

Maryland FINAL Project Priority List for Federal FY2021 & State FY2023

Friday, August 13, 2021

Drinking 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	Project Details	Milestone Dates	Total Cost Green Cost	MDE Requested Funding
1 102 AUDIT	CHESAPEAKE HEIGHTS WATER DISTRIBUTION SYSTEM REPLACEMENT (MD0040018) Ben.Pop= 705 DW0008	PROBLEM: FREQUENT LEAKS/BREAKS OF 2" GALVANIZED WATER MAIN MAKE SYSTEM SUSCEPTIBLE TO BACKFLOW AND CONTAMINANTS PROJECT: D/C REPLACEMENT OF 26,939 LF W/4" - 8" C-900 PIPE, INC. NEW VALVES AND FIRE HYDRANTS	EMILY MATTHEWS CALVERT COUNTY BOARD OF COUNTY COMMISSIONERS <i>System Size = Small</i> Calvert County	27C 5	W/S: Y PFA: 2 CD: 1 PUBLIC LARGE	<i>Design</i> 03/01/2021 <i>Construction</i> 12/01/2021 12/31/2022	1,100,000 TRANSMISSION/ DISTRIBUTION	1,000,000 <u>Loan \$</u> 1,000,000 LOAN INTEREST
2 100 AUDIT	HANCOCK WATER DISTRIBUTION SYSTEM IMPROVEMENTS, PHASE 1 (MD) Ben.Pop= 4,100 DW0027	PROBLEM: FAILING WATER DISTRIBUTION MAINS AND UNSERVED ANNEXED PORTION OF TOWN (INC LANCO) ON PRIVATE WELL PROJECT: D/C REPLACEMENT OF 19,200 LF DISTRIBUTION MAINS/METERS; 3600 LF EXT'N FOR WATER SERVICE TO ANNEXED PORTION OF TOWN (INC LANCO)	JOSEPH GILBERT TOWN OF HANCOCK <i>System Size = Small</i> Washington County	1C 6	W/S: Y PFA: Y CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 04/01/2021 <i>Construction</i> 05/01/2022 05/31/2023	7,630,000 TRANSMISSION/ DISTRIBUTION	7,610,000 <u>Loan \$</u> 7,610,000 LOAN INTEREST
3 95 AUDIT PLAN	CASCADE TOWN CENTER WATER SYSTEM IMPROVEMENTS (MD0210007) Ben.Pop= 650 DW0028	PROBLEM: NEGLECTED WATER SYSTEM AT FORMER FORT RITCHIE BASE; INOPERATIONAL WELLS (#4 IS GWUDI) AND PUMPS PROJECT: D/C UPGRADES TO REPLACE CONTROLS AND PUMPS AT WELL #5 AND #7 TO SUPPLY WATER TO HIGHFIELD/CASCADE/PEN MAR; ABANDON	MARK BRADSHAW WASHINGTON COUNTY BOARD OF COUNTY COMMISSIONERS <i>System Size = Small</i> Washington County	2A 6	W/S: Y PFA: Y CD: 1 PUBLIC SMALL	<i>Design</i> 10/01/2020 <i>Construction</i> 10/01/2021 12/31/2021	100,000 SOURCE	75,000 <u>Loan \$</u> 75,000 LOAN INTEREST
4 85 AUDIT PLAN	TOWN OF VIENNA WATER TREATMENT PLANT REPLACEMENT (MD0090008) Ben.Pop= 600 DW0016	PROBLEM: AGING WTP AT A DISTANCE FROM TOWN IMPACTS CHLORINATION/FLUORIDATION; CONTROL SYSTEMS CORRODING; IRON EXCEEDANCES PROJECT: D/C NEW WTP ADJACENT TO EXISTING WATER TOWER W/SCADA AND CONTROL ROOM SEPARATE FROM TREATMENT	CINDY MCFARLANE COMMISSIONERS OF VIENNA <i>System Size = Small</i> Dorchester County	37B 1	W/S: Y PFA: 2 CD: 1 Compliance PUBLIC SMALL DISADV.	<i>Design</i> 05/01/2021 <i>Construction</i> 11/01/2021 07/31/2022	525,174 TREATMENT	512,674 <u>Loan \$</u> 512,674 LOAN INTEREST
