

Maryland FINAL Project Priority List for Federal FY2020 & State FY2022

Friday, June 26, 2020

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
1 135	TOWN OF HANCOCK WASTEWATER SYSTEM PROJECT CW0101 Ben.Pop= 2,120	PROBLEM: EXISTING 0.38 MGD SECONDARY WWTP EXPERIENCES CHRONIC VIOLATIONS OF PERMIT LIMITS; CONSENT ORDER COP-15-2255 PROJECT: P/D/C ENR UPGRADE INC SITING TANKS OUT OF 100-YR FLOOD PLAIN (NO EXPANSION)	JOSEPH GILBERT TOWN OF HANCOCK <i>System Size = Small</i> Washington County	1C 6	02-14-05-01 <i>NPDES #</i> MD0024562	W/S: Y PFA: Y Compliance PUBLIC SMALL DISADV.	<i>Design</i> 06/01/2020 <i>Construction</i> 11/01/2021 09/30/2022	10,935,930	10,935,930 <u>Loan \$</u> 10,935,930 LOAN INTEREST	II = 10,935,930
2 100	ROCK HALL WWTP SYSTEM ENR UPGRADE CW0082 Ben.Pop= 4,545	PROBLEM: PLANT IS CURRENTLY OPERATING AT SECONDARY TREATMENT LEVEL PROJECT: P/D/C UPGRADE PLANT FROM SECONDARY TO ENR TREATMENT LEVEL W/NO EXPANSION	DAWN JACOBS TOWN OF ROCK HALL <i>System Size = Small</i> Kent County	36 1	02-13-05-05 <i>NPDES #</i> MD0020303	W/S: Y PFA: 2 Compliance PUBLIC SMALL DISADV.	<i>Design</i> 09/01/2020 <i>Construction</i> 09/01/2021 09/30/2022	12,096,000	12,070,000 <u>Loan \$</u> 12,070,000 LOAN INTEREST	I = 12,096,000
3 100	PERRYVILLE WWTP ENR REFINEMENTS CW0010 Ben.Pop= 7,833	PROBLEM: 1.65 MGD ENR WWTP CANNOT MEET ENR TREATMENT CONSISTENTLY PROJECT: P/D/C DENITRIFICATION FILTERS, CONTROL MODIFICATIONS, AND ANCILLARY EQUIPMENT TO PROVIDE CONSISTENT ENR TREATMENT	GEORGE H. SMITH TOWN OF PERRYVILLE <i>System Size = Small</i> Cecil County	35A 1	02-13-06-09 <i>NPDES #</i> MD0020613	W/S: Y PFA: 1 PUBLIC DISADV.	<i>Design</i> 01/01/2020 <i>Construction</i> 07/01/2021 12/31/2022	6,846,450	6,826,450 LOAN UNWANTED	II = 6,846,450
4 100	SOUTHERN KENT ISLAND (SKI) SANITARY PROJECT - PHASE 3 CW0001 Ben.Pop= 19,735	PROBLEM: FAILING SEPTIC SYSTEMS IN 9 COMMUNITIES ALONG ROUTE 8 CORRIDOR; LARGE AREA REQUIRES MULTI-PHASE APPROACH PROJECT: P/D/C NEW 30,250LF 2-6" HDPE SWR MAINS & 338 STEP UNITS TO CONNECT EXISTING HOMES/4 BUSINESSES IN KENMORR & QUEEN ANNE COLONY	ALAN QUIMBY COUNTY COMMISSIONERS OF QUEEN ANNE'S COUNTY <i>System Size = Large</i> Queen Anne's County	36 1	02-13-05-11 <i>NPDES #</i> MD0023485	W/S: Y PFA: 5 PUBLIC SMALL	<i>Design</i> 03/01/2020 <i>Construction</i> 07/01/2021 12/31/2023	14,000,000	14,000,000 <u>Loan \$</u> 14,000,000 LOAN INTEREST	IVA = 14,000,000
5 95	VALLEY PROTEINS WWTP ENR UPGRADE CW0015 Ben.Pop= 4,600	PROBLEM: EXCESSIVE NUTRIENTS TO CHESAPEAKE BAY; MORE STRINGENT NPDES LIMITS PROJECT: P/D/C ENR UPGRADE OF EXISTING 0.46 MGD WWTP; USE ~50% OF TREATED EFFLUENT FOR NON-POTABLE NEEDS AT FACILITY	ROBERT VOGLER VALLEY PROTEINS, INC <i>System Size = Small</i> Dorchester County	37B 1	02-13-03-08 <i>NPDES #</i> MD0003247	W/S: Y PFA: 1 Compliance PRIVATE SMALL	<i>Design</i> 03/01/2020 <i>Construction</i> 06/01/2021 12/31/2022	15,350,000	15,350,000 LOAN UNWANTED	II = 15,350,000

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
- VIII. NPS: Hydromodification
- VIII. Decentralized
- E. Energy Conservation

- W. Water Conservation
- O. Other

PFA (Priority Funding Area) Codes:

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6 90	CONNECT TRIUMPH INDUSTRIAL PARK TO COUNTY SANITARY SEWER CW0018 Ben.Pop= 280	PROBLEM: EXISTING 0.0625 MGD LAGOON SYSTEM HAVING DIFFICULTY MEETING PERMIT LIMITS/MAY BE CONTRIBUTING TO GROUNDWATER CONTAMINATION PROJECT: D/C NEW 0.25 MGD PUMP STATION & 3,200 LF OF 4" FORCE MAIN TO CONVEY FLOW TO NORTH EAST REG ADVANCED WWTP (ENR)	PHILIP MUZIK CECIL COUNTY GOVERNMENT <i>System Size = Small</i> Cecil County	36 1	02-13-06-05 <i>NPDES #</i> MD0052027	W/S: Y PFA: Y PUBLIC LARGE DISADV.	<i>Design</i> 05/01/2020 <i>Construction</i> 04/01/2021 12/31/2021	3,635,000	3,575,000 <u>Loan \$</u> 3,575,000 LOAN INTEREST	IVB = 3,635,000
7 90	TRAPPE WASTEWATER TREATMENT PLANT ENR UPGRADE CW0065 Ben.Pop= 1,328	PROBLEM: EXCESS NUTRIENTS TO CHESAPEAKE BAY; 02-13-04-03 WATERSHED IMPAIRED BY TN, TP, TSS, AND FECAL COLIFORM PROJECT: P/D/C UPGRADE TO EXISTING 0.2 MGD WWTP FROM SECONDARY TREATMENT TO ENR	ERIN BRABAND TOWN OF TRAPPE <i>System Size = Small</i> Talbot County	37B 1	02-13-04-03 <i>NPDES #</i> MD0020486	W/S: Y PFA: Y Compliance PUBLIC SMALL DISADV.	<i>Design</i> 06/01/2020 <i>Construction</i> 11/01/2021 05/31/2023	7,105,000	7,105,000 <u>Loan \$</u> 7,105,000 LOAN INTEREST	II = 7,105,000
8 85	ELK NECK WASTEWATER TREATMENT PLANT ENR UPGRADE CW0046 Ben.Pop= 150	PROBLEM: EFFLUENT FROM EXISTING 0.06 MGD WWTP NOT COMPATIBLE W/RECREATIONAL AND SHELLFISH HARVESTING USES AT DISCHARGE POINT PROJECT: P/D/C REPLACEMENT ENR WWTP/REPURPOSE SOME COMPONENTS; NO EXPANSION	ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE <i>System Size = Small</i> Cecil County	35A 1	02-12-02-20 <i>NPDES #</i> MD0023833	W/S: Y PFA: 1 Compliance PUBLIC	<i>Design</i> 07/01/2020 <i>Construction</i> 12/01/2021 03/31/2022	6,247,320	6,247,320 LOAN UNWANTED	II = 6,247,320
9 80	SWALLOW FALLS STATE PARK-WASTEWATER INTERCEPTOR & PUMPING STATION CW0050 Ben.Pop= 1,115	PROBLEM: EXISTING 0.062 MGD WWTP TOO LARGE; DISCHARGE FROM LAGOON TO WADING STREAM LIMITED TO OFF-SEASON; SEE ALSO CW0049/22 PROJECT: P/D/C NEW PUMP STATION; 14,100 LF 4" FORCEMAIN; CONVEY FLOW TO DEEP CREEK LAKE WWTP (BNR); CONNECT HERRINGTON MANOR STATE PRK	ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE <i>System Size = Small</i> Garrett County	1A 6	05-02-02-01 <i>NPDES #</i> MD0052850	W/S: N PFA: 1 PUBLIC	<i>Design</i> 08/01/2019 <i>Construction</i> 08/01/2021 08/31/2022	9,832,736	9,645,656 LOAN UNWANTED	IVB = 9,832,736
10 80	SMITHSBURG WWTP ENR UPGRADE CW0005 Ben.Pop= 5,158	PROBLEM: EXCESS NUTRIENTS TO CHESAPEAKE BAY; 0.33 MGD SECONDARY WWTP REACHING 80% CAPACITY PROJECT: P/D/C ENR UPGRADE AND EXPAND TO 0.45 MGD	MARK BRADSHAW WASHINGTON CO BOARD OF COMMISSIONERS <i>System Size = Small</i> Washington County	2A 6	02-14-05-02 <i>NPDES #</i> MD0024317	W/S: Y PFA: 3 Compliance PUBLIC SMALL	<i>Design</i> 08/01/2019 <i>Construction</i> 11/01/2020 05/30/2022	8,009,033	8,009,033 <u>Loan \$</u> 8,009,033 LOAN INTEREST	II = 8,009,033

