliance PUBLIC SMALL | <i>Design</i> 07/01/2022 <i>Construction</i> 02/01/2023 07/31/2023 | 862,000 | 762,000 LOAN UNWANTED | IVB = 862,000 |
| 35 60 | PISCATAWAY WRRF BIO ENERGY PROJECT CW0056 Ben.Pop= 187,363 | PROBLEM: MORE RESTRICTIVE GUIDELINES RE LAND APPLICATION OF CLASS B BIOSOLIDS PROJECT: CONSTRUCT A CLASS A REGIONAL BIO SOLIDS FACILITY, INC BIO ENERGY FACILITIES; REQUIRES NEW/MODIFIED TREATMENT PROCESSES | STANLEY DABEK WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Prince George's County | REG 5 | 02-14-02-03 <i>NPDES #</i> MD0021539 | W/S: Y PFA: 2 PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2017 <i>Construction</i> 06/01/2019 12/31/2024 | 185,385,750 | 185,385,750 <u>Loan \$</u> 185,385,750 LOAN INTEREST | E = 185,385,750 |

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| 36 60 GREEN (G) | MONTGOMERY COUNTY/M-NCPPC MS4 WATER QUALITY PROGRAM - ROUND 2 CW0089 Ben.Pop= 1,190,000 | PROBLEM: LITTLE/NO SW CONTROL OR TREATMENT FOR RUNOFF, DOWNSTREAM DEGRADATION, MS4 PERMIT PROJECT: P/D/C VARIOUS SW BMPS, RESTORE STREAMS, IMPROVE OUTFALLS, RE-ESTABLISH RIPARIAN BUFFERS | CARL MORGAN (M-NCPPC) MONTGOMERY COUNTY DEP <i>System Size = Large</i> Montgomery County | VAR VAR | 02-14-02-02 <i>NPDES #</i> MDR055501 | W/S: Y PFA: Y Compliance PUBLIC LARGE | <i>Construction</i> // // | 14,350,000 <i>Green \$</i> 14,350,000 | 14,350,000 <i>Loan \$</i> 14,350,000 LOAN INTEREST | VIB = 14,350,000 |
| 37 60 | SANITARY SEWER RECONSTRUCTION PROGRAM - SECTION 7 CW0026 Ben.Pop= 1,337,228 | PROBLEM: AGING SEWER INFRASTRUCTURE EXPERIENCES INFLOW AND INFILTRATION AND SANITARY SEWER OVERFLOWS PROJECT: PHASE 7 OF PROGRAMMATIC LOAN FOR SYSTEM-WIDE SEWER RECONSTRUCTION PROGRAM | WEIBO LI WASHINGTON SUBURBAN SANITARY COMMISSION (WSSC) <i>System Size = Large</i> | VAR VAR | <i>NPDES #</i> MULTIPLE | W/S: Y PFA: Y Compliance PUBLIC LARGE | <i>Design</i> 12/01/2022 <i>Construction</i> 12/01/2023 12/31/2024 | 110,635,200 | 110,635,200 <i>Loan \$</i> 110,635,200 LOAN INTEREST | VA = 110,635,200 |
| 38 55 | TRENTON STREET SEWAGE PUMPING STATION REHABILITATION CW0050 Ben.Pop= 5,800 | PROBLEM: AGING PUMP STATION IN 100-YR FLOODPLAIN IS FAILING, LEAKING PIPES, PUMP FAILURE AND STRUCTURAL DAMAGE PROJECT: D/C REPAIRS AND ABANDON EXISTIING WET WELL, NEW WET WELL, PUMP VAULT, PUMPS, VALVES, CONTROLS AND PIPING, FLOODPROOFING | GEORGE W. HYDE, P.E. COMMISSIONERS OF CAMBRIDGE <i>System Size = Large</i> Dorchester County | 37B 1 | 02-13-04-03 <i>NPDES #</i> MD0021636 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 05/01/2022 <i>Construction</i> 06/01/2023 06/30/2024 | 4,044,000 | 4,044,000 <i>Loan \$</i> 4,044,000 LOAN INTEREST | IIIB = 4,044,000 |
| 39 50 | BRUNSWICK STREAM RESTORATIONS CW0004 Ben.Pop= 28,168 | PROBLEM: BANK EROSION/CHANNEL INCISION AT SITE S-6 ADJACENT TO SPORTS COMPLEX IMPROVEMENTS PROJECT: STREAM RESTORATION AT SITE S-6 | DAVID DUNN CITY OF BRUNSWICK <i>System Size = Small</i> Frederick County | 6 6 | 02-14-03-01 | W/S: E PFA: E Compliance PUBLIC SMALL | <i>Design</i> 07/01/2023 <i>Construction</i> 11/01/2023 06/30/2024 | 1,050,000 | 525,000 LOAN UNWANTED | VIA = 1,050,000 |
| 40 45 | WRF GRIT SEPARATION AND UV DISINFECTION CW0033 Ben.Pop= 48,885 | PROBLEM: WRF HAS SCREENING BUT NO GRIT REMOVAL SYSTEM. CHEMICALS USED IN LIEU OF A UV DISINFECTION SYSTEM POSE RISK OF LEAKS PROJECT: ADD VORTEX GRIT SYSTEM. ADD UV DISINFECTION SYSTEM TO PROVIDE TREATMENT REDUNDANCY IN LIEU OF CHEMICAL DISINFECTANTS | ROBERT SMITH MAYOR AND CITY COUNCIL OF CUMBERLAND <i>System Size = Large</i> Allegany County | 6 1 | 12-14-10-01 <i>NPDES #</i> MD0021598 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 06/01/2023 <i>Construction</i> 07/01/2024 12/31/2025 | 4,445,000 | 4,445,000 <i>Loan \$</i> 4,445,000 LOAN INTEREST | II = 4,445,000 |