5 82 AUDIT PLAN	EDGEWATER BEACH WATER SYSTEM EXTENSION (MD0020004) Ben.Pop= 418 DW0003	PROBLEM: COMMUNITY DEVELOPED ON PRIVATE WELLS AND OSDS; 3 WELLS HAVE ELEVATED NITRATES ABOVE STANDARDS PROJECT: P/D/C WATER SYSTEM EXTENSION TO CONNECT 167 HOMES TO COUNTY-OWNED PUBLIC WATER SYSTEM	KIMBERLY CLUNEY ANNE ARUNDEL COUNTY * <i>System Size = Large</i> Anne Arundel County	30B 4	W/S: Y PFA: 5 CD: 1 PUBLIC SMALL	<i>Design</i> 03/01/2021 <i>Construction</i> 11/01/2022 02/28/2024	5,850,902 TRANSMISSION/ DISTRIBUTION	5,850,902 <u>Loan \$</u> 5,850,902 LOAN INTEREST

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6 80 AUDIT PLAN	SNOW HILL PURNELL STREET WATER IMPROVEMENTS (MD0230007) Ben.Pop= 133 DW0037	PROBLEM: AGED 4" CAST IRON PIPING CREATES FLOW CONSTRICTIONS, AESTHETIC WATER QUALITY ISSUES, AND HIGH MAINTENANCE	GARY WEBER TOWN OF SNOW HILL	28B 1	W/S: Y PFA: Y CD: 1 PUBLIC	<i>Design</i> 06/01/2021	792,930 TRANSMISSION/ DISTRIBUTION	782,930 <u>Loan \$</u> 782,930 LOAN INTEREST
		PROJECT: D/C REPLACEMENT OF 2250 LF W/8" PVC LINE, SERVICE CONNECTIONS, AND METER PITS <i>System Size = Small</i> Worcester County	DISADV. 12/31/2022		<i>Construction</i> 07/01/2022			
7 80	MARTINGHAM WELL REPLACEMENT (MD0200004) Ben.Pop= 783 DW0026	PROBLEM: AGING SOURCE WATER WELL (WELL #1) OPERATING AT 50% CAPACITY AND HAD DETERIORATED CASING	JAY FRENCH MARTINGHAM UTILITIES COOPERATIVE	37B 1	W/S: Y PFA: 2 CD: 1 PRIVATE	<i>Design</i> 07/01/2021	199,000 SOURCE	170,100 <u>Loan \$</u> 170,100 LOAN INTEREST
		PROJECT: D/C REPLACEMENT WELL #1 IN AQUIA AQUIFER TO OPERATE IN CONJUNCTION WITH EXISTING WELL #2 <i>System Size = Small</i> Talbot County	DISADV. 04/30/2022		<i>Construction</i> 03/01/2022			
8 80	OAKLAND WATER PLANTS REHAB (MD0110008) Ben.Pop= 2,500 DW0018	PROBLEM: AGING PLANT COMPONENTS, PARTICULARLY AGING/FAILING VALVES AND RAW WATER PUMP STATION	GWEN M. EVANS MAYOR AND TOWN COUNCIL OF OAKLAND	1A 6	W/S: Y PFA: 2 CD: 1 PUBLIC	<i>Design</i> 07/01/2021	365,000 TREATMENT	365,000 <u>Loan \$</u> 365,000 LOAN INTEREST
		PROJECT: P/D/C INSTALLATION OF REPLACEMENT INFLUENT, FILTER DRAIN, AND RAW WATER VALVES AS WELL AS SYSTEM CONTROLS AT PUMP STATION <i>System Size = Small</i> Garrett County	DISADV. 07/31/2022		<i>Construction</i> 10/01/2021			
9 75	MIDLAND/GILMORE RAW WATER STORAGE TANK (MD0010018) Ben.Pop= 4,500 DW0001	PROBLEM: HIGH HAZARD DAM THAT CREATES RAW DW IMPOUNDMENT BEING REMOVED (SEE CW0089/23)	TYLER RAYNER TOWN OF LONACONING	6 1A	W/S: Y PFA: 2 CD: 1 PUBLIC	<i>Design</i> 08/01/2021	7,935,000 SOURCE	7,935,000 <u>Loan \$</u> 7,935,000 LOAN INTEREST
		PROJECT: P/D/C NEW 6 MG CONCRETE TANK AND RAW WATER PUMP STATION INTAKE IN ELK LICK RUN <i>System Size = Small</i> Allegany County	DISADV. 04/30/2024		<i>Construction</i> 12/01/2022			
10 72 AUDIT PLAN	BOWIE WATER TREATMENT PLANT FILTER SYSTEM UPGRADE (MD0160002) Ben.Pop= 25,500 DW0020	PROBLEM: AGING FACILITY, ISSUES, ESP. FILTRATION SYSTEM - MEDIA HEAVILY COATED W/METALS, IMPAIRED FUNCTION OF VALVES/INSTRUMENTS	SAM KUMAR CITY OF BOWIE	23B 5	W/S: Y PFA: Y CD: 1 PUBLIC	<i>Design</i> 06/01/2021	1,850,000 TREATMENT	1,850,000 LOAN UNWANTED
