

# Maryland FINAL Project Priority List for Federal FY2017 & State FY2019

## Clean Water Funds (State Revolving Loan/ State Grant)

Monday, May 22, 2017

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  100	CONSTRUCT CECO TO CHERRY HILL WWTP CONNECTION  CW0086 Ben.Pop= 308	PROBLEM: *EMERGENCY* PRIVATE WWTP CAN'T MEET PERMIT LIMITS; OWNER WANTS TO CEASE OPERATION OF FACILITY; CONSENT ORDER AO-13-1810  PROJECT: P/D/C NEW PUMP STATION, 1000 LF 8" GRAVITY SEWER, 4500 LF 4" FORCE MAIN TO CONNECT TO CHERRY HILL WWTP; ABANDON CECO; CO OWN	PHIL MUZIK  CECIL COUNTY  <i>System Size = Small</i> Cecil County	34A  1	02-13-06-05  <i>NPDES #</i> MD0052825	W/S: Y PFA: 5  Compliance PUBLIC LARGE	<i>Design</i> 07/01/2017  <i>Construction</i> 07/01/2017 02/01/2018	2,850,000	2,850,000  <i>Loan \$</i> 2,850,000 LOAN INTEREST	IVA = 2,850,000
2  83	WESTMINSTER WWTP ENR UPGRADE  CW0018 Ben.Pop= 39,228	PROBLEM: EXCESSIVE NUTRIENTS TO THE CHESAPEAKE BAY; CONSENT ORDER CO-12-1522  PROJECT: UPGRADE EXISTING 5.0 MGD WWTP TO ENR	TAMMY PALMER  CORPORATION OF WESTMINSTER  <i>System Size = Large</i> Carroll County	5  6	02-14-03-04  <i>NPDES #</i> MD0021831	W/S: Y PFA: Y  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 04/01/2011  <i>Construction</i> 06/01/2017 11/30/2019	58,920,000	58,920,000  <i>Loan \$</i> 29,380,000 LOAN INTEREST	II = 58,920,000
3  78	PINEY ORCHARD WWTP ENR UPGRADE  CW0050 Ben.Pop= 9,500	PROBLEM: EXISTING 1.2 MGD WWTP CANNOT MEET PERMIT LIMITS UNDER THE ORIGINAL DESIGN  PROJECT: UPGRADE FROM BNR TO ENR LEVEL TREATMENT AND REDUCE CAPACITY TO 0.7 MGD *PRIVATE, NOT SRF ELIGIBLE*	ERIC DEVITO  PINEY ORCHARD UTILITY CO, LLC  <i>System Size = Small</i> Anne Arundel County	21  3	02-13-11-05  <i>NPDES #</i> MD0059145	W/S: Y PFA: 1  Compliance PRIVATE	<i>Design</i> 07/01/2017  <i>Construction</i> 06/01/2018 06/30/2019	4,915,200	4,915,200  LOAN UNWANTED	II = 4,915,200
4  75	SOLOMONS WWTP ENR UPGRADE  CW0053 Ben.Pop= 6,800	PROBLEM: EXCESSIVE NUTRIENTS TO CHESAPEAKE BAY; NPDES PERMIT LIMITS; WWTP HAS REACHED END OF USEFUL LIFE.  PROJECT: DESIGN/CONSTRUCT UPGRADES 0.7 MGD WWTP TO ENR AND EXPAND TO 1.03 MGD; POSSIBLE EFFLUENT REUSE	RACHEL GRIFFITH  CALVERT COUNTY BOARD OF COMMISSIONERS  <i>System Size = Small</i> Calvert County	29C  5	02-13-11-01  <i>NPDES #</i> MD2178E89	W/S: Y PFA: 5  Compliance PUBLIC SMALL	<i>Design</i> 10/01/2017  <i>Construction</i> 12/01/2018 06/30/2020	9,390,000	8,500,000  <i>Loan \$</i> 8,500,000 LOAN INTEREST	II = 9,390,000
5  73	GREENSBORO-GOLDSBORO REGIONAL WASTEWATER PROJECT, PH 5  CW0009 Ben.Pop= 328	PROBLEM: CONSENT ORDER REQUIRES FAILING SEPTIC SYSTEMS IN/AROUND GOLDSBORO TO BE ADDRESSED  PROJECT: P/D/C 2,946 LF OF 1.25" PRESSURE PIPE AND 10,477 LF OF GRAVITY PIPE TO CONNECT 120 HOMES TO GOLDSBORO WWTP (ENR)	DAVID KIBLER  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> 04/01/2017  <i>Construction</i> 09/01/2017 12/31/2018	3,309,300	3,192,600  <i>Loan \$</i> 472,600 LOAN INTEREST	IVA = 3,309,300