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- | | | | | |
|-------------------------|----------------------------------|------------------------------------|-------------------------------|-----------------------|
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| IIIA. I/I Correction | VA. CSO Correction - Traditional | VIC. Green Infrastructure | VII L. Decentralized | |
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| 41 40 | TOWN OF LUKE SEWER COLLECTION SYSTEM - PHASE 3 CW0036 Ben.Pop= 75 | PROBLEM: AGING GRAVITY SEWER SYSTEM; IMPROPER SEPARATION OF W/S MAINS; RAW SEWAGE DISCHARGE/BACKUPS PROJECT: REHAB/REPLACE 3480 LF OF 6-10 INCH SEWER MAINS | EDWARD CLEMONS, JR. TOWN OF LUKE <i>System Size = Small</i> Allegany County | 1A 6 | 02-14-10-05 <i>NPDES #</i> MD0021687 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 06/01/2023 10/31/2023 | 1,509,400 | 1,500,000 LOAN UNWANTED | IIIB = 1,509,400 |
| 42 40 | JERSEY ISLAND WASTEWATER PUMP STATION REPLACEMENT CW0053 Ben.Pop= 555 | PROBLEM: PUMP STATION EXCEEDS LIFE EXPECTANCY, INOPERABLE BYPASS CONNECTION, FAILING PUMPS PROJECT: D/C REPLACE WW PUMP STATION INC FLOW METER, VALVE VAULTS, BYPASS CONNECT, CONTROLS, ALARM SYSTEM, FLOOD PROTECTION MEASURES | BARRY DIZE CITY OF CRISFIELD <i>System Size = Small</i> Somerset County | 38A 1 | 02-13-02-06 <i>NPDES #</i> MD002001 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 05/01/2023 11/30/2023 | 650,000 | 650,000 <u>Loan \$</u> 650,000 LOAN INTEREST | IIIB = 650,000 |
| 43 40 | WESTERNPORT SANITARY SEWER REPLACEMENT CW0088 Ben.Pop= 2,400 | PROBLEM: EARLY 1900S TERRACOTTA SEWER MAINS CRACKED AND CRUMBLING. INCREASED INSURANCE CLAIMS. SEWAGE LEAKS INTO DITCHES+SEWER BACKUPS PROJECT: REPLACE TOWN SANITARY SEWER SYSTEM-71,578 LF SEWER MAINS (6-IN TO 24-IN), 237 MANHOLES +APPURTENANCES | AARON LATTANZIA TOWN OF WESTERNPORT <i>System Size = Small</i> Allegany County | 1A 6 | 02-14-10-01 <i>NPDES #</i> MD0021687 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 08/01/2021 <i>Construction</i> 04/01/2023 12/31/2024 | 23,348,899 | 22,665,000 <u>Loan \$</u> 22,665,000 LOAN INTEREST | IIIB = 23,348,899 |
| 44 40 GREEN (E) | WINDMILL FORCE MAIN REPLACEMENT CW0071 Ben.Pop= 2,500 | PROBLEM: EXISTING FORCEMAIN IS TUBERCULATED CAUSING EXCESSIVE HEADLOSS AND EXCESSIVE ENERGY CONSUMPTION. PROJECT: D/C REPLACE FORCEMAIN ASSOCIATED WITH THE RELOCATION OF THE PUMP STATION TO REDUCE ENERGY CONSUMPTION & INCREASE EFFICIENCY | PAUL MOFFETT, P.E. EASTON UTILITIES COMMISSION <i>System Size = Large</i> Talbot County | 37B 1 | 02-13-04-03 <i>NPDES #</i> MD0020273 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2019 <i>Construction</i> 01/01/2023 12/31/2023 | 2,418,000 <i>Green \$</i> 2,418,000 | 2,418,000 <u>Loan \$</u> 2,418,000 LOAN INTEREST | IIIB = 2,418,000 |
| 45 40 | SC-1014 JONES FALLS SEWERSHED INFLOW & INFILTRATION REDUCTION - PROJECT 01 CW0015 | PROBLEM: HIGH INFLOW & INFILTRATION IN EIGHT METERED BASINS; MODIFIED CONSENT DECREE JFM-02-1524 PROJECT: CONSTRUCT REHAB OF 16.58 MILES OF SANITARY SEWER PIPE USING CIPP METHOD & POINT REPAIRS; REHAB ~558 MANHOLES, VARIOUS METHODS | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | REG 7 | 02-13-09-05 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2020 <i>Construction</i> 12/01/2023 11/30/2025 | 16,630,320 | 12,584,826 <u>Loan \$</u> 12,584,826 LOAN INTEREST | IIIA = 16,630,320 |

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| II. Advanced Treatment | IVB. New Interceptor Sewer | VIB. SW Treatment Systems | VIIK. NPS: Hydromodification | O. Other |
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| 46 40 | SC-1016 JONES FALLS SEWERSHED INFLOW & INFILTRATION REDUCTION - PROJECT 03 CW0016 | PROBLEM: HIGH INFLOW & INFILTRATION IN SIX METERED BASINS; MODIFIED CONSENT DECREE JFM-02-1524 PROJECT: CONSTRUCT REHAB OF ~15 MILES OF SANITARY SEWER PIPE USING CIPP METHOD & POINT REPAIRS; REHAB ~644 MANHOLES, VARIOUS METHODS | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | 43 7 | 02-13-09-04 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2020 <i>Construction</i> 12/01/2023 11/30/2025 | 14,427,963 | 10,896,546 <u>Loan \$</u> 10,896,546 LOAN INTEREST | IIIA = 14,427,963 |
| 47 35 | EDGEMONT RESERVOIR EMERGENCY REPAIR CW0038 Ben.Pop= 108,600 | PROBLEM: AGING DAM THREATENS DOWNSTREAM WATER QUALITY; DAM BEING MAINTAINED IN DRY CONDITION FOR PUBLIC SAFETY; PROJECT: RECONSTRUCT DAM, ADDRESS INTAKE SCREENING AND RESERVOIR AERATION | WILLIAM LUHN CITY OF HAGERSTOWN <i>System Size = Large</i> Washington County | 2C 6 | 02-14-05-02 | W/S: E PFA: E Compliance PUBLIC LARGE DISADV. | <i>Design</i> 05/01/2017 <i>Construction</i> 10/01/2023 12/31/2025 | 20,250,000 | 17,250,000 <u>Loan \$</u> 17,250,000 LOAN INTEREST | VIK = 20,250,000 |
| 48 30 | CONSTRUCT CECO TO CHERRY HILL CONNECTION PH 2 LAGOON DECOMMISSIONING CW0046 Ben.Pop= 308 | PROBLEM: FLOW HAS BEEN REDIRECTED TO CHERRY HILL WWTP, LAGOONS ARE NO LONGER NEEDED PROJECT: D/C DEMOLITION/DECOMMISSION OF LAGOONS AND COMPLETE COLLECTION SYSTEM REPAIRS | PHILIP MUZIK CECIL COUNTY <i>System Size = Large</i> Cecil County | 34A 1 | 02-13-06-05 <i>NPDES #</i> MD0052825 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2021 <i>Construction</i> 04/01/2023 10/31/2023 | 3,000,000 | 3,000,000 <u>Loan \$</u> 3,000,000 LOAN INTEREST | O = 3,000,000 |
| 49 30 | REPLACEMENT OF EAST NEW MARKET PUMP STATION CW0049 Ben.Pop= 450 | PROBLEM: PUMPING STATION BUILT IN 1972 IS AGING, FREQUENT OVERFLOW EVENTS PROJECT: P/D/C NEW PUMP STATION WITH SUBMERSIBLE PUMPS, VALVE VAULT, VFDS, BYPASS CHAMBER AND CONTROL CABINET | MICHELLE JACKSON MAYOR & COUNCIL OF EAST NEW MARKET <i>System Size = Small</i> Dorchester County | 37 1 | 02-13-04-04 <i>NPDES #</i> MD0055352 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 03/01/2023 <i>Construction</i> 09/01/2023 04/30/2024 | 1,883,162 | 1,883,162 <u>Loan \$</u> 1,883,162 LOAN INTEREST | IVB = 1,883,162 |
| 50 30 | REGION I - UNIONVILLE, TUNIS MILLS & COPPERVILLE GRINDER PUMP REPLACEMENT CW0065 Ben.Pop= 500 | PROBLEM: FAILING GRINDER PUMPS THROUGHOUT SYSTEM ~200 PROJECT: P/D/C REPLACEMENT OF ~200 GRINDER PUMPS | RAY CLARKE, P.E. TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County | 37B 1 | 02-13-05-02 <i>NPDES #</i> MD0023604 | W/S: Y PFA: 2 PUBLIC SMALL DISADV. | <i>Design</i> 01/01/2022 <i>Construction</i> 06/01/2023 12/31/2023 | 800,000 | 800,000 <u>Loan \$</u> 800,000 LOAN INTEREST | IIIB = 800,000 |