		PROJECT: D/C REPAIR/UPGRADE PORTIONS OF FILTRATION SYSTEM (CONTROLS, VALVES, MEDIA, BACKWASH FLOW METER TRANSMITTER), NEW VENTILATION <i>System Size = Large</i> Prince George's County	DISADV. 05/31/2024		<i>Construction</i> 10/01/2022			

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11 70	GREEN MEADOWS WATER COMPANY WATER SYSTEM RESTORATION - DISTRIBUTION (MD0080017) Ben.Pop= 83 DW0012	PROBLEM: AGING PRIVATE WATER SYSTEM IN NEED OF UPDATING PROJECT: D/C REPLACEMENT OF 1320 3" IRON DUCTILE LINE, SIX MAIN SHUTOFF VALVES, 33 VALVES AND METERS AT HOMES	KENNETH BONECK GREEN MEADOWS WATER COMPANY, INC. <i>System Size = Small</i> Charles County	28 5	W/S: Y PFA: 2 CD: 2 PRIVATE SMALL	<i>Design</i> 12/01/2021 <i>Construction</i> 10/01/2022 06/30/2023	180,500 TRANSMISSION/ DISTRIBUTION	167,143 <u>Loan \$</u> 167,143 LOAN INTEREST
12 67 AUDIT PLAN	TANEYTOWN ROBERTS MILL ROAD WATER MAIN REPLACEMENT (MD0060012) Ben.Pop= 7,040 DW0011	PROBLEM: FREQUENT BREAKS IN AGING 6" IRON AND ASBESTOS CEMENT WATER MAIN LEADING TO WATER LOSS PROJECT: P/D/C REPLACEMENT OF 1650 LF W/ 8" DUCTILE IRON WATER MAIN AND COPPER LATERALS	JIM WIEPRECHT CITY OF TANEYTOWN <i>System Size = Small</i> Carroll County	5 1	W/S: Y PFA: Y CD: 1 PUBLIC SMALL	<i>Design</i> 09/01/2021 <i>Construction</i> 05/01/2022 09/30/2022	611,000 TRANSMISSION/ DISTRIBUTION	611,000 <u>Loan \$</u> 611,000 LOAN INTEREST
13 67 AUDIT PLAN	BOWIE WATER MAIN RECAPITALIZATION (MD0160002) Ben.Pop= 25,500 DW0019	PROBLEM: SEVERELY TUBERCULATED WATER MAINS CAUSING DISCOLORED WATER W/HIGH IRON, LOW PRESSURE/WATER FLOW PROJECT: D/C REPLACEMENT OF 7.5 MILES OF WATER MAIN OVER 10 ANNUAL PHASES OF CONSTRUCTION	PATRICK RUSH CITY OF BOWIE <i>System Size = Large</i> Prince George's County	23 5	W/S: Y PFA: Y CD: 1 PUBLIC	<i>Design</i> 02/01/2022 <i>Construction</i> 12/01/2022 03/31/2027	14,906,580 TRANSMISSION/ DISTRIBUTION	7,545,400 LOAN UNWANTED
14 65 AUDIT PLAN	SMITHSBURG EAST WATER STREET WATER MAIN UPGRADE (MD0210018) Ben.Pop= 315 DW0029	PROBLEM: RESIDENTS EXPERIENCING LOW FLOW AND PRESSURE DUE TO 8" MAIN HAVING BEEN CONNECTED TO 6" MAIN PROJECT: D/C ONE OF TWO OPTIONS (REPLACE 6" W/8" OR INSTALL NEW 8" ALONG NEW "PATH" AND LEAVE EXISTING 6" TO LOOP SYSTEM)	DEBRA SMITH TOWN OF SMITHSBURG <i>System Size = Small</i> Washington County	2A 6	W/S: Y PFA: Y CD: 1 PUBLIC SMALL	<i>Design</i> 07/01/2021 <i>Construction</i> 12/01/2021 04/30/2022	375,750 TRANSMISSION/ DISTRIBUTION	368,500 <u>Loan \$</u> 368,500 LOAN INTEREST