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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11 80	POOLESVILLE WASTE WATER PLANT DENITRIFICATION UPGRADE CW0060 Ben.Pop= 6,200	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	SETH RIVARD TOWN OF POOLESVILLE <i>System Size = Small</i> Montgomery County	15 3	02-14-02-08 <i>NPDES #</i> MD0023001	W/S: Y PFA: 1 PUBLIC	<i>Design</i> 04/01/2018 <i>Construction</i> 04/01/2021 11/30/2022	6,458,432	6,188,672	II = 6,458,432 LOAN UNWANTED
12 75	PRINCE FREDERICK WWTP #1 UPGRADE CW0014 Ben.Pop= 10,305	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	ANDY HIPSKI CALVERT COUNTY BOARD OF COMMISSIONERS <i>System Size = Small</i> Calvert County	27C 5	02-13-11-01 <i>NPDES #</i> MD2705E05	W/S: Y PFA: 5 Compliance PUBLIC SMALL	<i>Design</i> 01/01/2020 <i>Construction</i> 11/01/2021 10/31/2023	32,257,430	28,747,000	II = 32,257,430 <u>Loan \$</u> 28,747,000 LOAN INTEREST
13 70 GREEN (G)	TOWN OF LAPLATA MS4 STORMWATER UPGRADES CW0097 DRAIN ACRES=154	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	ROBERT STAHL, JR TOWN OF LAPLATA <i>System Size = Small</i> Charles County	28 5	02-14-01-09	W/S: E PFA: E Compliance PUBLIC SMALL	<i>Design</i> 07/01/2020 <i>Construction</i> 10/01/2021 06/30/2022	363,472	213,472	VIA = 363,472 <u>Loan \$</u> 213,472 LOAN INTEREST
14 65	FROSTBURG CSO ELIMINATION PROJECT, GEORGE'S CREEK HEADWATERS INTERCEPTOR CW0068 Ben.Pop= 9,730	PROBLEM: SIGNIFICANT I&I IN FLOODPLAIN & WETLANDS; AGED & COLLAPSED SEWER PIPE CAUSING OVERFLOWS; CONSENT DECREE #01-C-00-18342L PROJECT: D/C REHAB OF 4000 LF OF 8" CLAY SEWER PIPE, ISOLATED REPAIRS & MANHOLE LINING; REPLACE/RELOCATE 500 LF DAMAGED 8" SEWER PIPE	CHRIS HOVATTER CITY OF FROSTBURG <i>System Size = Small</i> Allegany County	1A 6	02-14-10-05 <i>NPDES #</i> MD0021598	W/S: Y PFA: Y Compliance PUBLIC SMALL DISADV.	<i>Design</i> 11/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	1,121,500	981,313	IIIB = 1,121,500 <u>Loan \$</u> 981,313 LOAN INTEREST
15 65	78" PARALLEL PIPELINE FROM MILL RACE TO CSO STORAGE (PROJECT NO. 19-16-S) CW0022 Ben.Pop= 48,885	PROBLEM: COMBINED SEWER OVERFLOWS; CONSENT ORDER #01-C-00-18342L PROJECT: DESIGN/CONSTRUCT 78" PIPELINE FROM MILL RACE TO CSO STORAGE FACILITY; ~ 14,000 LF INC MANHOLE, JUNCTION & DIVERSION STRUCTURE	ROBERT SMITH MAYOR AND CITY COUNCIL OF CUMBERLAND <i>System Size = Large</i> Allegany County	6 1	02-14-10-01 <i>NPDES #</i> MD0021598	W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV.	<i>Design</i> 03/01/2019 <i>Construction</i> 06/01/2021 09/30/2022	52,957,806	52,295,312	VA = 52,957,806 <u>Loan \$</u> 52,295,312 LOAN INTEREST

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- | | | | | |
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16 65	EVITTS CREEK CSO UPGRADES PH III - GRAVITY SEWER THRU CSX RAILYARD CW0023 Ben.Pop= 48,885	PROBLEM: CSO LOCATED UNDER THE CSX RIGHT-OF-WAY REQUIRES A FULL REHABILITATION; CONSENT DECREE #01-C-00-18342L PROJECT: D/C REHAB OF 8-30" PIPING USING CIPP METHOD RATED FOR E80 RAILROAD LOADS; RE-ESTABLISHING BURIED/INACCESSIBLE MANHOLES	ROBERT SMITH MAYOR AND CITY COUNCIL OF CUMBERLAND <i>System Size = Large</i> Allegany County	6 1	02-14-10-01 <i>NPDES #</i> MD0021598	W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV.	<i>Design</i> 01/01/2021 <i>Construction</i> 11/01/2021 05/31/2023	6,907,640	5,329,609 <i>Loan \$</i> 5,329,609 LOAN INTEREST	VA = 6,907,640
17 65	MATTAWOMAN INFILTRATION & INFLOW CW0078 Ben.Pop= 66,963	PROBLEM: EXCESSIVE I&I DURING STORM EVENTS CAUSING SSOs; BASEMENT BACKUPS; OVERFLOWS FROM SEWER MANHOLES *PENDING CONSENT ORDER* PROJECT: CONSTRUCT REHAB OF APPROXIMATELY 80,000 LF OF SEWER MAIN (8-24"), MAJORITY USING CIPP METHOD; REHAB UP TO 500 MANHOLES	ALICIA AFROLIAN COUNTY COMMISSIONERS OF CHARLES COUNTY, MARYLAND <i>System Size = Large</i> Charles County	28 5	02-14-01-08 <i>NPDES #</i> MD0021865	W/S: Y PFA: 1 Compliance PUBLIC	<i>Design</i> 05/01/2014 <i>Construction</i> 12/01/2021 12/31/2026	8,370,900	7,500,000 LOAN UNWANTED	IIIA = 8,370,900
18 65 GREEN (G)	FRUITLAND TUXENTS BRANCH DRAINAGE CW0008 DRAIN ACRES=314	PROBLEM: FLOODING, EROSION, AND STRUCTURAL ISSUES W/IN EXISTING SW CONVEYANCE CHANNEL; MS4 PERMIT PROJECT: P/D/C BMP PRACTICES AND STREAM RESTORATION W/IN TUXENTS BRANCH DRAINAGE BASIN TO TREAT ~50% OF 631 DRAINAGE ACRES	JOHN PSOTA CITY OF FRUITLAND <i>System Size = Small</i> Wicomico County	38A 1	02-13-03-01	W/S: E PFA: E Compliance PUBLIC SMALL DISADV.	<i>Design</i> 07/01/2020 <i>Construction</i> 11/01/2021 11/01/2022	2,981,296 <i>Green \$</i> 832,000	2,981,296 <i>Loan \$</i> 2,981,296 LOAN INTEREST	VIA = 2,149,296 VIC = 832,000
19 60	SANITARY SEWER RECONSTRUCTION - PARKWAY SEWER BASIN PGC SECTION 5 CW0089 Ben.Pop= 55,848	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 2.75 MILES OF 6-24" DIAMETER SEWER MAIN AND 28 MANHOLES; REPAIR/REPLACE/REHAB SEWERS & MANHOLES	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Prince George's County	REG 4	02-13-11-04 <i>NPDES #</i> MD0021725	W/S: Y PFA: Y Compliance PUBLIC LARGE	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	3,861,000	3,861,000 <i>Loan \$</i> 3,861,000 LOAN INTEREST	VA = 3,861,000
20 60	SC-969 IMPROVEMENTS TO HORNER'S LANE SIPHON ACROSS ARMISTEAD RUN CW0029 Ben.Pop= 156,280	PROBLEM: AGED CONCRETE SANITARY SIPHON CRACKED/LEAKING & UNSUPPORTED; STREAM INCISED/PIPES EXPOSED; MODIFIED CONSENT DECREE PROJECT: CONSTRUCT CLEANING/CIPP LINING OF 800 LF 24" & 1,600 LF 36" SEWER SIPHON; STREAM RESTOR FOR SUPPORT & ELIMINATE UPSTRM POOL	TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City	13 3	02-13-09-01 <i>NPDES #</i> MD0021555	W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV.	<i>Design</i> 05/01/2017 <i>Construction</i> 09/01/2020 09/30/2022	7,736,040	4,470,733 <i>Loan \$</i> 4,470,733 LOAN INTEREST	IIIB = 7,736,040

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21 60	SANITARY SEWER RECONSTRUCTION - BROAD CREEK SEWER BASIN PGC SECTION 5 CW0084 Ben.Pop= 173,845	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 7.30 MILES OF 6-18" DIAMETER SEWER MAIN AND 16 MANHOLES; REPAIR/REPLACE/REHAB SEWERS & MANHOLES	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Prince George's County	REG REG	02-14-02-01 <i>NPDES #</i> MD0021539	W/S: Y PFA: Y Compliance PUBLIC LARGE	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2020	10,249,200	10,249,200 <u>Loan \$</u> 10,249,200 LOAN INTEREST	VA = 10,249,200
22 60	SANITARY SEWER RECONSTRUCTION - NORTHEAST BRANCH SEWER BASIN PGC SECTION 5 CW0086 Ben.Pop= 1,190,453	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 5.23 MILES OF 6-18" DIAMETER SEWER MAIN AND 10 MANHOLES; REPAIR/REPLACE/REHAB SEWERS AND MANHOLES	MARCIA TUCKER WAHSINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Prince George's County	REG 5	02-13-11-03 <i>NPDES #</i> DC0021199	W/S: Y PFA: Y Compliance PUBLIC LARGE	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	7,342,920	7,342,920 <u>Loan \$</u> 7,342,920 LOAN INTEREST	VA = 7,342,920
23 60	SANITARY SEWER RECONSTRUCTION - OXON RUN SEWER BASIN PGC SECTION 5 CW0088 Ben.Pop= 1,190,453	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 4.04 MILES OF 6-12" DIAMETER SEWER MAIN AND 16 MANHOLES; REPAIR/REPLACE/REHAB SEWERS & MANHOLES	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Prince George's County	REG 4	02-14-02-05 <i>NPDES #</i> DC0021199	W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV.	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	5,672,160	5,672,160 <u>Loan \$</u> 5,672,160 LOAN INTEREST	VA = 5,672,160
24 60	SANITARY SEWER RECONSTRUCTION - NORTHWEST BRANCH SEWER BASIN PGC SECTION 5 CW0087 Ben.Pop= 1,190,453	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 3.42 MILES OF 6-24" DIAMETER SEWER MAIN AND 9 MANHOLES; REPAIR/REPLACE/REHAB SEWERS & MANHOLES	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Prince George's County	REG REG	02-14-02-05 <i>NPDES #</i> DC0021199	W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV.	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	4,801,680	4,801,680 <u>Loan \$</u> 4,801,680 LOAN INTEREST	VA = 4,801,680
25 60	SANITARY SEWER RECONSTRUCTION - LOWER ANACOSTIA SEWER BASIN PGC SECTION 5 CW0085 Ben.Pop= 1,190,453	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 1.76 MILES OF 6-12" DIAMETER SEWER MAIN AND 81 MANHOLES; REPAIR/REPLACE/REHAB SEWERS & MANHOLES	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Prince George's County	REG REG	02-14-02-05 <i>NPDES #</i> DC0021199	W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV.	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	2,471,040	2,471,040 <u>Loan \$</u> 2,471,040 LOAN INTEREST	VA = 2,471,040