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- | | | | | |
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| Rank/ Points | Project Title/ Number/ Population | Project Description | Applicant Name/ County | Leg/Cong District | River Basin NPDES # | Project Details | Milestone Dates | Total Cost <i>Green Cost</i> | MDE Requested Funding | Cost By Needs Category |
|-----------------|--|--|--|----------------------|--|---|--|---------------------------------|---|---------------------------|
| 51 30 | TOWN OF QUEENSTOWN SEWER SYSTEM REPLACEMENT CW0052 Ben.Pop= 875 | PROBLEM: AGING COLLECTION SYSTEM; EXCESSIVE I&I PROJECT: P/D/C REPLACEMENT OF 22,000 LF OF 8"-10" GRAVITY SEWER | ROBERT D. RAUCH COMMISSIONERS OF QUEENSTOWN, MD <i>System Size = Small</i> Queen Anne's County | 36 1 | 02-13-05-05 <i>NPDES #</i> MD0023370 | W/S: Y PFA: Y PUBLIC SMALL | <i>Design</i> 07/01/2022 <i>Construction</i> 03/01/2023 04/30/2024 | 7,765,000 | 7,765,000 <i>Loan \$</i> 7,765,000 LOAN INTEREST | IIIB = 7,765,000 |
| 52 30 | REGION V - TILGHMAN SEWER COLLECTION SYSTEM IMPROVEMENTS CW0069 Ben.Pop= 1,700 | PROBLEM: I&I ; FAILURE OF GRAVITY SEWER LINES; BROKEN CLEANOUTS, OFF-SET JOINTS, LEAKING PIPE & MANHOLE JOINTS, FRAMES & COVERS PROJECT: P/D/C IMPROVEMENT/REHAB TO SEWER COLLECTION SYSTEM INC CLEANING SEWER LINES, INSPECT PIPES, LATERALS, MANHOLES | RAY CLARKE, P.E. TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County | 37B 1 | 02-13-04-03 <i>NPDES #</i> MD0059463 | W/S: Y PFA: 2 PUBLIC SMALL DISADV. | <i>Design</i> 09/01/2022 <i>Construction</i> 03/01/2023 03/31/2024 | 1,500,000 | 1,500,000 <i>Loan \$</i> 1,500,000 LOAN INTEREST | I = 1,500,000 |
| 53 30 | FEDERALSBURG MARINA PARK & EAST CENTRAL AVE PUMPING STATION REPLACEMENTS CW0064 Ben.Pop= 2,800 | PROBLEM: AGING GRAVITY SEWER SYSTEM PROJECT: /D/C RENOVATE PUMPING STATIONS TO INCLUDE REPLACEMENT OF PUMPS, HEADWORKS, COMMUNOTOR, GENERATOR & INSTRUMENTATION | LAWRENCE DIRE MAYOR & COUNCIL OF THE TOWN OF FEDERALSBURG <i>System Size = Small</i> Caroline County | 36 1 | 02-13-03-06 <i>NPDES #</i> MD0020249 | W/S: Y PFA: Y PUBLIC PRIVATE SMALL DISADV. | <i>Design</i> 09/01/2022 <i>Construction</i> 07/01/2023 04/30/2024 | 2,215,550 | 2,215,550 <i>Loan \$</i> 2,215,550 LOAN INTEREST | IVB = 2,215,550 |
| 54 30 | CITY OF ROCKVILLE ORANGEBURG LATERAL REPLACEMENT PROJECT CW0077 Ben.Pop= 4,000 | PROBLEM: DECAYED/COLLAPSED PITCH-FIBER PIPE IN WASTEWATER COLLECTION SYS CAUSING GROUND SURFACE & STORM DRAIN DISCHARGE & HOME BACKUPS PROJECT: CONSTRUCT REPLACEMENT OF 119,856 LF OF 4" BIODEGRADING ORANGEBURG LATERALS WITH PVC PIPE | HEATHER GEWANDTER CITY OF ROCKVILLE <i>System Size = Large</i> Montgomery County | 17 8 | 02-14-02-06 <i>NPDES #</i> DC0021199 | W/S: Y PFA: Y PUBLIC SMALL | <i>Design</i> 12/01/2021 <i>Construction</i> 12/01/2023 12/31/2025 | 3,000,000 | 2,625,000 LOAN UNWANTED | IIIB = 3,000,000 |
| 55 30 | LEONARDTOWN WASTEWATER TREATMENT PLANT EXPANSION CW0054 Ben.Pop= 8,450 | PROBLEM: INCREASED FLOOD LEVELS DURING RECENT STORM EVENTS PLACING PLANT INFRASTRUCTURE AT RISK PROJECT: P/D/C UPGRADE & EXPAND WWTP W/ SW & FLOOD MITIGATION UPGRADES, EXPAND EMERGENCY STORAGE & WASTE SLUDGE HOLDING TANKS | LASCHELLE MCKAY THE COMMISSIONERS OF LEONARDTOWN St. Mary's County | 29A 5 | 02-14-01-04 <i>NPDES #</i> MD0024767 | W/S: E PFA: E PUBLIC SMALL | <i>Design</i> 04/01/2020 <i>Construction</i> 07/01/2022 12/31/2023 | 739,800 | 739,800 LOAN UNWANTED | O = 739,800 |

NEEDS CATEGORY DEFINITIONS:

- | | | | | |
|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
| I. Secondary Treatment | IVA. New Collector Sewer | VIA. SW Conveyance Infrastructure | VIIJ. NPS: Sanitary Landfills | W. Water Conservation |
| II. Advanced Treatment | IVB. New Interceptor Sewer | VIB. SW Treatment Systems | VIIK. NPS: Hydromodification | O. Other |
| IIIA. I/I Correction | VA. CSO Correction - Traditional | VIC. Green Infrastructure | VIII. Decentralized | |
| IIIB. Major Sewer Rehab | VB. CSO Correction - Green | VID. General SW Management | E. Energy 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
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| Rank/ Points | Project Title/ Number/ Population | Project Description | Applicant Name/ County | Leg/Cong District | River Basin NPDES # | Project Details | Milestone Dates | Total Cost <i>Green Cost</i> | MDE Requested Funding | Cost By Needs Category |
|-----------------|--|---|--|----------------------|--|--|--|---------------------------------|---|---------------------------|
| 56 30 | BRUNSWICK WASTE WATER TREATMENT PLANT UPGRADE - PHASE 1-2 CW0002 Ben.Pop= 20,500 | PROBLEM: SLUDGE HANDLING INFRASTRUCTURE BEYOND USEFUL LIFE PROJECT: REPLACE SLUDGE REMOVAL INFRASTRUCTURE OF WWTP | DAVID DUNN CITY OF BRUNSWICK, MD <i>System Size = Small</i> Frederick County | 4 6 | 02-04-03-01 | W/S: Y PFA: Y PUBLIC SMALL | <i>Design</i> 06/01/2022 <i>Construction</i> 06/01/2022 04/30/2023 | 6,000,000 | 6,000,000 LOAN UNWANTED | II = 6,000,000 |
| 57 30 | PUMPKIN HILL WWPS & FM CW0057 Ben.Pop= 56,093 | PROBLEM: PUMPS HAVE REACHED END OF USEFUL LIFE; FORCE MAINS HAVE REACHED ANTICIPATED LIFE EXPECTANCY PROJECT: P/D/C MODIFICATIONS TO WWPS & REPLACEMENT OF FORCE MAIN; REHAB WILL REPLACE BOTH PUMPS | THEON GROJEAN WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Prince George's County | 23A 4&5 | 02-14-02-05 <i>NPDES #</i> MD0021725 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 10/01/2021 <i>Construction</i> 10/01/2023 04/30/2025 | 4,358,000 | 4,358,000 <u>Loan \$</u> 4,358,000 LOAN INTEREST | IIIB = 4,358,000 |
| 58 30 | CITY OF ROCKVILLE WASTEWATER COLLECTION SYSTEM REHABILITATION PROJECT CW0076 Ben.Pop= 72,000 | PROBLEM: AGING WASTEWATER COLLECTION SYSTEM, I&I, SANITARY SEWER OVERFLOWS AND BASEMENT BACKUPS PROJECT: CONSTRUCT NINE MILES OF PIPE REHABILITATION (CIPP/POINT REPAIRS) OR REPLACEMENT AS NEEDED | HEATHER GEWANDTER CITY OF ROCKVILLE <i>System Size = Large</i> Montgomery County | 17 8 | 02-14-02-06 <i>NPDES #</i> DC0021199 | W/S: Y PFA: Y PUBLIC LARGE | <i>Design</i> 12/01/2021 <i>Construction</i> 07/01/2023 07/31/2025 | 3,000,000 | 2,625,000 LOAN UNWANTED | IIIB = 3,000,000 |
| 59 30 | SC-1004 GWYNNNS FALLS SEWERSHED INFLOW AND INFILTRATION REDUCTION - PROJECT 01 CW0009 | PROBLEM: HIGH INFLOW & INFILTRATION IN SIX METERED BASINS; MODIFIED CONSENT DECREE PROJECT: CONSTRUCT REHAB OF 15.84 MILES OF SANITARY SEWER PIPE USING CIPP & POINT REPAIRS; REHAB 820 MANHOLES, VARIOUS METHODS | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | REG 7 | 02-13-09-01 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2020 <i>Construction</i> 11/01/2022 02/28/2025 | 21,671,398 | 7,598,760 <u>Loan \$</u> 7,598,760 LOAN INTEREST | IIIA = 21,671,398 |
| 60 30 | SC-1005 HERRING RUN SEWERSHED INFLOW AND INFILTRATION REDUCTION - PROJECT 01 CW0010 | PROBLEM: HIGH INFLOW & INFILTRATION IN TEN METERED BASINS; MODIFIED CONSENT DECREE PROJECT: CONSTRUCT REHAB OF ~32.5 MILES OF SANITARY SEWER PIPE USING CIPP METHOD AND POINT REPAIRS ALONG WITH ~1,193 SEWER MANHOLES | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | REG 3,7 | 02-13-09-01 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2020 <i>Construction</i> 11/01/2022 02/28/2025 | 25,940,919 | 12,215,636 <u>Loan \$</u> 12,215,636 LOAN INTEREST | IIIA = 25,940,919 |

NEEDS CATEGORY DEFINITIONS:

- | | | | | |
|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
| I. Secondary Treatment | IVA. New Collector Sewer | VIA. SW Conveyance Infrastructure | VIIJ. NPS: Sanitary Landfills | W. Water Conservation |
| II. Advanced Treatment | IVB. New Interceptor Sewer | VIB. SW Treatment Systems | VIIK. NPS: Hydromodification | O. Other |
| IIIA. I/I Correction | VA. CSO Correction - Traditional | VIC. Green Infrastructure | VIII. Decentralized | |
| IIIB. Major Sewer Rehab | VB. CSO Correction - Green | VID. General SW Management | E. Energy Conservation | |

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|-----------------|---|--|---|----------------------|--|--|--|---------------------------------|---|---------------------------|
| 61 30 | SC-1006 HERRING RUN SEWERSHED INFLOW & INFILTRATION REDUCTION - PROJECT 02 CW0011 | PROBLEM: HIGH INFLOW & INFILTRATION IN NINE METERED BASINS; MODIFIED CONSENT DECREE PROJECT: CONSTRUCT REHAB OF 33.32 MILES OF SANITARY SEWER PIPE USING CIPP & POINT REPAIRS; REHAB 1,119 MANHOLES, VARIOUS METHODS | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | 45 3 | 02-13-09-01 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2020 <i>Construction</i> 11/01/2022 02/28/2025 | 26,672,764 | 9,706,427 <u>Loan \$</u> 9,706,427 LOAN INTEREST | IIIA = 26,672,764 |
| 62 30 | SC-1007 HERRING RUN SEWERSHED INFLOW & INFILTRATION REDUCTION - PROJECT 03 CW0012 | PROBLEM: HIGH INFLOW & INFILTRATION IN THREE METERED BASINS; MODIFIED CONSENT DECREE PROJECT: CONSTRUCT REHAB OF 8 MILES OF SANITARY SEWER PIPE USING CIPP & POINT REPAIRS; REHAB 231 MANHOLES, VARIOUS METHODS | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | 45 2 | 02-13-09-01 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2020 <i>Construction</i> 11/01/2022 02/28/2025 | 6,559,189 | 2,374,491 <u>Loan \$</u> 2,374,491 LOAN INTEREST | IIIA = 6,559,189 |
| 63 30 | SC-1011 LOW LEVEL SEWERSHED INFLOW & INFILTRATION REDUCTION - PROJECT 04 CW0013 | PROBLEM: HIGH INFLOW & INFILTRATION IN EIGHT METERED BASINS; MODIFIED CONSENT DECREE JFM-02-1524 PROJECT: CONSTRUCT REHAB OF ~31 MILES OF SANITARY SEWER PIPE USING CIPP METHOD & POINT REPAIRS; REHAB 1,111 MANHOLES, VARIOUS METHODS | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | REG 3,7 | 02-13-09-03 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2020 <i>Construction</i> 12/01/2023 11/30/2025 | 14,917,351 | 10,980,005 <u>Loan \$</u> 10,980,005 LOAN INTEREST | IIIA = 14,917,351 |
| 64 30 | SC-1013 HIGH LEVEL SEWERSHED INFLOW & INFILTRATION REDUCTION - PROJECT 01 CW0014 | PROBLEM: HIGH INFLOW & INFILTRATION IN FIVE METERED BASINS; MODIFIED CONSENT DECREE JFM-02-1524 PROJECT: CONSTRUCT REHAB OF ~22 MILES OF SANITARY SEWER PIPE USING CIPP METHOD & POINT REPAIRS; REHAB ~860 MANHOLES, VARIOUS METHODS | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | REG 7 | 02-13-09-05 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2020 <i>Construction</i> 12/01/2023 11/30/2025 | 22,337,220 | 16,916,298 <u>Loan \$</u> 16,916,298 LOAN INTEREST | IIIA = 22,337,220 |
| 65 25 | TOWN OF HANCOCK WASTEWATER SYSTEM PROJECT - COLLECTION SYSTEM REHAB CW0075 Ben.Pop= 4,100 | PROBLEM: I&I MAKES UP TO 30% OF FLOW TO WWTP; COLLECTION SYSTEM IN POOR CONDITION; FAILURES DUE TO AGE & HYDROGEN SULFIDE PROJECT: D/C REHAB INC. SEWER LINE, FORCE MAIN & MANHOLE REPLACEMENT; MANHOLE LINING/POINT REPAIRS AND NON-SEWER CONNECTION REMOVAL | TIM SMITH TOWN OF HANCOCK <i>System Size = Small</i> Washington County | 1C 6 | 02-14-05-07 <i>NPDES #</i> MD0024562 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 04/01/2022 <i>Construction</i> 04/01/2023 04/30/2024 | 13,057,000 | 12,913,700 <u>Loan \$</u> 12,913,700 LOAN INTEREST | IIIA = 13,057,000 |