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- 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
- VIIK. NPS: Hydromodification
- X. Recycled Water Distribution
- O. Other

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

- PFA: 1 = Categorical Exclusion
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6  68	ASHLEIGH KNOLLS SHARED SEWAGE DISPOSAL FACILITY  CW0057 Ben.Pop= 273	PROBLEM: SHARED SEWAGE DISPOSAL FACILITY OF INDIVIDUAL SEPTIC TANKS/SHARED LEACHFIELD CAN NOT MEET GW DISCHARGE PERMIT LIMITS  PROJECT: PLAN/DESIGN/CONSTRUCT BEST AVAILABLE TECHNOLOGY AT SHARED SEWAGE DISPOSAL FACILITY CAPABLE OF MEETING 20MG/L TN	AMY HART  HOWARD COUNTY  <i>System Size = Small</i> Howard County	13  3	02-13-11-05	W/S: Y PFA: 1  Compliance PUBLIC	<i>Design</i> 10/01/2008  <i>Construction</i> 09/01/2017 04/30/2019	1,566,000	1,566,000   LOAN UNWANTED	O = 1,566,000
7  68	PORT DEPOSIT WWTP REPLACEMENT  CW0033 Ben.Pop= 1,500	PROBLEM: EXISTING 0.15 MGD SECONDARY TREATMENT WWTP HAS OUTLIVED USEFUL LIFE/LOCATED IN FLOOD PLAIN; NPDES PERMIT  PROJECT: PLAN/DESIGN/CONSTRUCT NEW 0.15 MGD ENR WWTP AT HIGHER ELEVATION	PHILIP MUZIK  CECIL COUNTY  <i>System Size = Small</i> Cecil County	34B  1	02-12-02-01  <i>NPDES #</i> MD0020796	W/S: Y PFA: Y  Compliance PUBLIC LARGE	<i>Design</i> 06/01/2016  <i>Construction</i> 07/01/2017 12/31/2017	10,700,000	10,700,000  <u>Loan \$</u> 10,700,000 LOAN INTEREST	II = 10,700,000
8  68	DEEP CREEK LAKE WWTP ENR UPGRADE  CW0025 Ben.Pop= 17,015	PROBLEM: EXCESSIVE NUTRIENTS TO RECEIVING STREAM; NPDES PERMIT LIMITS  PROJECT: PLAN/DESIGN/CONSTRUCT ENR UPGRADES TO EXISTING 1.5 MGD WWTP	PATRICK HUDNALL  GARRETT COUNTY SANITARY DISTRICT  <i>System Size = Large</i> Garrett County	1A  6	05-02-02-03  <i>NPDES #</i> MD0054348	W/S: Y PFA: 1  Compliance PUBLIC DISADV.	<i>Design</i> 07/01/2017  <i>Construction</i> 05/01/2018 05/31/2019	20,008,520	20,008,520   LOAN UNWANTED	II = 20,008,520
9  63	ACCIDENT PHASE II WWTP UPGRADE  CW0024 Ben.Pop= 358	PROBLEM: HIGH FLOWS OVERWHELM WWTP; VIOLATIONS OF NPDES PERMIT LIMITS FOR BOD, TSS, AND FECAL COLIFORM; CONSENT ORDER CO-03-0064  PROJECT: CONSTRUCT UPGRADES OF EXISTING 0.05 MGD SECONDARY WWTP TO ENR; EXPAND TO 0.12 MGD	MAYOR RICHARD CARLSON  TOWN OF ACCIDENT  <i>System Size = Small</i> Garrett County	1A  6	05-02-02-01  <i>NPDES #</i> MD0051721	W/S: Y PFA: 5  Compliance PUBLIC SMALL DISADV.	<i>Design</i> 09/01/2017  <i>Construction</i> 06/01/2018 06/30/2019	4,505,000	2,739,000  <u>Loan \$</u> 1,239,000 LOAN INTEREST	II = 4,505,000
10  63  <b>GREEN (I)</b>	HARBOUR VIEW WWTP REPLACEMENT  CW0031 Ben.Pop= 575	PROBLEM: EXISTING 0.065 MGD SECONDARY TREATMENT WWTP IN 100-YR FLOODPLAIN HAS OUTLIVED USEFUL LIFE; NPDES PERMIT  PROJECT: DESIGN/CONSTRUCT REPLACEMENT 0.065 ENR WWTP OUT OF FLOODPLAIN; 1800 LF MAIN/NEW PUMP STATION TO CONVEY FLOW TO NEW	PHILIP MUZIK  CECIL COUNTY  <i>System Size = Small</i> Cecil County	36  1	02-13-06-01  <i>NPDES #</i> MD0024023	W/S: Y PFA: 2  Compliance PUBLIC LARGE	<i>Design</i> 01/01/2016  <i>Construction</i> 07/01/2017 06/30/2018	4,200,000  <i>Green \$</i> 900,000	4,200,000  <u>Loan \$</u> 4,200,000 LOAN INTEREST	II = 4,200,000