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|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
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Maryland FINAL Project Priority List for Federal FY2020 & State FY2022

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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 60	URBAN STORMWATER RETROFIT PUBLIC-PRIVATE PARTNERSHIP PHASE 4 CW0066 DRAIN ACRES=3,117	PROBLEM: INSUFFICIENT STORMWATER MANAGEMENT; MS4 PERMIT PROJECT: P/D/C CONSTRUCT STORMWATER BMP RETROFITS ON 867 IMPERIOUS ACRES ON MULTIPLE SITES THROUGHOUT THE COUNTY	JOSEPH P. GILL PRINCE GEORGE'S COUNTY MARYLAND <i>System Size = Large</i> Prince George's County	REG REG		W/S: E PFA: E Compliance PUBLIC LARGE	<i>Design</i> 09/01/2019 <i>Construction</i> 07/01/2020 06/30/2022	30,000,000	30,000,000 <i>Loan \$</i> 30,000,000 LOAN INTEREST	VIB = 30,000,000
27 60	GREENBRIER STATE PARK WWTP ENR UPGRADE CW0051	PROBLEM: EXCESSIVE NUTRIENTS TO CHESAPEAKE BAY PROJECT: P/D/C ENR UPGRADE OF EXISTING 0.05MGD WWTP **NOT COST-EFFECTIVE**	ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE Washington County	4 8	02-14-05-02 <i>NPDES #</i> MD0023868	W/S: Y PFA: 1 Compliance PUBLIC	<i>Design</i> 09/01/2020 <i>Construction</i> 12/01/2021 06/30/2023	5,000,000	5,000,000 LOAN UNWANTED	II = 5,000,000
28 55	SC-866 REPLACEMENT OF THE SOUTHWEST DIVERSION PRESSURE SEWER - PH 1 CW0026 Ben.Pop= 22,910	PROBLEM: AGING SEWER SYSTEM, SSO's, CAPACITY PROBLEMS; MODIFIED CONSENT DECREE PROJECT: CONSTRUCT 7,300 LF OF 102" PIPE OPEN CUT METHOD EXCEPT 100 FT TUNNELING METHOD; 400 LF OF 96" PIPE OPEN CUT; RELOCATE UTIL	TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City	46 10	02-13-09-03 <i>NPDES #</i> MD0021601	W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV.	<i>Design</i> 01/01/2015 <i>Construction</i> 10/01/2020 10/31/2022	58,188,240	48,275,352 <i>Loan \$</i> 48,275,352 LOAN INTEREST	IIIB = 58,188,240
29 55	MATTAWOMAN WWTP AUTOMATION CW0076 Ben.Pop= 66,963	PROBLEM: WWTP ACHIEVES ENR; PROCESSES MANUALLY CONTROLLED, EXCESSIVE FLOW VARIATION/NPDES PERMIT VIOLATIONS **PENDING CONSENT ORDER** PROJECT: CONSTRUCT AUTOMATION TECHNOLOGY TO CONTROL FLOWS AND REDUCE EXCESSIVE FLOW VARIATION	ALICIA AFROLIAN COUNTY COMMISSIONERS OF CHARLES COUNTY, MARYLAND <i>System Size = Large</i> Charles County	28 5	02-14-01-02 <i>NPDES #</i> MD0021865	W/S: Y PFA: 1 Compliance PUBLIC	<i>Design</i> 12/01/2017 <i>Construction</i> 07/01/2021 06/30/2022	6,171,000	3,260,577 LOAN UNWANTED	II = 6,171,000
30 55	MATTAWOMAN WWTP FLOW EQUALIZATION CW0077 Ben.Pop= 66,963	PROBLEM: WWTP ACHIEVES ENR BUT NEED TO MANAGE PEAK FLOWS/REGULATE HYDRAULIC LOADING/NPDES PERMIT VIOLATIONS **PENDING CONSENT ORDER** PROJECT: CONSTRUCT FLOW EQUALIZATION BASINS TO ELIMINATE EXCESSIVE FLOW VARIATION AND PREVENT SPILL VIOLATIONS	ALICIA AFROLIAN COUNTY COMMISSIONERS OF CHARLES COUNTY, MARYLAND <i>System Size = Large</i> Charles County	28 5	02-14-01-02 <i>NPDES #</i> MD0021865	W/S: Y PFA: 1 Compliance PUBLIC	<i>Design</i> 12/01/2018 <i>Construction</i> 02/01/2021 06/30/2023	14,876,000	11,550,000 LOAN UNWANTED	II = 14,876,000

NEEDS CATEGORY DEFINITIONS:

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31 55	SC-1005 HERRING RUN SEWERSHED INFLOW & INFILTRATION REDUCTION CW0033 Ben.Pop= 84,890	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	TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City	REG REG	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> 01/01/2021 12/31/2022	27,313,170	21,090,678 <u>Loan \$</u> 21,090,678 LOAN INTEREST	IIIA = 27,313,170
32 55	SC-946R SANITARY SEWER COLLECTION SYSTEM IMPR IN THE JONES FALLS SH-GLEN AVENUE CW0028 Ben.Pop= 91,250	PROBLEM: AGED SEWER SYSTEM DETERIORATING; INFILTRATION, SEWAGE BACKUPS & OVERFLOWS INTO CITY STREETS; MODIFIED CONSENT DECREE PROJECT: CONSTRUCT CLEANING/CIPP LINING 9300 LF SANITARY SEWER; POINT REPAIRS; REPAIR/REHAB MANHOLES & SEWER HOUSE CONN; NEW MH/PIPE	TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City	41 3	02-13-09-04 <i>NPDES #</i> MD0021555	W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV.	<i>Design</i> 04/01/2019 <i>Construction</i> 12/01/2020 11/30/2022	6,633,844	4,548,424 <u>Loan \$</u> 4,548,424 LOAN INTEREST	IIIB = 6,633,844
33 55	SC-978 SMALL DIAMETER SEWER MAIN REPL IN ROLAND PARK OF THE JONES FALLS SH CW0030 Ben.Pop= 106,200	PROBLEM: AGING SANITARY SEWER SYSTEM; INSUFFICIENT CAPACITY; SEWAGE BACKING UP INTO BASEMENTS; MODIFIED CONSENT DECREE PROJECT: CONSTRUCT REHAB/REPL 14,608 LF PIPE VARIOUS METHODS; REHAB/REPL 81 HOUSE CONN; REHAB 152 MANHOLES; REPL 130 VLF NEW SEWER MH	TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City	REG 3,7	03-13-09-04 <i>NPDES #</i> MD0021555	W/S: Y PFA: Y Compliance PUBLIC LARGE DISADV.	<i>Design</i> 01/01/2017 <i>Construction</i> 10/01/2020 10/31/2022	11,516,810	9,082,089 <u>Loan \$</u> 9,082,089 LOAN INTEREST	IIIB = 11,516,810
34 55	SC-1006 HERRING RUN SEWERSHED INFLOW & INFILTRATION REDUCTION - PROJECT 02 CW0034 Ben.Pop= 126,570	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	TROY BROGDEN 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> 01/01/2021 12/31/2022	26,672,758	20,751,672 <u>Loan \$</u> 20,751,672 LOAN INTEREST	IIIA = 26,672,758
35 55	SC-1007 HERRING RUN SEWERSHED INFLOW & INFILTRATION REDUCTION - PROJECT 03 CW0035 Ben.Pop= 155,140	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	TROY BROGDEN 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> 01/01/2021 12/31/2022	6,559,189	5,076,498 <u>Loan \$</u> 5,076,498 LOAN INTEREST	IIIA = 6,559,189

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- 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
- VIIK. NPS: Hydromodification
- VIII. Decentralized
- E. Energy Conservation

- W. Water Conservation
- O. Other

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36 55	SC-985 WASTEWATER ENGINEERING SERVICES FOR THE REHAB OF HIGH LEVEL INTERCEPTOR CW0031 Ben.Pop= 254,450	PROBLEM: MULTIPLE SINKHOLES HAVE OCCURED DUE TO STRUCTURAL FAILURES OF EXISTING UNREINFORCED CONCRETE PIPE; MODIFIED CONSENT DECREE PROJECT: CONSTRUCT REHAB OF 16.815 LF OF SEWER MAIN OF VARIOUS DIAMETER (33-144"); INCLUDES SIPHON UNDER JONES FALLS W/36" & 42" PIPE	TROY BROGDEN 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> 02/01/2019 <i>Construction</i> 05/01/2021 05/31/2023	23,598,000	16,524,000 <u>Loan \$</u> 16,524,000 LOAN INTEREST	IIIB = 23,598,000
37 55	SC-1004 GWYNNNS FALLS SEWERSHED INFLOW & INFILTRATION REDUCTION-PROJECT 01 CW0032 Ben.Pop= 286,250	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	TROY BROGDEN 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> 01/01/2021 12/31/2022	22,810,423	17,840,566 <u>Loan \$</u> 17,840,566 LOAN INTEREST	IIIA = 22,810,423
38 55	SANITARY SEWER RECONSTRUCTION - NORTHWEST BRANCH SEWER BASIN MC SECTION 5 CW0091 Ben.Pop= 1,190,453	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 7.52 MILES OF 6-12" DIAMETER SEWER MAIN AND 8 MANHOLES; REPAIR/REPLACE/REHAB SEWERS & MANHOLES	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Montgomery County	REG REG	02-14-02-05 <i>NPDES #</i> DC0021199	W/S: Y PFA: Y Compliance PUBLIC LARGE	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	10,558,080	10,558,080 <u>Loan \$</u> 10,558,080 LOAN INTEREST	VA = 10,558,080
39 55	SANITARY SEWER RECONSTRUCTION - SLIGO CREEK SEWER BASIN MC SECTION 5 CW0094 Ben.Pop= 1,190,453	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 6.06 MILES OF 6-33" DIAMETER SEWER MAIN AND 23 MANHOLES; REPAIR/REPLACE/REHAB SEWERS & MANHOLES	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Montgomery County	REG 8	02-14-02-05 <i>NPDES #</i> DC0021199	W/S: Y PFA: Y Compliance PUBLIC LARGE	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	8,508,240	8,508,240 <u>Loan \$</u> 8,508,240 LOAN INTEREST	VA = 8,508,240
40 55	SANITARY SEWER RECONSTRUCTION - CABIN JOHN SEWER BASIN MC SECTION 5 CW0090 Ben.Pop= 1,190,453	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 5.25 MILES OF 6-24" DIAMETER SEWER MAIN; REPAIR/REPLACE/REHAB SEWERS	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Montgomery County	REG REG	02-14-02-07 <i>NPDES #</i> DC0021199	W/S: Y PFA: Y Compliance PUBLIC LARGE	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	7,371,000	7,371,000 <u>Loan \$</u> 7,371,000 LOAN INTEREST	VA = 7,371,000