15 65	TOWN OF VIENNA WELLS REPLACEMENT PROJECT (MD0090008) Ben.Pop= 600 DW0017	PROBLEM: TASTE, ODOR, AND COLOR PROBLEMS FROM HIGH IRON AND MANGANESE IN RAW WATER (WELLS IN SHALLOW PLEISTOCENE AQUIFER) PROJECT: D/C TWO NEW WELLS IN ONE OF FOUR DEEPER AQUIFERS (PINEY POINT, FREDERICA, FEDERALSBURG, OR CHESWOLD)	CINDY MCFARLANE COMMISSIONERS OF VIENNA <i>System Size = Small</i> Dorchester County	37B 1	W/S: Y PFA: 2 CD: 1 Compliance PUBLIC SMALL DISADV.	<i>Design</i> 05/01/2021 <i>Construction</i> 09/01/2021 12/31/2021	1,301,063 SOURCE	1,288,563 <u>Loan \$</u> 1,288,563 LOAN INTEREST

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16 65 GREEN (W) AUDIT PLAN	SECRETARY WATER METER REPLACEMENT PROJECT (MD0090007) Ben.Pop= 605 DW0015	PROBLEM: AGING MECHANICAL READ METERS CONTAIN LEAD AND PROVIDE NO LEAK DETECTION AND INACCURATE READINGS PROJECT: P/D/C INSTALLATION OF REMOTE READ METERS	YVONNE PRITCHETT SECRETARY TOWN COMMISSIONERS <i>System Size = Small</i> Dorchester County	37B 1	W/S: Y PFA: Y CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 09/01/2021 <i>Construction</i> 06/01/2022 12/31/2022	395,000 <i>Green \$</i> 395,000 TRANSMISSION/ DISTRIBUTION	395,000 <i>Loan \$</i> 395,000 LOAN INTEREST
17 62 AUDIT PLAN	HERITAGE HARBOR WATER TAKEOVER SYSTEM IMPROVEMENTS PROJECT (MD0020004) Ben.Pop= 265 DW0004	PROBLEM: PETITION FROM PRIVATELY-OWNED SYSTEM EXPERIENCING WATER SHORTAGE/PRESSURE LOSS FOR PUBLIC SERVICE PROJECT: P/D/C 2830 LF 4" PVC MAIN TO CONNECT TO COUNTY-OWNED DW SYSTEM; REPLACE METERS	KIMBERLY CLUNEY ANNE ARUNDEL COUNTY * <i>System Size = Large</i> Anne Arundel County	30B 4	W/S: Y PFA: Y CD: 1 PUBLIC SMALL	<i>Design</i> 12/01/2017 <i>Construction</i> 10/01/2021 10/31/2022	1,872,662 TRANSMISSION/ DISTRIBUTION	1,872,662 <i>Loan \$</i> 1,872,662 LOAN INTEREST
18 62 AUDIT PLAN	WC-1243 CROMWELL PUMPING STATION REHABILITATION (MD300002) Ben.Pop= 1,800,000 DW0006	PROBLEM: AGING PUMPING STATION NECESSARY PART OF SYSTEM TO PROVIDE SAFE/RELIABLE DRINKING WATER PROJECT: CONSTRUCT REPAIR/REPLACE/REHAB OF EQUIPMENT, SYSTEMS, AND STRUCTURE INC. CHLORINATION SYSTEM	TROY BROGDEN MAYOR AND CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City	8 3	W/S: Y PFA: Y CD: 1 PUBLIC LARGE DISADV.	<i>Design</i> 06/01/2015 <i>Construction</i> 02/01/2022 12/31/2025	43,917,046 TRANSMISSION/ DISTRIBUTION	11,907,000 <i>Loan \$</i> 11,907,000 LOAN INTEREST
19 62 AUDIT PLAN	WC-1243 CROMWELL PUMPING STATION REHABILITATION (MD3000002) Ben.Pop= ? DW0039	PROBLEM: AGING PUMPING STATION NECESSARY PART OF SYSTEM TO PROVIDE SAFE/RELIABLE DRINKING WATER PROJECT: CONSTRUCT REPAIR/REPLACE/REHAB OF EQUIPMENT, SYSTEMS, AND STRUCTURE INC. CHLORINATION SYSTEM	ROBERT J. BURROS BALTIMORE COUNTY, MARYLAND <i>System Size = Large</i>	8 3	W/S: Y PFA: Y CD: 1 PUBLIC LARGE DISADV.	<i>Design</i> 06/01/2015 <i>Construction</i> 02/01/2022 12/31/2025	0 TRANSMISSION/ DISTRIBUTION	28,546,080 <i>Loan \$</i> 28,546,080 LOAN INTEREST