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Page 3

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11  60	CHESAPEAKE CITY WASTEWATER TREATMENT PLANT  CW0054 Ben.Pop= 2,400	PROBLEM: EXISTING 0.075 MGD NORTH AND 0.088 MGD SOUTH WWTPS DETERIORATING; EXCESS NUTRIENTS TO BAY; NPDES PERMIT  PROJECT: DESIGN/CONSTRUCT NEW 0.3 MGD ENR WWTP, NEW PUMP STATION & FORCE MAIN CONVEYANCE SYSTEM, DEMOLITION OF EXISTING WWTPS	SANDRA EDWARDS  TOWN OF CHESAPEAKE CITY  <i>System Size = Small</i> Cecil County	36  1	02-13-06-04  <i>NPDES #</i> MD0020401	W/S: Y PFA: 5  PUBLIC SMALL DISADV.	<i>Design</i> 03/01/2017  <i>Construction</i> 08/01/2018 10/31/2019	9,842,164	4,000,000  <i>Loan \$</i> 4,000,000 LOAN INTEREST	II = 9,842,164
12  58	LEWISTOWN WASTEWATER COLLECTION SYSTEM  CW0006 Ben.Pop= 235	PROBLEM: PROPERTIES ON FAILING SEPTICS AND SOME ON HOLDING TANKS; WELLS TESTING POSITIVE FOR COLIFORM BACTERIA  PROJECT: D/C 3450 LF OF 2.5 - 4" MAIN TO CONNECT 76 HOMES, A SCHOOL, AND A FD TO LEWISTOWN WWTP (SECONDARY, TO BE ENR; SEE CW0005/19)	KEVIN DEMOSKY  FREDERICK CO DIV OF UTILITIES AND SOLID WASTE MGMT  <i>System Size = Small</i> Frederick County	4  8	02-14-03-03  <i>NPDES #</i> MD0022900	W/S: Y PFA: 5  PUBLIC SMALL	<i>Design</i> 03/01/2017  <i>Construction</i> 04/01/2018 03/31/2019	985,000	985,000  <i>Loan \$</i> 985,000 LOAN INTEREST	IVA = 985,000
13  58	LEWISTOWN WWTP ENR UPGRADE  CW0005 Ben.Pop= 235	PROBLEM: WWTP SERVING SCHOOL AND FD AT END OF USEFUL LIFE; PROPERTIES IN SERVICE AREA ON FAILING SEPTICS (SEE CW0006/19)  PROJECT: UPGRADE EXISTING SECONDARY 0.022 MGD WWTP TO ENR AND EXPAND TO 0.027 MGD FOR CONNECTION OF HOMES ON SEPTICS	KEVIN DEMOSKY  FREDERICK CO DIV OF UTILITIES AND SOLID WASTE MGMT  <i>System Size = Small</i> Frederick County	4  8	02-14-03-03  <i>NPDES #</i> MD0022900	W/S: Y PFA: 5  Compliance PUBLIC SMALL	<i>Design</i> 03/01/2017  <i>Construction</i> 04/01/2018 03/31/2019	960,000	960,000  <i>Loan \$</i> 960,000 LOAN INTEREST	II = 960,000
14  53	EDGEWATER BEACH SEPTIC TO SEWER CONVERSION PROJECT  CW0082 Ben.Pop= 423	PROBLEM: PROBLEMATIC ONSITE SEPTIC SYSTEMS, HIGH WATER TABLE, IMPERMEABLE SOILS, WELL SETBACKS  PROJECT: CONSTRUCT 8944 LF 8" AND 2320 LF OF 4" GRAVITY MAINS AND A PUMP STATION TO CONNECT 157 PROPERTIES TO ANNAPOLIS WWTP (ENR)	LESLIE CAMPBELL  ANNE ARUNDEL COUNTY GOVERNMENT  <i>System Size = Large</i> Anne Arundel County	30B  4	02-13-10-03  <i>NPDES #</i> MD0021814	W/S: Y PFA: 5  PUBLIC SMALL	<i>Design</i> 09/01/2014  <i>Construction</i> 09/01/2018 12/31/2019	8,843,802	8,494,820  <i>Loan \$</i> 8,494,820 LOAN INTEREST	IVA = 8,843,802
15  50	HOLLOWAY BEACH SEWER COLLECTION SYSTEM  CW0032 Ben.Pop= 280	PROBLEM: ONSITE SEPTIC SYSTEMS OPERATING IN THE WATER TABLE AND FAILING TO PROVIDE ADEQUATE TREATMENT  PROJECT: DESIGN/CONSTRUCT SEWER COLLECTION/CONVEYANCE SYSTEM TO CONNECT 112 HOMES (69 EXISTING) TO NORTHEAST RIVER ADVANCED WWTP (ENR)	PHILIP MUZIK  CECIL COUNTY  <i>System Size = Large</i> Cecil County	34B  1	02-13-06-08  <i>NPDES #</i> MD0052027	W/S: Y PFA: Y  PUBLIC LARGE	<i>Design</i> 02/01/2016  <i>Construction</i> 07/01/2017 06/30/2018	2,630,000	2,600,000  <i>Loan \$</i> 2,600,000 LOAN INTEREST	IVA = 2,630,000