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41 55	SANITARY SEWER RECONSTRUCTION - ROCK CREEK SEWER BASIN MC SECTION 5 CW0093 Ben.Pop= 1,190,453	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 4.21 MILES OF 6-30" DIAMETER SEWER MAIN; REPAIR/REPLACE/REHAB SEWER MAINS	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Montgomery County	REG REG	02-14-02-06 <i>NPDES #</i> DC0021199	W/S: Y PFA: Y Compliance PUBLIC LARGE	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	5,910,840	5,910,840 <i>Loan \$</i> 5,910,840 LOAN INTEREST	VA = 5,910,840
42 55	SANITARY SEWER RECONSTRUCTION - PAINT BRANCH SEWER BASIN MC SECTION 5 CW0092 Ben.Pop= 1,190,453	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-04-3679 PROJECT: CONSTRUCT 2.89 MILES OF 6-12" DIAMETER SEWER MAIN; REPAIR/REPLACE/REHAB SEWER MAINS	MARCIA TUCKER WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Montgomery County	REG REG	02-14-02-05 <i>NPDES #</i> DC0021199	W/S: Y PFA: Y Compliance PUBLIC LARGE	<i>Design</i> 06/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	4,057,560	4,057,560 <i>Loan \$</i> 4,057,560 LOAN INTEREST	VA = 4,057,560
43 50	FREYS ROAD SEWER PETITION PROJECT CW0017 Ben.Pop= 30	PROBLEM: FAILING SEPTIC SYSTEMS AT 11 EXISTING HOMES WITH INADEQUATE SEPARATION FROM SURFACE AND GROUNDWATER PROJECT: CONSTRUCT 700 LF 1.5-2" MAIN, 470 LF HOUSE CONN AND GRINDER PUMPS TO CONNECT 11 HOMES/1 VACANT LOT TO SOD RUN WWTP (ENR)	DAVID M. BURKE, PE HARFORD COUNTY GOVERNMENT <i>System Size = Small</i> Harford County	34A 2	02-13-07-01 <i>NPDES #</i> MD0056545	W/S: Y PFA: Y PUBLIC SMALL	<i>Design</i> 10/01/2019 <i>Construction</i> 12/01/2020 07/31/2021	695,000	425,000 <i>Loan \$</i> 425,000 LOAN INTEREST	IVA = 695,000
44 50	LEWIS ROAD SEWER EXTENSION CW0095 Ben.Pop= 125	PROBLEM: POTENTIAL SEPTIC FAILURE; HIGH GROUNDWATER CONDITIONS; POOR SOILS; DRAINAGE TO NEWPORT BAY IMPACTED BY HIGH LEVEL OF NUTRIENT PROJECT: D/C ~4800 LF OF GRAVITY SEWER, 18 MANHOLES TO CONNECT 38 EXISTING HOMES TO LANDING WWTP (NOT BNR/ENR)	JESSICA R. WILSON COUNTY COMMISSIONERS OF WORCESTER COUNTY MARYLAND <i>System Size = Small</i> Worcester County	38C 1	02-13-01-05 <i>NPDES #</i> MD0121X02	W/S: Y PFA: 3 PUBLIC SMALL DISADV.	<i>Design</i> 06/01/2020 <i>Construction</i> 08/01/2021 06/30/2022	2,450,000	1,700,000 <i>Loan \$</i> 1,700,000 LOAN INTEREST	IVA = 2,450,000
45 50	NORTH FORK TANYARD BRANCH STREAM BANK RESTORATION & STABILIZATION CW0067 LINEAR FEET=185	PROBLEM: STREAMBANK FAILURE WOULD CAUSE FLOODING AT NEARBY POWER PLANT BUILDING AND OF SANITARY SEWERS VIA MANHOLES PROJECT: P/D/C BANKFULL USING SOD MATTING TO INC STREAMBED CAPACITY, REBUILD STONE TOE WALL & CONSTR IMBRICATED WALL TO REPL EXISTING	P. MOFFETT EASTON UTILITIES COMMISSION <i>System Size = Large</i> Talbot County	37B 1	02-13-04-03	W/S: E PFA: E PUBLIC LARGE DISADV.	<i>Design</i> 10/01/2019 <i>Construction</i> 11/01/2021 06/30/2021	140,500	105,375 <i>Loan \$</i> 105,375 LOAN INTEREST	VIIIK = 140,500

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46 50 GREEN (W)	ROCKY GAP WASTEWATER TREATMENT PLANT EFFLUENT REUSE CW0045	PROBLEM: EXISTING WWTP DISCHARGES ENR EFFLUENT TO SURFACE WATERS DESIGNATED AS USE III-P (PROPAGATION OF TROUT & PUBLIC WATER SUPPLY) PROJECT: P/D/C 6000 LF OF 4" MAIN AND APPURTANCES TO REUSE 60% TREATED EFFLUENT FOR IRRIGATION OF ROCKY GAP GOLF COURSE	ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE Allegany County	1B 6	02-14-10-02 <i>NPDES #</i> MD0051667	W/S: N PFA: 1 PUBLIC	<i>Design</i> 09/01/2020 <i>Construction</i> 05/01/2021 05/31/2022	3,900,000 <i>Green \$</i> 3,900,000	3,900,000 LOAN UNWANTED	W = 3,900,000
47 45 GREEN (W)	SOUTHERN MARYLAND CORRECTIONAL INSTITUTION (PRE-RELEASE) WWTP EFFLUENT REUSE CW0047 Ben.Pop= 230	PROBLEM: EXISTING 0.02 MGD WWTP DISCHARGES ENR EFFLUENT TO SURFACE WATERS DESIGNATED AS USE I (WATER CONTACT SPORTS/AQUATIC LIFE) PROJECT: P/D/C EFFLUENT REUSE SYSTEMS TO USE 50% OF TREATED EFFLUENT FOR NON-POTABLE USE IN THE FACILITY AS APPROPRIATE	ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE <i>System Size = Small</i> Charles County	28 5	02-14-01-07 <i>NPDES #</i> MD0023914	W/S: Y PFA: 1 PUBLIC	<i>Design</i> 09/01/2020 <i>Construction</i> 05/01/2021 05/31/2022	1,790,000 <i>Green \$</i> 1,790,000	1,790,000 LOAN UNWANTED	W = 1,790,000
48 45	ROCKVILLE WASTEWATER COLLECTION SYSTEM REHABILITATION CW0073 Ben.Pop= 72,000	PROBLEM: AGING INFRASTRUCTURE; INFLOW & INFILTRATION INTO WASTEWATER COLLECTION SYSTEM; SSO's & BASEMENT BACKUPS PROJECT: CONSTRUCT REHAB OF 66,700 LF OF AGING SEWER PIPE USING CIPP METHOD, POINT REPAIRS, MANHOLE REPLACEMENTS, ETC.	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: 1 PUBLIC	<i>Design</i> 01/01/2009 <i>Construction</i> 11/01/2021 02/28/2022	3,000,000 2,625,000	2,625,000 LOAN UNWANTED	IIIB = 3,000,000
49 40	REPLACEMENT OF EAST NEW MARKET PUMP STATION CW0016 Ben.Pop= 450	PROBLEM: CURRENT PUMP STATION AT END OF USEFUL LIFE/CANNOT HANDLE CURRENT PUMPING DEMAND AND EXPERIENCES OVERFLOWS PROJECT: DESIGN/CONSTRUCT A NEW PUMP STATION W/CONVENTIONAL SINGLE WET WELL/SUBMERSIBLE PUMPS AND CONTROLS ABOVE GRADE	MICHELLE JACKSON MAYOR AND 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> 09/01/2020 <i>Construction</i> 09/01/2021 04/30/2022	1,704,302 <i>Loan \$</i> 1,704,302	1,704,302 LOAN INTEREST	IVB = 1,704,302
50 40	BAY VIEW INTERCEPTOR SEWER REPAIR CW0019 Ben.Pop= 538	PROBLEM: SEWER LINE EXPOSED AND UNDERMINED AT SEVERAL LOCATIONS CAUSING RISK OF BREAKAGE PROJECT: P/D/C NECESSARY REPAIRS TO 1500 LF 10" LINE AND MANHOLES TO INCLUDE RESTORATION OF STREAMBED RUNNING ALONGSIDE SEWER LINE	PHILIP MUZIK CECIL COUNTY GOVERNMENT <i>System Size = Small</i> Cecil County	35B 1	02-13-06-08 <i>NPDES #</i> MD0052027	W/S: Y PFA: Y PUBLIC LARGE DISADV.	<i>Design</i> 03/01/2020 <i>Construction</i> 02/01/2021 07/01/2021	1,000,000 <i>Loan \$</i> 1,000,000	1,000,000 LOAN INTEREST	IIIB = 1,000,000