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

VIIJ. NPS: Sanitary Landfills
VIK. NPS: Hydromodification
VIIL. Decentralized
E. Energy Conservation

W. Water Conservation
O. Other

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Maryland FINAL Project Priority List for Federal FY2022 & State FY2024

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Clean Water Funds (State Revolving Loan/ State Grant)

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| Rank/ Points | Project Title/ Number/ Population | Project Description | Applicant Name/ County | Leg/Cong District | River Basin NPDES # | Project Details | Milestone Dates | Total Cost <i>Green Cost</i> | MDE Requested Funding | Cost By Needs Category |
|-----------------|--|---|--|----------------------|--|--|--|---------------------------------|---|---------------------------|
| 66 25 | HAGERSTOWN WASTEWATER COLLECTION REHABILITATION PHASE 1C CW0041 Ben.Pop= 25,000 | PROBLEM: VITRIFIED CLAY PIPES INSTALLED IN THE 1950'S CRACKED/LEAKING; I&I PROJECT: CIPP LINING TO REPAIR 16,000 LF OF 8-15 INCH MAINS | JOSEPH MOSS CITY OF HAGERSTOWN <i>System Size = Large</i> Washington County | 2C 6 | 02-14-05-02 <i>NPDES #</i> MD0021776 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 05/01/2021 <i>Construction</i> 10/01/2022 04/30/2023 | 2,400,000 | 2,400,000 <i>Loan \$</i> 2,400,000 LOAN INTEREST | IIIA = 2,400,000 |
| 67 20 | EAST A STREET SEWER SYSTEM REHABILITATION-BRUNSWICK CW0001 Ben.Pop= 55 | PROBLEM: FREQUENT SEWER LEAKS AND BACKUPS. MAJOR SOURCE OF I&I. SEWER LEAKS HAVE HIGH PROBABILITY CONTAMINATING STORM WATER SYSTEM. PROJECT: REPLACE SEWER INFRASTRUCTURE IN FIRST UNIT BLOCK OF EAST A ST. | DAVID DUNN CITY OF BRUNSWICK, MD <i>System Size = Small</i> Frederick County | 4 6 | 02-04-03-01 | W/S: Y PFA: Y PUBLIC SMALL | <i>Design</i> 06/01/2022 <i>Construction</i> 08/01/2023 04/30/2024 | 225,000 | 112,500 LOAN UNWANTED | IIIB = 225,000 |
| 68 20 | BROAD STREET PUMP STATION UPGRADES CW0058 Ben.Pop= 303 | PROBLEM: AGING PUMP STATION FAILING; LIMITED MONITORING CAPABILITIES PROJECT: D/C REPLACEMENT OF BROAD ST PUMP STATION W/NEW WET WELL, PUMPS, CONTROLS, SCADA GENERATOR & APPURTENANCES | JEFF FLEETWOOD TOWN OF BERLIN <i>System Size = Small</i> Worcester County | 38C 1 | 02-13-01-05 <i>NPDES #</i> MD2864X91 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 05/01/2022 <i>Construction</i> 04/01/2023 10/31/2023 | 864,000 | 864,000 <i>Loan \$</i> 864,000 LOAN INTEREST | IVB = 864,000 |
| 69 20 | REPAIR PORT DEPOSIT INFLOW & INFILTRATION CW0047 Ben.Pop= 650 | PROBLEM: EXCESSIVE I&I; STRUCTURAL DEFECTS THROUGHOUT SYSTEM PROJECT: D/C REPAIR/ADJUST I&I PRONE CLEANOUTS INC LINING. SEWER MAIN REPAIR & REPLACEMENT, GROUTING MANHOLES, REMOVE STORM SEWER CONN | PHILIP MUZIK CECIL COUNTY <i>System Size = Large</i> Cecil County | 35A 1 | 02-12-02-01 <i>NPDES #</i> MD0020796 | W/S: Y PFA: Y PUBLIC LARGE | <i>Design</i> 07/01/2021 <i>Construction</i> 07/01/2023 07/31/2024 | 1,050,000 | 1,050,000 <i>Loan \$</i> 1,050,000 LOAN INTEREST | IIIA = 1,050,000 |
| 70 20 | REPLACEMENT OF WATER & WASTEWATER EMERGENCY GENERATOR - MARTINGHAM CW0072 Ben.Pop= 900 | PROBLEM: EMERGENCY GENERATOR HAS EXCEEDED USEFUL LIFE PROJECT: P/D/C REPLACEMENT OF EMERGENCY GENERATOR | RAY CLARKE, P.E. TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County | 37B 1 | 12-13-05-02 <i>NPDES #</i> MD0023604 | W/S: Y PFA: 2 PUBLIC SMALL DISADV. | <i>Design</i> 09/01/2021 <i>Construction</i> 07/01/2023 12/31/2023 | 340,000 | 340,000 <i>Loan \$</i> 340,000 LOAN INTEREST | O = 340,000 |

NEEDS CATEGORY DEFINITIONS:

- | | | | | |
|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
| I. Secondary Treatment | IVA. New Collector Sewer | VIA. SW Conveyance Infrastructure | VIIJ. NPS: Sanitary Landfills | W. Water Conservation |
| II. Advanced Treatment | IVB. New Interceptor Sewer | VIB. SW Treatment Systems | VIIK. NPS: Hydromodification | O. Other |
| IIIA. I/I Correction | VA. CSO Correction - Traditional | VIC. Green Infrastructure | VIII. Decentralized | |
| IIIB. Major Sewer Rehab | VB. CSO Correction - Green | VID. General SW Management | E. Energy Conservation | |