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Page 4

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16  50	SC-963 SOUTH WEST BALTIMORE SWR IMP/MAIDENS CHOICE ASSESSMNT/UPLANDS SWR REPL  CW0041 Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTRUCT REHAB/REPL OF ~9,205 LF OF CIPP LINING; 534 SANITARY HOUSE CONN; 1,105 LF PIPE; 360 LF STREAM CHAN; SC939&906 ITEMS	TROY BROGDEN  MAYOR AND CITY COUNCIL OF BALTIMORE  <i>System Size = Large</i> Baltimore City	REG  REG	02-13-09-05  <i>NPDES #</i> MD0021555	W/S: Y PFA: Y  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 08/01/2016  <i>Construction</i> 06/01/2017 10/31/2018	20,765,000	20,390,000  <i>Loan \$</i> 20,390,000 LOAN INTEREST	IIIB = 20,765,000
17  48	BEDFORD ROAD SANITARY SEWER REHAB PH VI  CW0079 Ben.Pop= 3,100	PROBLEM: INFLOW & INFILTRATION CONTRIBUTING TO SSO EVENTS, CONSENT ORDER C0-07-0395  PROJECT: DESIGN/CONSTRUCT REPAIR AND/OR REPLACEMENT OF ~10,000 LF FAILING PIPE (6"-8") AND MANHOLES	JAMES L. WEBBER, PE  ALLEGANY COUNTY COMMISSIONERS  <i>System Size = Small</i> Allegany County	1B  6	02-14-10-02  <i>NPDES #</i> MD0021598	W/S: Y PFA: Y  Compliance PUBLIC SMALL DISADV.	<i>Design</i> 02/01/2017  <i>Construction</i> 09/01/2017 06/30/2018	1,000,000	1,000,000  <i>Loan \$</i> 1,000,000 LOAN INTEREST	IIIA = 1,000,000
18  48	LAVALE BASIN 6 SEWER IMPROVEMENTS  CW0013 Ben.Pop= 5,358	PROBLEM: EXCESSIVE I&I CONTRIBUTING TO CSO EVENTS; UNDER MDE CONSENT DECREE 01-C-00-18342L  PROJECT: CONSTRUCT REPLACEMENT OF ~13,500 LF OF GRAVITY SEWERS IN BASIN 6 W/ 8" LOW PRESSURE SEWERS	DAVID S. WENDT  LAVALE SANITARY COMMISSION  <i>System Size = Small</i> Allegany County	01B  6	02-14-05-08  <i>NPDES #</i> MD0021598	W/S: Y PFA: Y  Compliance PUBLIC SMALL DISADV.	<i>Design</i> 03/01/2017  <i>Construction</i> 04/01/2018 04/30/2019	4,000,000	3,600,000  <i>Loan \$</i> 450,000 LOAN INTEREST	IIIA = 4,000,000
19  48	FROSTBURG CSO ELIMINATION PROJECT, PHASE IX-A CHARLES STREET CORRIDOR  CW0056 Ben.Pop= 9,723	PROBLEM: COMBINED SEWER OVERFLOWS; CONSENT ORDER #01-C-00-1834-L  PROJECT: CONSTRUCT REPLACEMENT OF AGING SEWER LINES AND ELIMINATE FLOW OBSTRUCTIONS	CHRIS HOVATTER  CITY OF FROSTBURG  <i>System Size = Small</i> Allegany County	1B  6	02-14-10-05  <i>NPDES #</i> MD0021598	W/S: Y PFA: Y  Compliance PUBLIC SMALL DISADV.	<i>Design</i> 02/01/2016  <i>Construction</i> 01/01/2018 01/31/2019	2,033,199	1,779,049  <i>Loan \$</i> 500,000 LOAN INTEREST	VA = 2,033,199
20  48	78" PARALLEL PIPELINE FROM MILL RACE TO CSO STORAGE (PROJECT NO. 19-16-S)  CW0062 Ben.Pop= 48,885	PROBLEM: COMBINED SEWER OVERFLOW; CONSENT ORDER #01-C-00-18342L  PROJECT: ***LATE START*** DESIGN & INSTALL 78" PIPELINEFROM MILL RACE TO CSO STORAGE FACILITY. APPROX. 14.00 LF AND MANHOLES, JUNCTION	JOHN DIFONZO  CITY OF CUMBERLAND  <i>System Size = Large</i> Allegany County	1  6	12-14-10-01  <i>NPDES #</i> MD0021598	W/S: Y PFA: Y  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 09/01/2017  <i>Construction</i> 01/01/2019 12/31/2021	40,464,065	40,300,000  <i>Loan \$</i> 5,037,500 LOAN INTEREST	VA = 40,464,065