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51 40	WOODMARK STORMWATER MANAGEMENT RETROFIT CW0007 Ben.Pop= 590	PROBLEM: DAM AT RISK OF FAILURE/DOWNSTREAM WATER QUALITY THREATENED DUE TO DOWNSTREAM TOE/SPILLWAY DETERIORATION AND UPSTREAM EROSION PROJECT: CONSTRUCT NEW OUTLET AND RESTORE/STABILIZE ADJACENT STREAM	CHRISTOPHER MAUS WOODMARK COMMUNITY ASSOCIATION <i>System Size = Small</i> Howard County	9A 7	02-13-11-06	W/S: E PFA: E Compliance PRIVATE SMALL	<i>Design</i> 01/01/2017 <i>Construction</i> 08/01/2021 04/30/2023	2,100,000	176,000 <u>Loan \$</u> 176,000 LOAN INTEREST	VIIIK = 2,100,000
52 40 GREEN (E)	PISCATAWAY WRRF BIO-ENERGY PROJECT - LOAN 4 CW0083 Ben.Pop= 173,845	PROBLEM: MORE RESTRICTIVE GUIDELINES RE LAND APPLICATION OF CLASS B BIOSOLIDS PROJECT: D/C CLASS A REGIONAL BIOSOLIDS FACILITY, INC BIOENERGY FACILITIES; REQUIRES NEW/MODIFIED TREATMENT PROCESSES	STANLEY DABEK WASHINGTON SUBURBAN SANITARY COMMISSION <i>System Size = Large</i> Prince George's County	REG 5	02-14-02-01 <i>NPDES #</i> MD0021539	W/S: Y PFA: 2 PUBLIC LARGE	<i>Design</i> 01/01/2017 <i>Construction</i> 06/01/2019 08/31/2024	281,208,000 <u>Green \$</u> 234,248,027	145,676,500 <u>Loan \$</u> 145,676,500 LOAN INTEREST	E = 281,208,000
53 40 GREEN (G)	HAMPSTEAD VALLEY WATERSHED RESTORATION CW0054 DRAIN ACRES=237	PROBLEM: CO RESPONSIBLE FOR MEETING MS4 PERMIT REQUIREMENTS; MAJORITY OF STORMWATER IN HAMPSTEAD DRAINS TO A COLD WATER TROUT STREAM PROJECT: CONSTRUCT IMPROVEMENTS TBD TO FIVE STRUCTURAL FACILITIES AS DETERMINED BY WATERSHED STUDY	KELLY MARTIN CARROLL COUNTY COMMISSIONERS Carroll County	5 1	02-13-08-05	W/S: E PFA: E Compliance PUBLIC	<i>Design</i> 09/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	2,000,000 <u>Green \$</u> 500,000	2,000,000 LOAN UNWANTED	VIA = 2,000,000
54 40 GREEN (G)	ER-4129 MT. WASHINGTON ENVIRONMENTAL RESTORATION PROJ 13 CW0038 DRAIN ACRES=22	PROBLEM: POLLUTED STORMWATER ENTERING BALTIMORE HARBOR, ULTIMATELY CHESAPEAKE BAY; MS4 PERMIT PROJECT: CONSTRUCT STORMWATER BMPS INC. BIORETENTION FACILITIES & RAIN GARDENS; IMPERVIOUS SURFACE REMOVAL;TREAT ~22 IMPERVIOUS ACRES	TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City	REG 2,3	02-13-09-03 <i>NPDES #</i> MD0021555	W/S: E PFA: E Compliance PUBLIC LARGE DISADV.	<i>Design</i> 07/01/2017 <i>Construction</i> 09/01/2020 09/30/2021	6,460,067 <u>Green \$</u> 3,965,811	3,965,811 <u>Loan \$</u> 3,965,811 LOAN INTEREST	VIC = 6,460,067
55 40 GREEN (G)	SEAMON AVENUE STEP POOL CONVEYANCE CW0036 DRAIN ACRES=19	PROBLEM: HAZARDOUS SLOPE; DOWNSTREAM EROSION FLOWS TO FAILED STORM DRAIN; MS4 PERMIT PROJECT: CONSTRUCT STORMWATER BMPS INC. STEP POOL CONVEYANCE SYSTEM; SANITARY SEWER RELOCATION; REHAB STORM DRAIN	TROY BROGDEN 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: E PFA: E Compliance PUBLIC LARGE DISADV.	<i>Design</i> 07/01/2016 <i>Construction</i> 01/01/2020 01/31/2021	2,018,380 <u>Green \$</u> 1,530,000	1,530,000 <u>Loan \$</u> 1,530,000 LOAN INTEREST	VIC = 2,018,380

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56 35 GREEN (G)	TRENTON STREET SEWAGE PUMPING STATION REHABILITATION CW0039 Ben.Pop= 5,400	PROBLEM: AGED PUMP STATION; LAST UPGRADE IN 1978; PROBLEMS INC. PUMP FAILURES, LEAKING SUCTION PIPES, STRUCTURAL CRACKING, ETC. PROJECT: D/C ABANDON EXISTING WET WELL; INSTALL NEW WET WELL, PUMP VAULT, NEW ENERGY EFFICIENT PUMPS & PIPING IN ADJACENT LOCATION	GEORGE W. HYDE, PE 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> 08/01/2020 <i>Construction</i> 05/01/2021 03/31/2022	1,995,000 <i>Green \$</i> 350,000	1,945,000 <i>Loan \$</i> 1,945,000 LOAN INTEREST	IIIB = 1,995,000
57 35 GREEN (G)	ER-4126 COMMUNITIES & SCHOOLS ENVIRONMENTAL RESTOR PROJ 10 CW0037 DRAIN ACRES=52	PROBLEM: POLLUTED STORMWATER ENTERING BALTIMORE HARBOR, ULTIMATELY CHESAPEAKE BAY; MS4 PERMIT PROJECT: CONSTRUCT STORMWATER BMPS INC. BIORETENTION FACILITIES & RAIN GARDENS; IMPERVIOUS SURFACE REMOVAL; TREAT ~52 IMPERVIOUS ACRES	TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City	REG 2,3	02-13-09-05 <i>NPDES #</i> MD0021555	W/S: E PFA: E Compliance PUBLIC LARGE DISADV.	<i>Design</i> 11/01/2016 <i>Construction</i> 08/01/2020 08/31/2021	7,910,362 <i>Green \$</i> 4,806,010	4,806,010 <i>Loan \$</i> 4,806,010 LOAN INTEREST	VIC = 7,910,362
58 30	TOWN OF LUKE MULLEN AVENUE AREA SEWER COLLECTION SYSTEM & CONVEYANCE REHAB CW0056 Ben.Pop= 160	PROBLEM: TOWN'S SYSTEM PARTLY COMBINED WITH VERSO MILL, WHICH IS CLOSING; EXPERIENCES I&I AND NOT IN COMPLIANCE W/DESIGN STANDARDS PROJECT: D/C PHASE I & PHASE II IMPROVEMENTS, INC PUMP STATION AND FORCE MAIN TO CONVEY FLOW TO WESTERNPORT AND REPLACE IN-TOWN LINES	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: 1 PUBLIC DISADV.	<i>Design</i> 03/01/2020 <i>Construction</i> 07/01/2020 05/31/2021	3,136,500	3,136,500 LOAN UNWANTED	IIIB = 3,136,500
59 30	CECO PHASE 2 - LAGOON DECOMMISSIONING CW0021 Ben.Pop= 308	PROBLEM: FLOW BEING REDIRECTED TO CHERRY HILL WWTP; LAGOONS NO LONGER NEEDED PROJECT: D/C DEMOLITION/DECOMMISSION LAGOONS AND COMPLETE COLLECTION SYSTEM REPAIRS	PHILIP MUZIK CECIL COUNTY GOVERNMENT <i>System Size = Small</i> Cecil County	34A 1	02-13-06-05 <i>NPDES #</i> MD0052825	W/S: Y PFA: 5 PUBLIC LARGE DISADV.	<i>Design</i> 01/01/2019 <i>Construction</i> 12/01/2020 09/30/2021	2,500,000	2,500,000 <i>Loan \$</i> 2,500,000 LOAN INTEREST	O = 2,500,000
60 30	SWALLOW FALLS STATE PARK COLLECTION SYSTEM REHABILITATION CW0049 Ben.Pop= 755	PROBLEM: EXCESSIVE I&I IN COLLECTION SYSTEM; PREVENT EXCESSIVE INFLOW TO WWTP; SEE ALSO CW0050/22 PROJECT: P/D/C REHAB INC. LINING 2400 LF OF 8" SEWER, POINT REPAIRS, LINING AND FRAME REPAIRS TO 15 MANHOLES	ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE <i>System Size = Small</i> Garrett County	1A 6	05-02-02-01 <i>NPDES #</i> MD0052850	W/S: Y PFA: 1 PUBLIC	<i>Design</i> 12/01/2019 <i>Construction</i> 09/01/2020 01/31/2021	442,957	424,081 LOAN UNWANTED	IIIB = 442,957

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61 30	TALBOT COUNTY REGION V PUMP STATION IMPROVEMENTS CW0071 Ben.Pop= 1,700	PROBLEM: AGING, ANTIQUATED SYSTEM; PUMPS HAVE CORRODED; MANHOLES NEED RESTORATION; PUMP FAILURE W/POSSIBLE SANITARY SEWER OVERFLOWS PROJECT: P/D/C REHAB 5 MAJOR PUMPS; PURCHASE 5 TO 7 NEW PUMPS; ADD FLOW METERS & REMOTE SENSING HIGH WATER LEVEL ALARMS	RAY CLARKE, PE TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County	37B 1	02-13-04-03 <i>NPDES #</i> MD0059463	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 10/01/2020 <i>Construction</i> 12/01/2021 07/31/2023	1,000,000	1,000,000 <i>Loan \$</i> 1,000,000 LOAN INTEREST	IVB = 1,000,000
62 30	TALBOT COUNTY REGION V SEWER COLLECTION SYSTEM IMPROVEMENTS CW0070 Ben.Pop= 1,700	PROBLEM: LOW-LYING AREAS SUSCEPTIBLE TO HIGH TIDES & SEA LEVEL RISE; REGION V SEWER SYSTEM NEEDS UPDATING PROJECT: P/D/C CLEANING & INSPECTION; RESULTS WILL DETERMINE PIPE/MANHOLE REHAB/REPLACEMENT; INSTALL REMOTE SENSING ALARMS	RAY CLARKE, PE TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County	37B 1	02-13-04-03 <i>NPDES #</i> MD0059463	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 10/01/2020 <i>Construction</i> 12/01/2021 07/31/2023	4,000,000	4,000,000 <i>Loan \$</i> 4,000,000 LOAN INTEREST	IIIB = 4,000,000
63 30	OAKLAND WASTEWATER COLLECTION SYSTEM REHAB/I&I CORRECTION CW0011 Ben.Pop= 2,200	PROBLEM: OLD TERRA COTTA AND OTHER FAILING COLLECTOR LINES CAUSING EXCESSIVE I&I IN SYSTEM/TREATED UNNECESSARILY AT WWTP PROJECT: P/D/C REPAIR/REPLACEMENT OF 13,000 LF 8" SEWER MAIN AS DETERMINED BY STUDY	GWEN EVANS MAYOR AND TOWN COUNCIL OF OAKLAND <i>System Size = Small</i> Garrett County	1A 6	05-02-02-01 <i>NPDES #</i> MD0020648	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 09/01/2020 <i>Construction</i> 05/01/2021 06/30/2022	3,700,000	3,700,000 <i>Loan \$</i> 3,700,000 LOAN INTEREST	IIIA = 3,700,000
64 30 GREEN (E)	WINDMILL FORCE MAIN PROJECT CW0057 Ben.Pop= 2,500	PROBLEM: EXISTING FORCE MAIN IS TUBERCLED CAUSING EXCESSIVE HEADLOSS & EXCESSIVE ENERGY CONSUMPTION PROJECT: CONSTRUCT REPLACEMENT OF 6256 LF OF 12" FORCE MAIN	P. MOFFETT 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> 02/01/2019 <i>Construction</i> 02/01/2021 03/31/2022	2,267,000 <i>Green \$</i> 2,137,000	2,137,000 <i>Loan \$</i> 2,137,000 LOAN INTEREST	IIIB = 2,267,000
65 30 GREEN (G)	WINDMILL PUMP STATION RELOCATION CW0058 Ben.Pop= 2,500	PROBLEM: CURRENT PUMP STATION IS LOCATED IN FEMA FLOODPLAIN & FLOODWAY; SUBJECT TO OVERTOPPING DURING EXTREME WET WEATHER EVENTS PROJECT: P/D/C PUMP STATION RELOCATION TO HIGHER ELEVATION; DEMOLISH EXISTING PMP STA 2' BELOW GRADE, FILL/GRADE TO RESTORE FLOODWAY	P. MOFFETT 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> 02/01/2019 <i>Construction</i> 02/01/2021 03/31/2022	2,806,000 <i>Green \$</i> 98,000	2,511,900 <i>Loan \$</i> 2,511,900 LOAN INTEREST	IIIB = 2,806,000