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|-----------------|---|--|--|----------------------|--|--|--|---|---|---------------------------|
| 71 20 | UNION BRIDGE I&I REDUCTION IN SEWERAGE COLLECTION SYSTEM CW0074 Ben.Pop= 1,000 | PROBLEM: AN ESTIMATED 29% OF FLOWS TO TREATMENT PLANT ARE ATTRIBUTED TO INFLOW AND INFILTRATION PROJECT: P/D/C FURTHER I&I STUDY AND REPAIR/REPLACE/LINE 27,000 LF OF 8-10 INCH SEWER PIPE AND MANHOLE REPAIR | MIKE REYNOLDS TOWN OF UNION BRIDGE <i>System Size = Small</i> Carroll County | 4B 6 | 02-14-03-03 <i>NPDES #</i> MD0022454 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 04/01/2022 <i>Construction</i> 12/01/2023 12/31/2024 | 6,754,300 | 6,677,000 <i>Loan \$</i> 6,677,000 LOAN INTEREST | IIIA = 6,754,300 |
| 72 20 | STORMDRAIN PROJECT AT HERITAGE DRIVE CW0037 Ben.Pop= 2,275 | PROBLEM: UNDERSIZED AND DATED STORMDRAIN SYSTEM CAUSING FLOODING IN YARDS AND BASEMENTS PROJECT: ADD 1700 LF OF 12-36 INCH UNDERGROUND STORMDRAINS; BIORETENTION AND GRASS SWALES | DONALD SINCELL TOWN OF MOUNTAIN LAKE PARK <i>System Size = Small</i> Garrett County | 1A 6 | 05-02-02-02 | W/S: E PFA: E PUBLIC SMALL DISADV. | <i>Design</i> 09/01/2007 <i>Construction</i> 09/01/2022 12/31/2023 | 1,143,038 <i>Green \$</i> 121,500 | 1,129,229 LOAN UNWANTED | VIB = 1,143,038 |
| 73 20 | REGION I, II & MARTINGHAM - SANITARY SEWER OVERFLOW SENSORS CW0066 Ben.Pop= 3,250 | PROBLEM: EXCESSIVE SANITARY SEWER OVERFLOWS PROJECT: P/D/C INSTALL~350 PRESSURE & VACUUM SENSORS W/IN VALVE VAULTS; INCORPORATE ALL SENSORS INTO SCADA SYSTEM; VALVE VAULT UPGRADE | RAY CLARKE, P.E. TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County | 37B 1 | 02-13-05-02 <i>NPDES #</i> MD0023604 | W/S: Y PFA: 2 PUBLIC SMALL DISADV. | <i>Design</i> 01/01/2022 <i>Construction</i> 04/01/2023 12/31/2023 | 770,000 | 770,000 <i>Loan \$</i> 770,000 LOAN INTEREST | IIIB = 770,000 |
| 74 20 | DELMAR SEWER REPLACEMENT PROJECT - PHASE 2 CW0060 Ben.Pop= 5,940 | PROBLEM: AGING GRAVITY SEWER MAINS; I&I WITH EXCESS FLOW TO DELMAR WWTP PROJECT: D/C REPLACE OR LINE 3,200 LF OF 8'-10' MAINS | SARA BYNUM-KING TOWN OF DELMAR <i>System Size = Small</i> Wicomico County | 38B 1 | 02-13-03-04 <i>NPDES #</i> MD0020532 | W/S: Y PFA: Y Compliance PUBLIC SMALL DISADV. | <i>Design</i> 06/01/2022 <i>Construction</i> 06/01/2023 02/28/2024 | 1,413,427 | 1,413,427 <i>Loan \$</i> 1,413,427 LOAN INTEREST | IIIA = 1,413,427 |
| 75 20 | NORTH BRANCH WWTP CLARIFIER CW0032 Ben.Pop= 6,900 | PROBLEM: PLANT HAS 30 YEAR OLD FAILING STEEL CLARIFIER ALLOWS SOLIDS LOSS PROJECT: REPLACE WITH NEW CONCRETE CLARIFIER | JAMES WEBBER ALLEGANY COUNTY COMMISSIONERS <i>System Size = Small</i> Allegany County | 1B 6 | 02-14-10-01 <i>NPDES #</i> MD0063878 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 03/01/2022 <i>Construction</i> 09/01/2022 08/31/2023 | 1,750,000 | 1,750,000 <i>Loan \$</i> 1,750,000 LOAN INTEREST | I = 1,750,000 |

NEEDS CATEGORY DEFINITIONS:

- | | | | | |
|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
| I. Secondary Treatment | IVA. New Collector Sewer | VIA. SW Conveyance Infrastructure | VIIJ. NPS: Sanitary Landfills | W. Water Conservation |
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| Rank/ Points | Project Title/ Number/ Population | Project Description | Applicant Name/ County | Leg/Cong District | River Basin NPDES # | Project Details | Milestone Dates | Total Cost <i>Green Cost</i> | MDE Requested Funding | Cost By Needs Category |
|-----------------|---|---|--|----------------------|--|--|--|---------------------------------|---|---------------------------|
| 76 20 | SC-1018 PATAPSCO SLUDGE BLENDING TANK CONCRETE REHABILITATION CW0017 Ben.Pop= 945,000 | PROBLEM: CONCRETE ASSOCIATED WITH THE SLUDGE BLENDING TANKS IS DETERIORATING AND MUST BE REHABBED TO MAINTAIN SAFE/RELIABLE SERVICE PROJECT: CONSTRUCT REPAIR/REHAB OF THE DETERIORATED CONCRETE AT THE PATAPSCO WWTP SLUDGE BLENDING TANKS | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | 46 2 | 02-13-09-03 <i>NPDES #</i> MD0021601 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 02/01/2021 <i>Construction</i> 07/01/2023 07/31/2025 | 8,110,513 | 1,679,616 <u>Loan \$</u> 1,679,616 LOAN INTEREST | 0 = 8,110,513 |
| 77 20 | SC-1018 PATAPSCO SLUDGE BLENDING TANK CONCRETE REHABILITATION CW0082 Ben.Pop= 945,000 | PROBLEM: CONCRETE ASSOCIATED WITH THE SLUDGE BLENDING TANKS IS DETERIORATING AND MUST BE REHABBED TO MAINTAIN SAFE/RELIABLE SERVICE PROJECT: CONSTRUCT REPAIR/REHAB OF THE DETERIORATED CONCRETE AT THE PATAPSCO WWTP SLUDGE BLENDING TANKS | ROBERT BURROS BALTIMORE COUNTY, MARYLAND <i>System Size = Large</i> Baltimore County | 46 2 | 02-13-09-03 <i>NPDES #</i> MD0021601 | W/S: Y PFA: Y PUBLIC LARGE | <i>Design</i> 02/01/2021 <i>Construction</i> 07/01/2023 07/31/2025 | 0 | 5,515,149 <u>Loan \$</u> 5,515,149 LOAN INTEREST | |
| 78 20 | SC-1031 QUAD AVENUE PUMPING STATION REHABILITATION CW0018 Ben.Pop= 945,000 | PROBLEM: PUMP STATION MUST BE REHABILITATED TO MAINTAIN SAFE/RELIABLE SERVICE TO WASTEWATER COLLECTION SYSTEM PROJECT: CONSTRUCT REPAIR/REPLACE/REHABILITATE EQUIPMENT AND SYSTEMS OF THE EXISTING WASTEWATER PUMPING STATION | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | 45 1 | 02-13-09-01 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 06/01/2022 <i>Construction</i> 08/01/2023 08/31/2024 | 4,687,200 | 3,149,280 <u>Loan \$</u> 3,149,280 LOAN INTEREST | 0 = 4,687,200 |
| 79 20 | SC-982 EASTERN AVENUE PUMPING STATION REHABILITATION CW0007 Ben.Pop= 945,000 | PROBLEM: PUMP STATION BUILT IN 1912; MUST BE REHABILITATED TO MAINTAIN SAFE/RELIABLE SERVICE TO WASTEWATER COLLECTION SYSTEM PROJECT: CONSTRUCT REPAIR/REPLACE/REHABILITATE EQUIPMENT AND SYSTEMS OF THE EXISTING WASTEWATER PUMPING STATION | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | 46 2 | 02-13-09-03 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 05/01/2018 <i>Construction</i> 12/01/2022 12/31/2024 | 25,486,985 | 19,295,985 <u>Loan \$</u> 19,295,985 LOAN INTEREST | IIIB = 25,486,985 |
| 80 20 | SC-982 EASTERN AVENUE PUMPING STATION REHABILITATION CW0080 Ben.Pop= 945,000 | PROBLEM: PUMP STATION BUILT IN 1912; MUST BE REHABILITATED TO MAINTAIN SAFE/RELIABLE SERVICE TO WASTEWATER COLLECTION SYSTEM PROJECT: CONSTRUCT REPAIR/REPLACE/REHABILITATE EQUIPMENT AND SYSTEMS OF THE EXISTING WASTEWATER PUMPING STATION | ROBERT BURROS BALTIMORE COUNTY, MARYLAND <i>System Size = Large</i> Baltimore County | 46 2 | 12-13-09-03 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y PUBLIC LARGE | <i>Design</i> 05/01/2018 <i>Construction</i> 12/01/2022 12/31/2024 | 0 | 254,870 <u>Loan \$</u> 254,870 LOAN INTEREST | |