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21  48	SAN SEWER RECONSTRUCTION - BROAD CREEK BASIN PGC SECTION 2  CW0064  Ben.Pop= 192,690	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT DECREE PJM-3679  PROJECT: P/D/C 4 MILES OF 6-8 INCH SEWER MAIN AND 2 MANHOLES; REPAIR/REPLACE/REHAB SEWERS AND MANHOLES.	MARCIA TUCKER  WSSC  <i>System Size = Large</i> Prince George's County	REG  4	02-14-02-01  <i>NPDES #</i> MD0021539	W/S: Y PFA: 2  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 01/01/2017  <i>Construction</i> 11/01/2017 11/30/2019	5,200,000	5,200,000  <u>Loan \$</u> 5,200,000  LOAN INTEREST	IIIB = 5,200,000
22  48	A SC-956 HERRING RUN SEWERSHED SEWER IMPROVEMENTS  CW0040  Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTRUCT REHAB/REPLACEMENT OF ~4,900 LF OF CIPP LINING, 13,500 LF UPSIZE/REPLACE, REHAB 12,800 LF EXISTING STREAM	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> 04/16/2015  <i>Construction</i> 02/01/2018 02/29/2020	14,505,690	7,336,572  <u>Loan \$</u> 7,336,572  LOAN INTEREST	IIIB = 14,505,690
23  48	B SC-956 HERRING RUN SEWERSHED SEWER IMPROVEMENTS  CW0089  Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTRUCT REHAB/REPLACEMENT OF ~4,900 LF OF CIPP LINING, 13,500 LF UPSIZE/REPLACE, REHAB 12,800 LF EXISTING STREAM	ROBERT BURROS  BALTIMORE COUNTY  <i>System Size = Large</i> Baltimore County	REG  REG	02-13-09-01  <i>NPDES #</i> MD0021555	W/S: Y PFA: Y  Compliance PUBLIC LARGE	<i>Design</i> 04/16/2015  <i>Construction</i> 02/01/2018 02/29/2020	0	4,758,857  <u>Loan \$</u> 4,758,857  LOAN INTEREST	
24  48	C SC-965 NORTH EAST BALTIMORE SEWER IMPROVEMENTS  CW0042  Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTRUCT REHAB/REPLACEMENT OF ~30,410 LF OF CIPP LINING, ~2,021 LF REPLACEMENT, REHAB ~257 HOUSE CONNECT, REHAB 59 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> 08/01/2016  <i>Construction</i> 09/01/2017 06/30/2018	20,993,000	20,618,000  <u>Loan \$</u> 20,618,000  LOAN INTEREST	IIIB = 20,993,000
25  48	D SC-910 HERRING RUN SEWERSHED SEWER IMPROVEMENTS-PART 2 CHINQUAPIN RUN  CW0035  Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTRUCT UPSIZING/REPLACEMENT OF 13,500 LF PIPE, ~4,900 LF OF CIPP LINING, REHAB 12,800 LF OF STREAM, CHINQUAPIN RUN	TROY BROGDEN  MAYOR AND CITY COUNCIL OF BALTIMORE  <i>System Size = Large</i> Baltimore City	REG  43	02-13-09-01  <i>NPDES #</i> MD0021555	W/S: Y PFA: Y  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 06/01/2011  <i>Construction</i> 10/01/2017 10/31/2019	30,658,493	21,907,337  <u>Loan \$</u> 21,907,337  LOAN INTEREST	IIIB = 30,658,493