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66 30	TALBOT COUNTY REGION II PUMP STATION IMPROVEMENTS CW0072 Ben.Pop= 4,750	PROBLEM: AGING, ANTIQUATED SYSTEM; PUMPS HAVE CORRODED; MANHOLES NEED RESTORATION; PUMP FAILURE W/POSSIBLE SANITARY SEWER OVERFLOWS PROJECT: P/D/C REHAB 3 EXISTING PUMPS; INSTALL 3 TO 4 NEW PUMPS AS BACK-UP PUMPS	RAY CLARKE, PE TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County	37B 1	02-13-05-02 <i>NPDES #</i> MD0023604	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 10/01/2020 <i>Construction</i> 12/01/2021 12/31/2022	1,000,000	1,000,000 <i>Loan \$</i> 1,000,000 LOAN INTEREST	IVB = 1,000,000
67 30	TALBOT COUNTY REGION II SEWER COLLECTION SYSTEM IMPROVEMENTS CW0069 Ben.Pop= 4,750	PROBLEM: EXTRANEIOUS FLOWS DUE TO STORM EVENTS; INFLOW ENTERING SEWER COLLECTION SYSTEM RELATED TO WET WEATHER EVENTS OR HIGH TIDES PROJECT: P/D/C REPLACEMENT/REHAB OF 10,000 LF OF TERRACOTTA & OLDER PVC PIPE; MANHOLES REHAB/REPLACED; LATE START	RAY CLARKE, PE 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> 10/01/2020 <i>Construction</i> 01/01/2022 07/31/2023	2,000,000	2,000,000 <i>Loan \$</i> 2,000,000 LOAN INTEREST	IIIA = 2,000,000
68 30	TALBOT BIO-SOLIDS FACILITY IMPROVEMENTS CW0061 Ben.Pop= 9,500	PROBLEM: FACILITY NEEDS CAN'T ACCEPT WASTE GENERATED FROM NEW AQUACULTURE BUSINESS WITHOUT MAKING IMPROVEMENTS PROJECT: P/D/C A GRAVITY SLUDGE THICKENER AND A DIGESTER	RAY CLARKE, PE TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County	37B 1	02-13-04-04	W/S: Y PFA: 3 SMALL DISADV.	<i>Design</i> 12/01/2020 <i>Construction</i> 11/01/2021 06/30/2022	1,500,000	1,500,000 <i>Loan \$</i> 1,500,000 LOAN INTEREST	O = 1,500,000
69 30	ROBERTS MILL ROAD STORM SEWER REPLACEMENT CW0040 Ben.Pop= 10,790	PROBLEM: AGED STORM SEWER; SEVERELY DETERIORATING PROJECT: P/D/C REPLACEMENT OF 1,400 LF STORM SEWER WITH 15" REINFORCED CONCRETE PIPE; REPLACE 11 STORM INLETS	JAMES WIEPRECT CITY OF TANEYTOWN <i>System Size = Small</i> Carroll County	5 1	02-14-03-03 <i>NPDES #</i> MD0020672	W/S: E PFA: E PUBLIC SMALL	<i>Design</i> 09/01/2020 <i>Construction</i> 05/01/2021 09/30/2021	655,000	655,000 <i>Loan \$</i> 655,000 LOAN INTEREST	VIA = 655,000
70 30	CHESAPEAKE BEACH WWTP DENITRIFICATION FILTER BUILDING CW0064 Ben.Pop= 11,938	PROBLEM: TREATMENT SYSTEM OPERATING AT ENR LEVELS AS A RESULT OF BACKWASHING AND SLUDGE BUILDUP OF THE DENITRIFICATION FILTERS PROJECT: P/D/C NEW PERMANENT ENCLOSURE OVER THE DENITRIFICATION FILTERS	HOLLY WAHL TOWN OF CHESAPEAKE BEACH <i>System Size = Small</i> Calvert County	27B 5	02-13-10-05 <i>NPDES #</i> MD0020281	W/S: Y PFA: Y PUBLIC SMALL	<i>Design</i> 07/01/2020 <i>Construction</i> 03/01/2021 12/31/2021	941,000	941,000 <i>Loan \$</i> 941,000 LOAN INTEREST	II = 941,000

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71 30	EDGEMONT RESERVOIR EMERGENCY REPAIR CW0002 Ben.Pop= 108,600	PROBLEM: DAM CANNOT PASS 100% OF DESIGN STORM; CONSIDERED IN "UNACCEPTABLE" CONDITIONS; POTENTIAL FAILURE THREATENS DOWNSTREAM WQ PROJECT: CONSTRUCT REPAIRS TO TOE-DRAIN, EMERGENCY SPILLWAY, INTAKE PIPING, AND DRAIN PIPING	WILLIAM LUHN CITY OF HAGERSTOWN 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> 10/01/2021 12/31/2023	20,500,000	17,250,000 <u>Loan \$</u> 17,250,000 LOAN INTEREST	VIIIK = 20,500,000
72 30	RUBBLE RECLAMATION LANDFILL CAPPING CW0004 Ben.Pop= 150,600	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	DAVID A. MASON WASHINGTON COUNTY Washington County	1C 6	02-14-05-04	W/S: E PFA: E Compliance PUBLIC LARGE	<i>Design</i> 11/01/2020 <i>Construction</i> 07/01/2021 12/31/2021	2,092,000	1,730,000 <u>Loan \$</u> 1,730,000 LOAN INTEREST	VIIJ = 2,092,000
73 25 GREEN (G)	MT LAKE PARK STORMDRAIN PROJECT AT HERITAGE DRIVE CW0003 DRAIN ACRES=22	PROBLEM: FLOODING BECAUSE EXISTING STORM DRAINS NOT SIZED ADEQUATELY OR LOCATED PROPERLY PROJECT: CONSTRUCT REHAB/INSTALL 1,700 LF 12-36" HDPE STORM DRAIN TO NEW DISCHARGE PT; BMPS INC, BIORETENTION AREAS, GRASS SWALES, ETC	MAYOR DONALD W. SINCELL TOWN OF MOUNTAIN LAKE PARK Garrett County	1A 6	05-02-02-02	W/S: E PFA: E PUBLIC DISADV.	<i>Design</i> 09/01/2007 <i>Construction</i> 01/01/2021 12/31/2020	1,143,038 <i>Green \$</i> 121,500	1,129,229 LOAN UNWANTED	VIA = 1,143,038
74 20	PURNELL STREET SEWER IMPROVEMENTS CW0041 Ben.Pop= 133	PROBLEM: EXCESSIVE I&I; AGED PIPING CAUSING SEWER LEAKS & BLOCKAGES PROJECT: P/D/C REPLACEMENT OF 2416 LF 6 & 8" GRAVITY SEWER MAIN, LATERAL CONN; RESTORE STREET, STORM DRAINS ETC. ASSOCIATED W/REPLACE	GARY WEBER TOWN OF SNOW HILL Worcester County	28B 1	02-13-02-02 NPDES # MD0022764	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 06/01/2020 <i>Construction</i> 07/01/2021 12/31/2021	686,000	686,000 <u>Loan \$</u> 686,000 LOAN INTEREST	IIIB = 686,000
75 20	BROAD STREET AND WILLIAM STREET PUMP STATION UPGRADES CW0075 Ben.Pop= 615	PROBLEM: AGING, ANTIQUATED SYSTEM; NEED MODERNIZATION TO ENHANCE RELIABILITY & MONITORING CAPABILITIES AT BROAD & WM ST FACILITIES PROJECT: P/D/C REPLACE BROAD ST PUMP STATION; REHAB WILLAM ST PUMP STATION; UPGRADE PUMPS, MOTORS AND CRITICAL COMPONENTS	JEFF FLEETWOOD TOWN OF BERLIN Worcester County	38C 1	02-13-01-05 NPDES # MD0022632	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 05/01/2020 <i>Construction</i> 04/01/2021 10/31/2021	895,000	895,000 <u>Loan \$</u> 895,000 LOAN INTEREST	IVB = 895,000

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- IIIB. Major Sewer Rehab

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- 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

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- VIIK. NPS: Hydromodification
- VIII. Decentralized
- E. Energy Conservation