20 60	ROUTE 36 WATER LINE REPLACEMENT (MD0010009) Ben.Pop= 130 DW0002	PROBLEM: AGING DUCTILE IRON LINE - ONLY LINE TO CUSTOMERS & EMERGENCY CONNECTION TO LONACONING - CORRODING/FAILING DUE TO ACIDIC SOILS PROJECT: D/C REHAB/REPLACEMENT OF 15,000 LF OF LINE; LINE TO BE MAINTAINED BY COUNTY	JAMES L. WEBBER P.E. ALLEGANY COUNTY COMMISSIONERS <i>System Size = Small</i> Allegany County	1B 6	W/S: Y PFA: 2 CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 05/01/2021 <i>Construction</i> 03/01/2022 09/30/2022	1,500,000 TRANSMISSION/ DISTRIBUTION	1,350,000 <i>Loan \$</i> 1,350,000 LOAN INTEREST

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21 57 AUDIT PLAN	TOWN CREEK WATER SYSTEM, PHASE 2 (MD0180007) Ben.Pop= 230 DW0025	PROBLEM: AGING WATER DISTRIBUTION SYSTEM W/GALVANIZED LINES THAT ARE UNDERSIZED AND DETERIORATING PROJECT: P/D/C NEW DISTRIBUTION SYSTEM OF 7500 LF OF 8" LINES, 92 SERVICE LINES, NEW VALVES, HYDRANTS AND RADIO READ METERS	JOY POTTER ST. MARY'S COUNTY METROPOLITAN COMMISSION <i>System Size = Large</i> St. Mary's County	29C 5	W/S: Y PFA: Y CD: 1 PUBLIC LARGE	<i>Design</i> 06/01/2019 <i>Construction</i> 01/01/2022 03/31/2022	3,098,991 TRANSMISSION/ DISTRIBUTION	3,098,991 <u>Loan \$</u> 3,098,991 LOAN INTEREST
22 55 AUDIT PLAN	SNOW HILL COULBOURNE LANE WELL BACKUP POWER (MD0230007) Ben.Pop= 2,368 DW0036	PROBLEM: TOWN'S LARGEST DRINKING WATER PRODUCTION WELL LACKS BACKUP POWER; LOSS OF POWER SIGNIFICANTLY AFFECTS SYSTEM FLOW/PRESSURE PROJECT: D/C INSTALLATION OF AN EMERGENCY GENERATOR AND AUTOMATIC BACKUP SWITCH	GARY WEBER TOWN OF SNOW HILL <i>System Size = Small</i> Worcester County	28B 1	W/S: Y PFA: Y CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 07/01/2021 <i>Construction</i> 06/01/2022 07/31/2022	202,060 SOURCE	197,060 <u>Loan \$</u> 197,060 LOAN INTEREST
23 52 AUDIT PLAN	BOWIE WATER TREATMENT PLANT WELL REPLACEMENT (MD0160002) Ben.Pop= 25,500 DW0024	PROBLEM: WELL #6 HAS SEAM FAILURE, RESULTING IN SEDIMENT FILL AT THE BOTTOM PROJECT: P/D/C REPLACEMENT OF WELL #6 OR REHAB OF WELL #5	SAM KUMAR CITY OF BOWIE <i>System Size = Large</i> Prince George's County	23B 5	W/S: Y PFA: Y CD: 1 PUBLIC	<i>Design</i> 11/01/2021 <i>Construction</i> 11/01/2022 10/31/2023	1,075,000 TRANSMISSION/ DISTRIBUTION	1,075,000 LOAN UNWANTED
24 50 AUDIT PLAN	GREEN MEADOWS WATER COMPANY WATER SYSTEM RESTORATION - STORAGE (MD0080017) Ben.Pop= 83 DW0013	PROBLEM: AGING PRIVATE SYSTEM IN NEED OF UPDATING; CURRENT TANK OPERATING BEYOND NORMAL EXPECTED LIFE PROJECT: D/C INSTALLATION OF NEW 5300 G HYDROPNEUMATIC STORAGE TANK, REPLACE PUMPHOUSE PLUMBING AND INSTALL NEW FLOW METERS	KENNETH BONECK GREEN MEADOWS WATER COMPANY, INC. <i>System Size = Small</i> Charles County	28 5	W/S: Y PFA: 2 CD: 2 Compliance PRIVATE SMALL	<i>Design</i> 12/01/2021 <i>Construction</i> 07/01/2022 10/31/2023	150,000 STORAGE	138,900 <u>Loan \$</u> 138,900 LOAN INTEREST