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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
- X. Recycled Water Distribution
- O. Other

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**Maryland FINAL Project Priority List for Federal FY2017 & State FY2019**  
**Clean Water Funds (State Revolving Loan/ State Grant)**

Monday, May 22, 2017

Page 6

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 48	E SC-910 HERRING RUN SEWERSHED SEWER IMPROVEMENTS-PART 2 CHINQUAPIN RUN  CW0088  Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTRUCT UPSIZING/REPLACEMENT OF 13,500 LF PIPE, ~4,900 LF OF CIPP LINING, REHAB 12,800 LF OF STREAM, CHINQUAPIN RUN	ROBERT BURROS  BALTIMORE COUNTY  <i>System Size = Large</i> Baltimore County	REG  43	02-13-09-01  <i>NPDES #</i> MD0021555	W/S: Y PFA: Y  Compliance PUBLIC LARGE	<i>Design</i> 06/01/2011  <i>Construction</i> 10/01/2017 10/31/2019	0	6,635,507  <i>Loan \$</i> 6,635,507 LOAN INTEREST	
27 48	F SC-921 GWYNNS FALLS SEWERSHED COLLECTION SYSTEM AREA B  CW0038  Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTR REHAB/REPL ~57,000 LF OF CIPP LINING; 13,000 LF REPLACE; 450 HOUSE CONN; REHAB 360 MANHOLES & HEAVY CLEANING	TROY BROGDEN  MAYOR AND CITY COUNCIL OF BALTIMORE  <i>System Size = Large</i> Baltimore City	41  7	02-13-09-05  <i>NPDES #</i> MD0021555	W/S: Y PFA: Y  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 02/01/2012  <i>Construction</i> 08/01/2017 07/31/2020	45,200,000	23,645,440  <i>Loan \$</i> 23,645,440 LOAN INTEREST	IIIB = 45,200,000
28 48	G SC-940 HIGH LEVEL SEWERSHED SEWER IMPROVEMENTS  CW0039  Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTRUCT UPSIZING/REPLACEMENT OF ~11,659 LF OF PIPE; 8,723 LF RELIEF SEWER & 692 VF OF 24-36" MANHOLES TO INC HYDRAULIC CAP	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> 03/01/2015  <i>Construction</i> 05/01/2018 06/30/2020	55,055,000	50,600,000  <i>Loan \$</i> 50,600,000 LOAN INTEREST	IIIB = 55,055,000
29 48	H SC-918H CMAR/BACK RIVER HEADWORKS IMPROVEMENT  CW0037  Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTRUCT 3 WET WEATHER TANKS EQUALIZATION PUMP STATION, COARSE & FINE SCREEN FACILITY	TROY BROGDEN  MAYOR AND CITY COUNCIL OF BALTIMORE  <i>System Size = Large</i> Baltimore City	6  2	02-13-09-01  <i>NPDES #</i> MD0021555	W/S: Y PFA: Y  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 09/01/2013  <i>Construction</i> 06/01/2017 09/30/2020	409,284,656	189,000,000  <i>Loan \$</i> 189,000,000 LOAN INTEREST	I = 409,284,656
30 48	I SC-918H CMAR/BACK RIVER HEADWORKS IMPROVEMENT  CW0087  Ben.Pop= 936,000	PROBLEM: SANITARY SEWER OVERFLOWS; UNDER CONSENT ORDER (CIVIL ACTION NO. JFM-02-1524)  PROJECT: CONSTRUCT 3 WET WEATHER TANKS EQUALIZATION PUMP STATION, COARSE & FINE SCREEN FACILITY	ROBERT BURROS  BALTIMORE COUNTY  <i>System Size = Large</i> Baltimore County	6  2	02-13-09-01  <i>NPDES #</i> MD0021555	W/S: Y PFA: Y  Compliance PUBLIC LARGE	<i>Design</i> 09/01/2013  <i>Construction</i> 06/01/2017 09/30/2020	0	204,642,328  <i>Loan \$</i> 204,642,328 LOAN INTEREST	