NEEDS CATEGORY DEFINITIONS:

- | | | | | |
|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
| I. Secondary Treatment | IVA. New Collector Sewer | VIA. SW Conveyance Infrastructure | VIIJ. NPS: Sanitary Landfills | W. Water Conservation |
| II. Advanced Treatment | IVB. New Interceptor Sewer | VIB. SW Treatment Systems | VIIK. NPS: Hydromodification | O. Other |
| IIIA. I/I Correction | VA. CSO Correction - Traditional | VIC. Green Infrastructure | VIII. Decentralized | |
| IIIB. Major Sewer Rehab | VB. CSO Correction - Green | VID. General SW Management | E. Energy Conservation | |

PFA (Priority Funding Area) Codes:

- PFA: 1 = Categorical Exclusion
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Clean Water Funds (State Revolving Loan/ State Grant)

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| Rank/ Points | Project Title/ Number/ Population | Project Description | Applicant Name/ County | Leg/Cong District | River Basin NPDES # | Project Details | Milestone Dates | Total Cost <i>Green Cost</i> | MDE Requested Funding | Cost By Needs Category |
|-----------------|--|--|---|----------------------|--|--|--|---------------------------------|---|---------------------------|
| 81 20 | SC-994 PATAPSCO WWTP CLARIFIERS AND THICKENERS REHABILITATION CW0008 Ben.Pop= 945,000 | PROBLEM: SECONDARY CLARIFIERS AND GRAVITY SLUDGE THICKENERS ARE DETERIORATED; REHAB NEEDED IN ORDER TO MAINTAIN SAFE/RELIABLE SERVICE PROJECT: CONSTRUCT REHAB/REPAIR OF EIGHT SECONDARY CLARIFIERS & THREE GRAVITY SLUDGE THICKENERS ALONG WITH CATWALKS & WEIR STRUCTURES | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | 46 2 | 02-13-09-03 <i>NPDES #</i> MD0021601 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 03/01/2022 <i>Construction</i> 08/01/2023 08/31/2026 | 56,635,200 | 12,765,082 <i>Loan \$</i> 12,765,082 LOAN INTEREST | 0 = 56,635,200 |
| 82 20 | SC-994 PATAPSCO WWTP CLARIFIERS AND THICKENERS REHABILITATION CW0081 Ben.Pop= 945,000 | PROBLEM: SECONDARY CLARIFIERS AND GRAVITY SLUDGE THICKENERS ARE DETERIORATED; REHAB NEEDED IN ORDER TO MAINTAIN SAFE/RELIABLE SERVICE PROJECT: CONSTRUCT REHAB/REPAIR OF EIGHT SECONDARY CLARIFIERS & THREE GRAVITY SLUDGE THICKENERS ALONG WITH CATWALKS & WEIR STRUCTURES | ROBERT BURROS BALTIMORE COUNTY, MARYLAND <i>System Size = Large</i> Baltimore County | 46 2 | 02-13-09-03 <i>NPDES #</i> MD0021601 | W/S: Y PFA: Y PUBLIC LARGE | <i>Design</i> 03/01/2022 <i>Construction</i> 08/01/2023 08/31/2026 | 0 | 38,511,936 <i>Loan \$</i> 38,511,936 LOAN INTEREST | |
| 83 20 | SHARPTOWN SEWER COLLECTION SYSTEM I&I REMEDIATION CW0062 | PROBLEM: I&I CAUSES FLOW TO EXCEED 500% OF THE DESIGN CAPACITY OF WWTP DURING WET WEATHER PROJECT: D/C REPAIR OR REPLACE 9,750 LF OF MAINS USING TRENCHLESS METHODS | P. DOUGLAS GOSNELL TOWN OF SHARPTOWN <i>System Size = Small</i> Wicomico County | 37B 1 | 02-13-01-05 <i>NPDES #</i> MD0052175 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 08/01/2022 <i>Construction</i> 11/01/2023 06/30/2024 | 1,243,000 | 1,243,000 <i>Loan \$</i> 1,243,000 LOAN INTEREST | IIIA = 1,243,000 |
| 84 10 | FUNKSTOWN INFLOW AND INFILTRATION MITIGATION CW0043 Ben.Pop= 550 | PROBLEM: I&I INCREASED DAILY FLOW FROM 32,000 TO 180,000 GPD PROJECT: LINE 1100 LF OF 8 INCH MAINS IN THE DRAINAGE AREA NEAR PUMP STATION #3 | BRENDA HAYNES TOWN OF FUNKSTOWN <i>System Size = Small</i> Washington County | 2A 06 | 02-14-05-02 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 07/01/2022 <i>Construction</i> 12/01/2022 06/30/2023 | 225,000 | 225,000 <i>Loan \$</i> 225,000 LOAN INTEREST | IIIA = 225,000 |
| 85 10 | SEWER IMPROVEMENT PROJECT PHASE 1 (SALISBURY, VERMONT, COMMERCE STREETS) CW0044 Ben.Pop= 3,200 | PROBLEM: CRACKED/LEAKING VITRIFIED CLAY PIPE CONTRIBUTING TO I&I, INCREASED TREATMENT COSTS PROJECT: LINE/REPLACE 1100 LF OF SEWER MAINS | WILLIAM GREEN TOWN OF WILLIAMSPORT <i>System Size = Small</i> Washington County | 1B 6 | 02-14-05-04 <i>NPDES #</i> MD0063509 | W/S: Y PFA: Y PUBLIC SMALL DISADV. | <i>Design</i> 08/01/2022 <i>Construction</i> 10/01/2022 01/31/2023 | 1,154,400 | 1,138,800 <i>Loan \$</i> 1,138,800 LOAN INTEREST | IIIB = 1,154,400 |