25 47 GREEN (W)	TOWN OF FEDERALSBURG WATER METER UPGRADES (MD0050002) Ben.Pop= 2,800 DW0010	PROBLEM: AGING MANUAL READ METERS ARE INACCURATE PROJECT: D/C REPLACE ALL ~1143 METERS WITH RADIO READ TO IMPROVE BILLING	LAWRENCE P. DIRE MAYOR AND COUNCIL OF THE TOWN OF FEDERALSBURG <i>System Size = Small</i> Caroline County	37B 1	W/S: Y PFA: Y CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 06/01/2021 <i>Construction</i> 05/01/2022 12/31/2022	972,834 <u>Green \$</u> 942,834 TRANSMISSION/ DISTRIBUTION	942,834 <u>Loan \$</u> 942,834 LOAN INTEREST

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26 47 GREEN (W)	TOWN OF FEDERALSBURG WELL SCADA PROJECT (MD0050002) Ben.Pop= 2,800 DW0009	PROBLEM: TOWN HAS NO INTERNAL MONITORING THAT ALERTS TO BREAKS/SYSTEM ISSUES PROJECT: P/D/C INSTALLATION OF SCADA SYSTEM TO IMPROVE OPERATIONAL EFFICIENCY/IMPROVE UNIFORMITY OF CHLORINE DOSING	LAWRENCE P. DIRE MAYOR AND COUNCIL OF THE TOWN OF FEDERALSBURG <i>System Size = Small</i> Caroline County	37B 1	W/S: Y PFA: Y CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 06/01/2020 <i>Construction</i> 05/01/2022 09/30/2022	200,160 <i>Green \$</i> 200,160 TRANSMISSION/ DISTRIBUTION	200,160 <i>Loan \$</i> 200,160 LOAN INTEREST
27 47 AUDIT PLAN	BOWIE LOW LIFT PUMP STATION UPGRADE (MD0160002) Ben.Pop= 25,500 DW0022	PROBLEM: AGING LOW LIFT PUMP STATION AT WATER TREATMENT PLANT PROJECT: P/D/C UPGRADES OF COMPONENTS, INC. EMERGENCY STOP CONTROLS, PUMPS/MOTORS, CHECK VALVES, MOTOR CONTROL CENTER	SAM KUMAR CITY OF BOWIE <i>System Size = Large</i> Prince George's County	23B 5	W/S: Y PFA: Y CD: 1 PUBLIC	<i>Design</i> 07/01/2021 <i>Construction</i> 08/01/2022 10/31/2023	1,300,000 TREATMENT	1,300,000 LOAN UNWANTED
28 45	TOWN OF HEBRON WATER TREATMENT PLANT (MD0220002) Ben.Pop= 1,575 DW0034	PROBLEM: AGING/INEFFICIENT WTP NOT CONFIGURED TO WORK IN CONJUNCTION WITH PLANNED NEW WATER TOWER (SEE DW0033/23) PROJECT: P/D/C NEW EFFICIENT WTP CONFIGURED TO WORK IN CONJUNCTION W/PLANNED NEW WATER TOWER	ROBERT D. RAUCH, P.E. TOWN OF HEBRON <i>System Size = Small</i> Wicomico County	37A 1	W/S: Y PFA: Y CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 04/01/2021 <i>Construction</i> 11/01/2021 10/31/2022	611,162 TREATMENT	565,036 <i>Loan \$</i> 565,036 LOAN INTEREST
29 42 AUDIT PLAN	BOWIE WATER TREATMENT PLANT SCADA IMPLEMENTATION (MD0160002) Ben.Pop= 25,500 DW0023	PROBLEM: FREQUENT PROCESS CONTROL COMMUNICATION ISSUES AT WTP PROJECT: P/D/C SCALABLE SCADA SYSTEM	SAM KUMAR CITY OF BOWIE <i>System Size = Large</i> Prince George's County	23B 5	W/S: Y PFA: Y CD: 1 PUBLIC	<i>Design</i> 04/01/2021 <i>Construction</i> 07/01/2022 06/30/2024	400,000 TREATMENT	400,000 LOAN UNWANTED