**NEEDS CATEGORY DEFINITIONS:**

- |                         |                                  |                                   |
|-------------------------|----------------------------------|-----------------------------------|
| I. Secondary Treatment  | IVA. New Collector Sewer         | VIA. SW Conveyance Infrastructure |
| II. Advanced Treatment  | IVB. New Interceptor Sewer       | VIB. SW Treatment Systems         |
| IIIA. I/I Correction    | VA. CSO Correction - Traditional | VIC. Green Infrastructure         |
| IIIB. Major Sewer Rehab | VB. CSO Correction - Green       | VID. General SW Management        |

- |                                |
|--------------------------------|
| VIIJ. NPS: Sanitary Landfills  |
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Monday, May 22, 2017

**Clean Water Funds (State Revolving Loan/ State Grant)**

Page 7

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31  48	A SAN SEWER RECONSTRUCTION - LOWER ANACOSTIA BASIN PGC SECTION 2  CW0065  Ben.Pop= 1,349,533	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT ORDER PJM-04-3679  PROJECT: P/D/C REHAB OF 3.25 MILES OF 6-30" SEWER MAIN; REPAIR/REPLACE/REHAB SEWER MAINS.	MARCIA TUCKER  WSSC  <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> 01/01/2017  <i>Construction</i> 11/30/2017 11/30/2019	4,225,000	4,225,000  <u>Loan \$</u> 4,225,000 LOAN INTEREST	IIIB = 4,225,000
32  48	B SAN SEWER RECONSTRUCTION - SLIGO CREEK BASIN PGC SECTION 2  CW0067  Ben.Pop= 1,349,533	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT ORDER PJM-04-3679  PROJECT: RECONSTRUCTION OF 3.52 MILES OF 6-18" SEWER MAIN AND 1 MANHOLE. REPAIR, REPLACEMENT & REHABILITATION OF SEWERS & MANHOLES.	MARCIA TUCKER  WSSC  <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> 01/01/2017  <i>Construction</i> 11/01/2017 11/30/2019	4,576,000	4,576,000  <u>Loan \$</u> 4,576,000 LOAN INTEREST	IIIB = 4,576,000
33  48	C SAN SEWER RECONSTRUCTION - BEAVERDAM BASIN PGC SECTION 2  CW0066  Ben.Pop= 1,349,533	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT ORDER PJM-04-3679  PROJECT: P/D/C REHAB OF 3.66 MILES OF 6-15" SEWER MAIN AND 1 MANHOLE; REPAIR/ REPLACE/REHAB SEWERS & MANHOLES.	MARCIA TUCKER  WSSC  <i>System Size = Large</i> Prince George's County	47A  4	02-14-02-05  <i>NPDES #</i> DC0021199	W/S: Y PFA: Y  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 01/01/2017  <i>Construction</i> 11/01/2017 11/30/2019	4,758,000	4,758,000  <u>Loan \$</u> 4,758,000 LOAN INTEREST	IIIB = 4,758,000
34  48	D SAN SEWER RECONSTRUCTION - ROCK CREEK BASIN MC SECTION 2  CW0068  Ben.Pop= 1,349,533	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT ORDER PJM-04-3679  PROJECT: RECONSTRUCTION OF 3.77 MILES OF 6-10" SEWER MAIN. REPAIR, REPLACEMENT & REHABILITATION OF SEWERS.	MARCIA TUCKER  WSSC  <i>System Size = Large</i> Montgomery County	REG  8	02-14-02-06  <i>NPDES #</i> DC0021199	W/S: Y PFA: 2  Compliance PUBLIC LARGE	<i>Design</i> 01/01/2017  <i>Construction</i> 11/01/2017 11/30/2019	4,901,000	4,901,000  <u>Loan \$</u> 4,901,000 LOAN INTEREST	IIIB = 4,901,000
35  48	E SAN SEWER RECONSTRUCTION - LITTLE FALLS BASIN MC SECTION 2  CW0070  Ben.Pop= 1,349,533	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT ORDER PJM-04-3679  PROJECT: P/D/C REHAB OF 3.78 MILES OF 6-12" SEWER MAIN; REPAIR/REPLACE/REHAB SEWERS.	MARCIA TUCKER  WSSC  <i>System Size = Large</i> Montgomery County	16  8	02-14-02-02  <i>NPDES #</i> DC0021199	W/S: Y PFA: Y  Compliance PUBLIC LARGE	<i>Design</i> 01/01/2017  <i>Construction</i> 11/01/2017 11/30/2019	4,914,000	4,914,000  <u>Loan \$</u> 4,914,000 LOAN INTEREST	IIIB = 4,914,000