- W. Water Conservation
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76 20	SHARPTOWN SEWER COLLECTION SYSTEM I&I REMEDIATION CW0044 Ben.Pop= 835	PROBLEM: SEWERS IN POOR CONDITION; EXTENSIVE I&I PROJECT: PERFORM I&I STUDY OF 10,000 LF OF MAIN; D/C REHABS WHERE NEEDED USING TRENCHLESS METHODS; ~4,500 LF PIPE REHAB; MANHOLE REHAB	P. DOUGLAS GOSNELL TOWN OF SHARPTOWN <i>System Size = Small</i> Wicomico County	37B 1	02-13-03-05 <i>NPDES #</i> MD0052175	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 08/01/2020 <i>Construction</i> 11/01/2021 06/30/2022	1,341,040	1,311,040 <i>Loan \$</i> 1,311,040 LOAN INTEREST	IIIA = 1,341,040
77 20	SHARPTOWN WWTP OUTFALL REPLACEMENT CW0043 Ben.Pop= 835	PROBLEM: WWTP OUTFALL LEAKING NEAR BULKHEAD OF RIVER CAUSING EROSION AND DISCHARGE AT A POINT BELOW GRADE ~10FT FROM THE RIVER PROJECT: P/D/C NEW OUTFALL WHICH INCLUDES NEW DISCHARGE PIPING, BULKHEAD REPAIR & AREA RESTORATION	P. DOUGLAS GOSNELL TOWN OF SHARPTOWN <i>System Size = Small</i> Wicomico County	37B 1	02-13-03-05 <i>NPDES #</i> MD0052175	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 07/01/2020 <i>Construction</i> 06/01/2021 09/30/2021	411,500	411,500 <i>Loan \$</i> 411,500 LOAN INTEREST	IIIB = 411,500
78 20	CRISFIELD LANE SEWER REPLACEMENT PROJECT CW0059 Ben.Pop= 1,175	PROBLEM: I&I, GREASE BUILDUP AND SLOPE ISSUES REDUCING EFFECTIVENESS OF GRAVITY COLLECTION SYSTEM PROJECT: P/D/C REPLACE 2270 LF OF 10-12" SEWER PIPE AND 80 VERTICAL FEET OF MANHOLES	ANTHONY STOCKUS SOMERSET COUNTY SANITARY DISTRICT <i>System Size = Small</i> Somerset County	38A 1	02-13-02-08 <i>NPDES #</i> MD0020656	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 07/01/2011 <i>Construction</i> 04/01/2021 11/30/2021	877,645	832,800 <i>Loan \$</i> 832,800 LOAN INTEREST	IIIB = 877,645
79 20	OAKLAND SEWER INTERCEPTOR/COLLECTOR LINE RIVER CROSSING CW0013 Ben.Pop= 2,200	PROBLEM: MAJOR SEWER COLLECTOR LINE/INTERCEPTOR CROSSES RIVER SUPPORTED ON DETERIORATING PIERS SUBJECT TO FLOODING PROJECT: P/D/C REDESIGN PORTION OF COLLECTION SYSTEM; RELOCATE 60LF OF 24" SEWER LINE UNDERGROUND; REPL PIERS IF MOVING NOT POSSIBLE	GWEN EVANS MAYOR AND TOWN COUNCIL OF OAKLAND <i>System Size = Small</i> Garrett County	1A 6	05-02-02-01 <i>NPDES #</i> MD0020648	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 08/01/2020 <i>Construction</i> 10/01/2020 05/31/2021	400,000	400,000 <i>Loan \$</i> 400,000 LOAN INTEREST	IIIB = 400,000
80 20	OAKLAND WASTEWATER PLANT SLUDGE REMOVAL CW0012 Ben.Pop= 2,200	PROBLEM: LARGE QUANTITY OF SLUDGE HAS ACCUMULATED IN THE WASTEWATER LAGOONS WHICH DEGRADES WWTP PERFORMANCE PROJECT: P/D/C REMOVAL OF EXCESS SLUDGE	GWEN EVANS MAYOR AND TOWN COUNCIL OF OAKLAND <i>System Size = Small</i> Garrett County	1A 6	05-02-02-01 <i>NPDES #</i> MD0020648	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 09/01/2020 <i>Construction</i> 10/01/2020 05/31/2021	375,000	375,000 <i>Loan \$</i> 375,000 LOAN INTEREST	I = 375,000

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- | | | | | |
|-------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
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| IIIA. I/I Correction | VA. CSO Correction - Traditional | VIC. Green Infrastructure | VIII. Decentralized | |
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81 20	JACKSON STREET PUMPING STATION REHABILITATION CW0062 Ben.Pop= 2,230	PROBLEM: MINIMAL UPGRADES SINCE 1988; NEEDS MODERNIZATION TO INCREASE RELIABILITY & MONITORING CAPABILITIES PROJECT: D/C REHABILITATION INC PUMPS & MOTORS, PIPING & VALVES, WATER SEAL SYSTEM, SCREENING SYSTEM, ELECTRICAL & CONTROL SYSTEM, ETC	JOHN AVERY TOWN OF HURLOCK <i>System Size = Small</i> Dorchester County	37A 1	02-13-03-06 <i>NPDES #</i> MD0022730	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 05/01/2020 <i>Construction</i> 04/01/2021 12/31/2021	2,188,750	2,188,750 <u>Loan \$</u> 2,188,750 LOAN INTEREST	IIIB = 2,188,750
82 20	POCOMOKE CITY PUMP STATIONS REPLACEMENT CW0025 Ben.Pop= 4,185	PROBLEM: AGED & UNRELIABLE PUMP STATIONS; LIMITED AVAILABILITY OF REPLACEMENT PARTS PROJECT: P/D/C REPLACEMENT OF FOUR PUMP STATIONS: CEDAR STREET, 10TH & MARKET STREETS, DORCHESTER STREET, PAYNE AVENUE	JEREMY MASON POCOMOKE CITY <i>System Size = Small</i> Worcester County	38B 1	02-13-02-02 <i>NPDES #</i> MD0022551	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 04/01/2020 <i>Construction</i> 09/01/2021 06/30/2022	1,108,150	1,108,150 <u>Loan \$</u> 1,108,150 LOAN INTEREST	IVB = 1,108,150
83 20	WASHINGTON COUNTY CAPACITY MANAGEMENT CW0006 Ben.Pop= 5,000	PROBLEM: HAGERSTOWN WWTP (ENR) AT 90% DESIGN CAPACITY (PFA STATUS CANNOT BE DETERMINED) PROJECT: CONSTRUCT NEW PUMP STATION/GRAVITY SEWER/FORCE MAIN TO INTERCEPT FLOW TO REDIRECT TO CONOCOCHIEGUE WWTP (ENR)	MARK BRADSHAW WASHINGTON CO BOARD OF COUNTY COMMISSIONERS <i>System Size = Small</i> Washington County	2A 6	02-14-05-04 <i>NPDES #</i> MD0063509	W/S: N PFA: ? PUBLIC SMALL	<i>Design</i> 04/01/2029 <i>Construction</i> 12/01/2020 06/30/2021	10,000,000	10,000,000 <u>Loan \$</u> 10,000,000 LOAN INTEREST	IVB = 10,000,000
84 20	FRUITLAND SANITARY SEWER I/I IMPROVEMENTS CW0009 Ben.Pop= 6,903	PROBLEM: I&I ENTERING COLLECTION SYSTEM ON EAST SIDE OF ROUTE 13/TAKING UP CAPACITY AT WWTP PROJECT: P/D/C REHAB 9,868 LF OF 8, 10, AND 12" SEWER MAIN USING CIPP METHOD, REHAB ~122 SEWER SERVICE LATERALS	JOHN PSOTA CITY OF FRUITLAND <i>System Size = Small</i> Wicomico County	38A 1	02-13-03-01 <i>NPDES #</i> MD0052990	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 08/01/2020 <i>Construction</i> 06/01/2021 12/31/2021	1,305,462	1,305,462 <u>Loan \$</u> 1,305,462 LOAN INTEREST	IIIA = 1,305,462
85 20	THURMONT SEWER SYSTEM I&I REDUCTION - PHASE IV CW0053 Ben.Pop= 7,100	PROBLEM: EXCESSIVE I&I IN SYSTEM CAUSING INCREASED FLOWS TO WWTP; STRAIN ON WWTP EQUIPMENT AND EXCESS TREATMENT COSTS PROJECT: CONSTRUCT REPLACEMENT OF 3113 LF 8" SEWER MAIN W/ PVC/DIP MAINS AND INSTALLING 1395 LF OF 8" CIPP LINING AND 20 NEW MANHOLES	JAMES HUMERICK COMMISSIONERS OF THURMONT <i>System Size = Small</i> Frederick County	4 8	02-14-03-03 <i>NPDES #</i> MD0021121	W/S: Y PFA: Y PUBLIC SMALL	<i>Design</i> 12/01/2019 <i>Construction</i> 03/01/2021 10/31/2021	1,790,085	1,675,085 <u>Loan \$</u> 1,675,085 LOAN INTEREST	IIIA = 1,790,085