30 42 AUDIT PLAN	WC-1229 VERNON PUMPING STATION REHABILITATION (MD300002) Ben.Pop= 1,800,000 DW0005	PROBLEM: AGING PUMPING STATION NECESSARY PART OF SYSTEM TO PROVIDE SAFE/RELIABLE DRINKING WATER PROJECT: CONSTRUCT REPAIR/REPLACE/REHAB OF EQUIPMENT, SYSTEMS, AND STRUCTURE INC. INSTALLATION OF EMERGENCY GENERATOR	TROY BROGDEN MAYOR & CITY COUNCIL OF BALTIMORE <i>System Size = Large</i> Baltimore City	43 7	W/S: Y PFA: Y CD: 1 PUBLIC LARGE DISADV.	<i>Design</i> 08/01/2015 <i>Construction</i> 02/01/2022 06/30/2025	56,008,270 TRANSMISSION/ DISTRIBUTION	26,244,000 <i>Loan \$</i> 26,244,000 LOAN INTEREST

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31 42 AUDIT PLAN	WC-1229 VERNON PUMPING STATION REHABILITATION (MD3000002) Ben.Pop= ? DW0038	PROBLEM: AGING PUMPING STATION NECESSARY PART OF SYSTEM TO PROVIDE SAFE/RELIABLE DRINKING WATER PROJECT: CONSTRUCT REPAIR/REPLACE/REHAB OF EQUIPMENT, SYSTEMS, AND STRUCTURE INC. INSTALLATION OF EMERGENCY GENERATOR	ROBERT J. BURROS BALTIMORE COUNTY, MARYLAND <i>System Size = Large</i>	43 7	W/S: Y PFA: Y CD: 1 PUBLIC LARGE DISADV.	<i>Design</i> 06/01/2015 <i>Construction</i> 02/01/2022 06/30/2025	0 TRANSMISSION/ DISTRIBUTION	22,403,308 <u>Loan \$</u> 22,403,308 LOAN INTEREST
32 40 GREEN (W) AUDIT	SMITHSBURG WATER METER REPLACEMENT/UPGRADE PROGRAM (MD0210018) Ben.Pop= 3,000 DW0030	PROBLEM: LARGE PORTION OF TOWN ON AGING MANUAL READ METERS PROJECT: CONSTRUCT REPLACEMENT OF ~1200 WATER METERS TO FULLY AUTOMATIC METER READING SYSTEM, INC VAULTS, FOR IMPROVED EFFICIENCY	DEBRA SMITH TOWN OF SMITHSBURG <i>System Size = Small</i> Washington County	2A 6	W/S: Y PFA: Y CD: 1 PUBLIC SMALL	<i>Construction</i> 12/01/2021 06/30/2022	615,000 <u>Green \$</u> 615,000 TRANSMISSION/ DISTRIBUTION	615,000 <u>Loan \$</u> 615,000 LOAN INTEREST
33 40 GREEN (W) AUDIT PLAN	SALISBURY WATER METER CONVERSION AMR V.4 TO AMI V.5 (MD0220003) Ben.Pop= 36,205 DW0031	PROBLEM: EXISTING AMR V.4 METERS HAVE REACHED END OF 10-YEAR BATTERY LIFESPAN PROJECT: CONSTRUCT REPLACEMENT OF 11,367 UNITS W/ AMR V.5 THAT HAVE ANALOG BACKUP, REPLACE BOXES W/ R900i REGISTERS & INSTALL ANTENNAS	CHARLES F. KULP CITY OF SALISBURY <i>System Size = Large</i> Wicomico County	38B 1	W/S: Y PFA: 2 CD: 1 PUBLIC LARGE DISADV.	<i>Design</i> 07/01/2021 <i>Construction</i> 01/01/2022 12/31/2022	3,377,000 <u>Green \$</u> 3,377,000 TRANSMISSION/ DISTRIBUTION	3,377,000 <u>Loan \$</u> 3,377,000 LOAN INTEREST
34 35 AUDIT PLAN	TOWN OF HEBRON WELL PROJECT (MD0220002) Ben.Pop= 1,575 DW0032	PROBLEM: TWO ACTIVE PRODUCTION WELLS DO NOT PROVIDE ENOUGH VOLUME FOR NORMAL AND EXPECTED GROWTH PROJECT: D/C A NEW WELL AND WATER DISINFECTION SYSTEM TO PUMP DIRECTLY TO NEW ELEVATED STORAGE TANK (SEE DW0033/23)	ROBERT D. RAUCH, P.E. TOWN OF HEBRON <i>System Size = Small</i> Wicomico County	37A 1	W/S: Y PFA: Y CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 04/01/2021 <i>Construction</i> 11/30/2021 10/31/2022	240,711 SOURCE	222,950 <u>Loan \$</u> 222,950 LOAN INTEREST