NEEDS CATEGORY DEFINITIONS:

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|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
| I. Secondary Treatment | IVA. New Collector Sewer | VIA. SW Conveyance Infrastructure | VIIJ. NPS: Sanitary Landfills | W. Water Conservation |
| II. Advanced Treatment | IVB. New Interceptor Sewer | VIB. SW Treatment Systems | VIIK. NPS: Hydromodification | O. Other |
| IIIA. I/I Correction | VA. CSO Correction - Traditional | VIC. Green Infrastructure | VIII. Decentralized | |
| IIIB. Major Sewer Rehab | VB. CSO Correction - Green | VID. General SW Management | E. Energy Conservation | |

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| Rank/ Points | Project Title/ Number/ Population | Project Description | Applicant Name/ County | Leg/Cong District | River Basin NPDES # | Project Details | Milestone Dates | Total Cost <i>Green Cost</i> | MDE Requested Funding | Cost By Needs Category |
|-----------------|--|--|--|----------------------|---|--|--|---------------------------------|---|---------------------------|
| 86 10 | ROCK HALL WASTEWATER PUMPING STATION #2 UPGRADE CW0079 Ben.Pop= 4,328 | PROBLEM: EXISTING PUMPS, PIPING & CONTROL SYSTEM @ END OF USEFUL LIFE; DRY WELL IS JEOPARDIZED & UNSAFE; PUMP & GENERATOR FAILURES PROJECT: P/D/C CONVERT WET/DRY WELL TO NEW SUCTION LIFT PUMP STATION; REMOVE MID-LEVEL PLATFORM; DECOMMISSION DRY WELL | ROBERT RESELE TOWN OF ROCK HALL Kent County <i>System Size = Small</i> | 36 1 | 02-13-05-05 NPDES # MD0020303 | W/S: Y PFA: 2 PUBLIC SMALL DISADV. | <i>Design</i> 10/01/2022 <i>Construction</i> 03/01/2023 09/30/2023 | 834,500 | 834,500 <u>Loan \$</u> 834,500 LOAN INTEREST | IVB = 834,500 |
| 87 10 | SMITHSBURG WATER STREET SEWER LINE REPLACEMENT PROJECT CW0020 Ben.Pop= 4,478 | PROBLEM: SEWER SYSTEM EXPERIENCING I&I; PONDING OF WATER OBSERVED DURING STORMS PROJECT: P/D/C REPL OF SEWER LINES/LATERALS & POSSIBLE SIZE INCR TO ALLOW ADDITIONAL FLOW; REPL OF STORMWATER PIPES/IMPROVE INLETS | CHAD ROONEY TOWN OF SMITHSBURG Washington County <i>System Size = Small</i> | 2A 6 | 02-14-05-02 NPDES # MD0024317 | W/S: Y PFA: Y PUBLIC SMALL | <i>Design</i> 08/01/2023 <i>Construction</i> 10/01/2023 03/31/2024 | 1,002,100 | 1,002,100 <u>Loan \$</u> 1,002,100 LOAN INTEREST | IIIB = 1,002,100 |
| 88 10 | HAGERSTOWN PUMP STATION NO. 13 RECONSTRUCTION CW0039 Ben.Pop= 25,000 | PROBLEM: OLD PS 13 REMOVED IN 2003, FLOW DIVERTED UNTIL 2023. NEED TO REBUILD PS 13 TO ACCOMMODATE RETURN OF FLOW TO CITY COLLECTION PROJECT: REBUILD PS 13, ADDRESS I&I IN DRAINAGE AREA LEADING TO PS 13 | JOSEPH MOSS CITY OF HAGERSTOWN Washington County <i>System Size = Large</i> | 2B 06 | 02-14-05-02 NPDES # MD0021776 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 05/01/2022 <i>Construction</i> 06/01/2023 06/30/2024 | 3,885,400 | 3,885,400 <u>Loan \$</u> 3,885,400 LOAN INTEREST | IVB = 3,885,400 |
| 89 10 | HAGERSTOWN PUMP STATION NO. 33 CW0040 Ben.Pop= 25,000 | PROBLEM: PS NO. 9 AT CAPACITY AND CANNOT BE UPGRADED/EXPANDED PROJECT: REDUCE OVERFLOW RISK BY REPLACING PS NO. 9 WITH NEW PS. 33; ADD GRAVITY SEWER BETWEEN THE TWO PS | JOSEPH MOSS CITY OF HAGERSTOWN Washington County <i>System Size = Large</i> | 2C 06 | 02-14-05-02 NPDES # MD0021776 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 04/01/2022 <i>Construction</i> 01/01/2023 07/31/2023 | 3,535,000 | 3,535,000 <u>Loan \$</u> 3,535,000 LOAN INTEREST | VIB = 3,535,000 |
| 90 10 | HAGERSTOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS CW0042 Ben.Pop= 25,000 | PROBLEM: AGING COMPONENTS AT HAGERSTOWN WWTP, SOME INSTALLED 50 YEARS AGO PROJECT: REPLACE MOTORIZED ENTRANCE GATES, ELECTRICAL CONTOLS, SLUDGE PUMPS, TANK MIXERS, AND SOFTWARE | JOSEPH MOSS CITY OF HAGERSTOWN Washington County <i>System Size = Large</i> | 2C 06 | 02-14-05-02 NPDES # MD0021776 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 04/01/2022 <i>Construction</i> 02/01/2023 12/31/2023 | 3,525,000 | 3,525,000 <u>Loan \$</u> 3,525,000 LOAN INTEREST | II = 3,525,000 |

NEEDS CATEGORY DEFINITIONS:

- | | | | | |
|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
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| 91 10 | SC-978 SMALL DIAMETER SEWER MAIN REPLACEMENT IN ROLAND PARK, JONES FALLS SH CW0006 Ben.Pop= 265,500 | PROBLEM: AGING SANITARY SEWER SYSTEM; INSUFFICIENT CAPACITY; SEWAGE BACKING UP INTO BASEMENTS PROJECT: CONSTRUCT REHAB/REPL 14,608 LF PIPE VARIOUS METHODS; REHAB/REPL 81 HOUSE CONN; REHAB 152 MANHOLES; REPL 130 VLF NEW SEWER MH | AARON MOORE MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City | REG 3,7 | 02-13-09-04 <i>NPDES #</i> MD0021555 | W/S: Y PFA: Y PUBLIC LARGE DISADV. | <i>Design</i> 01/01/2017 <i>Construction</i> 10/01/2022 02/29/2024 | 19,290,887 | 10,374,590 <u>Loan \$</u> 10,374,590 LOAN INTEREST | IIIB = 19,290,887 |

Totals ... \$1,319,442,151 \$1,141,835,231

NEEDS CATEGORY DEFINITIONS:

- | | | | | |
|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
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