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86 20	EVITTS CREEK CSO UPGRADES PH IV INTERCEPTOR SEWER TO ECPS CW0024 Ben.Pop= 9,130	PROBLEM: COMBINED SEWER OVERFLOWS; CONSENT ORDER #01-C-00-18342L PROJECT: STUDY OF APPROXIMATELY 6,300 LF OF 24" SEWER MAIN TO DETERMINE REHAB OR REPLACEMENT TO ADDRESS I&I ISSUES	ROBERT SMITH MAYOR AND CITY COUNCIL OF CUMBERLAND <i>System Size = Large</i> Allegany County	6 1	02-14-10-01 <i>NPDES #</i> MD0021598	W/S: Y PFA: Y PUBLIC LARGE DISADV.	 <i>Construction</i> // //	150,000	150,000 <i>Loan \$</i> 150,000 LOAN INTEREST	VA = 150,000
87 20	ROBERTS MILL ROAD SANITARY SEWER CW0042 Ben.Pop= 10,790	PROBLEM: SEVERELY DETERIORATED AGED TERRACOTTA SANITARY SEWER MAIN; SIGNIFICANT SOURCE OF INFILTRATION PROJECT: P/D/C REPLACEMENT OF 1,215 LF OF 8" TERRACOTTA SANITARY SEWER W/8" PVC; REPL 6 MANHOLES & 21 LATERALS W/6" PVC	JAMES WIEPRECHT CITY OF TANEYTOWN <i>System Size = Small</i> Carroll County	5 1	02-14-03-03 <i>NPDES #</i> MD0020602	W/S: Y PFA: Y PUBLIC SMALL	<i>Design</i> 09/01/2020 <i>Construction</i> 05/01/2021 09/30/2021	511,000	511,000 <i>Loan \$</i> 511,000 LOAN INTEREST	IIIB = 511,000
88 20	SC-926 ELECTRICAL DISTRIBUTION SYSTEM RELIABILITY IMPROVEMENTS AT PATAPSCO WWTP CW0027 Ben.Pop= 945,000	PROBLEM: ESSENTIAL TO ENSURE RELIABILITY AND OPERATIONAL CONTINUITY TO THE PATAPSCO WWTP PROJECT: CONSTRUCT SEPARATION BETW 33KV FEEDERS; NEW DUCT BANK SYS W/MONITORING; MOVE EQUIP TO PROTECT FM FLOODING; BGE POWER FEEDERS	TROY BROGDEN 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> 12/01/2014 <i>Construction</i> 07/01/2020 07/31/2023	93,960,000	21,772,800 <i>Loan \$</i> 21,772,800 LOAN INTEREST	IVB = 93,960,000
89 20	SC-926 ELECTRICAL DISTRIBUTION SYSTEM RELIABILITY IMPROVEMENTS AT PATAPSCO WWTP CW0074	PROBLEM: ESSENTIAL TO ENSURE RELIABILITY AND OPERATIONAL CONTINUITY TO THE PATAPSCO WWTP PROJECT: CONSTRUCT SEPARATION BETW 33KV FEEDERS; NEW DUCT BANK SYS W/MONITORING; MOVE EQUIP TO PROTECT FM FLOODING; BGE POWER FEEDERS	ROBERT J. 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> 12/01/2014 <i>Construction</i> 07/01/2020 07/31/2023	0	63,892,800 <i>Loan \$</i> 63,892,800 LOAN INTEREST	
90 15	HAGERSTOWN WASTEWATER COLLECTION REHABILITATION PHASE 1B CW0080 Ben.Pop= 25,000	PROBLEM: EXCESSIVE INFLOW & INFILTRATION IN COLLECTION SYSTEM PROJECT: CONSTRUCT REHAB OF ~2500 LF 20" & 36" SANITARY SEWER PIPE PRIMARILY USING CIPP METHOD; SEALING OF LATERALS; MANHOLE REHAB	JOSEPH MOSS CITY OF HAGERSTOWN <i>System Size = Large</i> Washington County	2B 6	02-14-05-02 <i>NPDES #</i> MD0021776	W/S: Y PFA: 1 PUBLIC DISADV.	<i>Design</i> 07/01/2019 <i>Construction</i> 07/01/2021 12/31/2021	1,900,000	1,500,000 LOAN UNWANTED	IIIA = 1,900,000

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91 10	LOCKWOOD ROAD PUMP STATION CW0096 Ben.Pop= 133	PROBLEM: EXISTING PRIVATE PUMP STATION HAS NOT BEEN OPERATIONAL RESULTING IN SEWER OVERFLOWS; ADD'L USERS TO BE CONNECTED PROJECT: DESIGN/CONSTRUCT REHAB OF THE WETWELL, CLEAN FORCEMAIN, REPLACE PUMPS, ETC. TOWN TO TAKE OWNERSHIP	DONNIE STOTELMYER TOWN OF WILLIAMSPORT Washington County <i>System Size = Small</i>	1A 6	02-14-05-01 NPDES # MD0063509	W/S: Y PFA: 1 PUBLIC DISADV.	<i>Design</i> 03/01/2020 <i>Construction</i> 10/01/2020 01/30/2021	155,000	130,000 LOAN UNWANTED	IIIB = 155,000
92 10	CONSTRUCT BAINBRIDGE SEWER INTERCEPTOR CW0020 Ben.Pop= 500	PROBLEM: SEWER SERVICE NEEDED FOR REDEVELOPMENT OF THE FORMER BAINBRIDGE MILITARY BASE PROJECT: CONSTRUCT 11,350 LF OF 10" SEWER MAIN TO CONNECT SITE TO PORT DEPOSIT WWTP; POTENTIAL FUTURE CONNECTION OF MOBILE HOME PARKS	PHILIP MUZIK CECIL COUNTY GOVERNMENT Cecil County <i>System Size = Large</i>	35B 1	02-12-02-01 NPDES # MD0020796	W/S: Y PFA: Y LARGE DISADV.	<i>Design</i> 06/01/2020 <i>Construction</i> 08/01/2021 08/31/2022	5,500,000	4,000,000 <u>Loan \$</u> 4,000,000 LOAN INTEREST	IVA = 5,500,000
93 10	UNION BRIDGE I&I REDUCTION IN SEWERAGE COLLECTION SYSTEM CW0055 Ben.Pop= 1,525	PROBLEM: EXCESS I&I LIMITING HYDRAULIC SEWER CAPACITY & TREATMENT CAPACITY AT WWTP; CAPACITY REDUCED; INCREASED OPERATING COSTS PROJECT: FURTHER STUDY; P/D/C REPLACEMENT/LINING/SPOT REPAIRS/MANHOLE INSERTS OF COLLECTION SYSTEM WHICH CONSISTS OF 32,000 LF INC MH	MIKE REYNOLDS THE TOWN OF UNION BRIDGE Carroll County <i>System Size = Small</i>	4B 6	02-14-03-03 NPDES # MD0022454	W/S: Y PFA: Y PUBLIC SMALL	<i>Design</i> 01/01/2021 <i>Construction</i> 12/01/2021 06/30/2023	6,754,300	6,677,000 <u>Loan \$</u> 6,677,000 LOAN INTEREST	IIIA = 6,754,300
94 10	HURLOCK WASTEWATER TREATMENT PLANT FILTER UPGRADE CW0063 Ben.Pop= 2,230	PROBLEM: SAND FILTERS NOT OPERATING AT FULL CAPACITY (RATED FOR 1.65 MGD BUT TREATING ONLY 1 MGD) PROJECT: P/D/C EXPANSION OF THE SAND FILTERS TO DOUBLE CAPACITY	JOHN AVERY TOWN OF HURLOCK Dorchester County <i>System Size = Small</i>	37A 1	02-13-03-06 NPDES # MD0022730	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 05/01/2020 <i>Construction</i> 04/01/2021 09/30/2021	1,321,775	1,321,775 <u>Loan \$</u> 1,321,775 LOAN INTEREST	II = 1,321,775
95 10	FEDERALSBURG WWTP REPLACEMENT CW0079 Ben.Pop= 3,600	PROBLEM: CURRENT 0.75 MGD ENR WWTP IS OLD W/ANTIQUATED & OBSOLETE EQUIPMENT PROJECT: P/D/C NEW 1.0 MGD WWTP WITH LATEST ENR TECHNOLOGY AND EFFICIENCY	KRISTY L. MARSHALL MAYOR AND COUNCIL OF THE TOWN OF FEDERALSBURG Caroline County <i>System Size = Small</i>	37B 1	02-13-03-06 NPDES # MD0020249	W/S: Y PFA: Y PUBLIC SMALL DISADV.	<i>Design</i> 09/01/2020 <i>Construction</i> 11/01/2021 11/30/2023	16,164,520	16,164,520 <u>Loan \$</u> 16,164,520 LOAN INTEREST	II = 16,164,520

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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
96 10	HAGERSTOWN PUMP STATION NO. 33 CW0081 Ben.Pop= 25,000	PROBLEM: EXISTING PUMP STATION NO. 9 IS AT CAPACITY AND NOT LOCATED IN AN AREA WHERE IT CAN BE UPGRADED/EXPANDED PROJECT: D/C NEW REPLACEMENT PUMP STATION (NO. 33) APPROX 1000 FT FROM EXISTING, INC. NEW GRAVITY SEWER AND DISCHARGE FORCE MAIN	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: 1 PUBLIC DISADV.	<i>Design</i> 07/01/2020 <i>Construction</i> 07/01/2021 12/31/2021	1,575,000	1,500,000 LOAN UNWANTED	IVB = 1,575,000
97 10	CUNNINGHAM FALLS STATE PARK COLLECTION/CONVEYANCE IMPROVEMENT CW0048	PROBLEM: EXCESSIVE I&I IN THE SYSTEM/TO WWTP; STUDY UNDERWAY PROJECT: P/D/C REHAB/REPAIRS WITHIN THE 17,325 LF SYSTEM OF 6 - 8" PIPE AS IDENTIFIED BY THE STUDY	ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE <i>System Size = Small</i> Frederick County	4 8	02-14-03-03 <i>NPDES #</i> MD0021121	W/S: Y PFA: 1 PUBLIC	<i>Design</i> 07/01/2020 <i>Construction</i> 12/01/2021 06/30/2023	5,000,000	5,000,000 LOAN UNWANTED	IIIB = 5,000,000
98 10	GREENBRIER STATE PARK COLLECTION/CONVEYANCE IMPROVEMENT CW0052	PROBLEM: EXCESSIVE I&I IN THE SYSTEM PROJECT: P/D/C REHAB THE SEWER COLLECTION SYSTEM (5295 LF 6" AND 6849 LF OF 8" GRAVITY SEWERS & 50 MANHOLES) AS DETERMINED BY STUDY	ELLEN A. FRKETIC MARYLAND ENVIRONMENTAL SERVICE <i>System Size = Small</i> Washington County	4 8	02-14-05-02 <i>NPDES #</i> MD0023868	W/S: Y PFA: 1 PUBLIC	<i>Design</i> 07/01/2020 <i>Construction</i> 12/01/2021 05/31/2023	2,260,000	2,260,000 LOAN UNWANTED	IIIB = 2,260,000
99 0	TALBOT COUNTY BIOSOLIDS FACILITY REFINANCING CW0098 Ben.Pop= 9,500	PROBLEM: COUNTY HAS OUTSTANDING BALANCE ON USDA LOAN FOR BIOSOLIDS FACILITY THAT HAS BEEN CONSTRUCTED PROJECT: REFINANCE OUTSTANDING DEBT	RAY CLARKE, PE TALBOT COUNTY GOVERNMENT <i>System Size = Small</i> Talbot County	1		W/S: ? PFA: ? Compliance PUBLIC SMALL	<i>Construction</i> / / / /	7,000,000	7,000,000 <i>Loan \$</i> 7,000,000 LOAN INTEREST	O = 7,000,000
<i>Totals ...</i>								\$1,055,040,472	\$ 838,307,762	

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 | VIIIL. 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
PFA: 5 = Exception Granted