35 32 AUDIT PLAN	BOWIE WATER TREATMENT PLANT GENERATOR REPLACEMENT (MD0160002) Ben.Pop= 25,500 DW0021	PROBLEM: AGING EMERGENCY GENERATOR AT BOOSTER STATION EXPERIENCING COMPONENT FAILURES PROJECT: CONSTRUCT REPLACEMENT OF GENERATOR, ASSOCIATED FUEL TANKS, AND AUTOMATIC TRANSFER SWITCH	SAM KUMAR CITY OF BOWIE <i>System Size = Large</i> Prince George's County	23B 5	W/S: Y PFA: Y CD: 1 PUBLIC	<i>Design</i> 11/01/2021 <i>Construction</i> 08/01/2022 11/30/2022	120,000 TRANSMISSION/ DISTRIBUTION	120,000 LOAN UNWANTED

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36 30 GREEN (W)	BERLIN SMART METER REPLACEMENT (MD0230001) Ben.Pop= 615 DW0035	PROBLEM: AGED AND INACCURATE WATER METERS DO NOT PROVIDE RELIABLE READINGS FOR BILLING PURPOSES AND LEAK DETECTION PROJECT: P/D/C INSTALLATION OF ADVANCED METERING INFRASTRUCTURE AND 2000 SMART METERS	JEFF FLEETWOOD TOWN OF BERLIN <i>System Size = Small</i> Worcester County	38C 1	W/S: Y PFA: 2 CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 06/01/2021 <i>Construction</i> 11/01/2021 02/28/2022	1,030,575 <i>Green \$</i> 1,030,575 TRANSMISSION/ DISTRIBUTION	1,030,575 <i>Loan \$</i> 1,030,575 LOAN INTEREST
37 30	TOWN OF HEBRON WATER STORAGE TANK (MD0220002) Ben.Pop= 1,575 DW0033	PROBLEM: EXISTING 300,000 GALLON STORAGE TANK DOES NOT HAVE AN ADEQUATE BACKUP OR RESERVED CAPACITY STORAGE OPTION PROJECT: P/D/C NEW 300,000 GALLON ELEVATED STORAGE TANK FOR SYSTEM REDUNDANCY, TO MEET DEMAND AND ACCOMMODATE PLANNED GROWTH	ROBERT D. RAUCH, P.E. TOWN OF HEBRON <i>System Size = Small</i> Wicomico County	37A 1	W/S: Y PFA: Y CD: 1 PUBLIC SMALL DISADV.	<i>Design</i> 04/01/2021 <i>Construction</i> 11/01/2021 10/31/2022	1,711,872 STORAGE	1,587,150 <i>Loan \$</i> 1,587,150 LOAN INTEREST
38 15	WESLEY STINNETT WATER EXTENSION (MD0040003) Ben.Pop= 6,375 DW0007	PROBLEM: SUBDIVISION AND AMERICAN LEGION POST SERVED BY PRIVATE WELL; LAST REMAINING PROPERTIES NOT SERVED BY PUBLIC WATER PROJECT: D/C 3,400 LF PVC TO CONNECT TO TOWN'S WATER SUPPLY; INC. WATER METERS AND HYDRANTS	HOLLY WAHL TOWN OF CHESAPEAKE BEACH <i>System Size = Small</i> Calvert County	27C 5	W/S: Y PFA: Y CD: 1 PUBLIC	<i>Design</i> 08/01/2021 <i>Construction</i> 04/01/2022 12/31/2022	1,380,000 TRANSMISSION/ DISTRIBUTION	1,360,000 LOAN UNWANTED
39 10	GREEN MEADOWS WATER COMPANY WATER SYSTEM RESTORATION - TREATMENT (MD0080017) Ben.Pop= 83 DW0014	PROBLEM: AGING PRIVATE SYSTEM IN NEED OF UPDATING PROJECT: D/C NEW WATER TREATMENT SYSTEM THAT INTEGRATES WITH UPGRADED WATER STORAGE TANK SYSTEM	KENNETH BONECK GREEN MEADOWS WATER COMPANY, INC. <i>System Size = Small</i> Charles County	28 5	W/S: Y PFA: 2 CD: 2 PRIVATE SMALL	<i>Design</i> 12/01/2021 <i>Construction</i> 07/01/2022 09/30/2022	12,500 TREATMENT	11,575 <i>Loan \$</i> 11,575 LOAN INTEREST
<i>Totals ...</i>							\$163,913,742	\$ 145,092,493
							\$128,914,857 (78.6%)	

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