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36  48	F SAN SEWER RECONSTRUCTION - CABIN JOHN BASIN MC SECTION 2  CW0071  Ben.Pop= 1,349,533	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT ORDER PJM-04-3679  PROJECT: P/D/C REHAB OF 4.06 MILES OF 6-10" SEWERS AND 7 MANHOLES; REPAIR/REPLACE/REHAB SEWERS AND MANHOLES	MARCIA TUCKER  WSSC  <i>System Size = Large</i> Montgomery County	REG  8	02-14-02-06  <i>NPDES #</i> DC0021199	W/S: Y PFA: Y  Compliance PUBLIC LARGE	<i>Design</i> 01/01/2017  <i>Construction</i> 11/01/2017 11/30/2019	5,278,000	5,278,000  <i>Loan \$</i> 5,278,000 LOAN INTEREST	IIIB = 5,278,000
37  48	G SAN SEWER RECONSTRUCTION - MUDDY BRANCH BASIN MC SECTION 2  CW0069  Ben.Pop= 1,349,533	PROBLEM: SANITARY SEWER OVERFLOWS; CONSENT ORDER PJM-04-3679  PROJECT: RECONSTRUCTION OF 4.48 MILES OF 6-12" SEWER MAIN. REPAIR, REPLACEMENT & REHABILITATION OF SEWERS.	MARCIA TUCKER  WSSC  <i>System Size = Large</i> Montgomery County	REG  REG	02-14-02-02  <i>NPDES #</i> DC0021199	W/S: Y PFA: 2  Compliance PUBLIC LARGE	<i>Design</i> 01/01/2017  <i>Construction</i> 11/01/2017 11/30/2019	5,824,000	5,824,000  <i>Loan \$</i> 5,824,000 LOAN INTEREST	IIIB = 5,824,000
38  48	BALTIMORE CITY MS4 PROGRAM  CW0085  DRAIN ACRES=447	PROBLEM: STORMWATER RUNOFF NOT MANAGED TO MAXIMUM EXTENT PRACTICABLE; MS4 PERMIT  PROJECT: CONSTRUCT SW MGMT FACILITIES IN VARIOUS LOCATIONS THROUGHOUT THE CITY, INC BIORETENTION, RAINGARDENS, STREAM STABILIZATION	TROY BROGDEN  MAYOR AND CITY COUNCIL OF BALTIMORE  Baltimore City	REG  3	MULTIPLE	W/S: E PFA: E  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 03/01/2016  <i>Construction</i> 06/01/2018 12/31/2018	70,497,400  <i>Green \$</i> 62,022,400	62,022,400  <i>Loan \$</i> 62,022,400 LOAN INTEREST	VIC = 70,497,400
39  45	KEYSER'S RIDGE WWTP  CW0090  Ben.Pop= 138	PROBLEM: EXISTING BFS (PRIVATE) SECONDARY 0.014 MGD WWTP EXCEEDING PERMIT LIMITS AND DETERIORATING; COUNTY GROWTH AREA; CONSENT ORDER  PROJECT: CONSTRUCT NEW PUBLIC KEYSERS RIDGE 0.05MGD ENR WWTP TO SERVE GROWTH AREA, INC BUSINESS PARK; DECOMMISSION PRIVATE WWTP	PATRICK HUDNALL  GARRETT COUNTY SANITARY DISTRICT  <i>System Size = Small</i> Garrett County	1A  6	05-02-02-01  <i>NPDES #</i> MD0069418	W/S: Y PFA: 1  Compliance PUBLIC DISADV.	<i>Design</i> 05/01/2016  <i>Construction</i> 06/01/2017 12/31/2018	6,816,000	5,680,000  LOAN UNWANTED	II = 6,816,000
40  38	ROCK RUN SEWER EXTENSION  CW0034  Ben.Pop= 30	PROBLEM: SEPTICS W/HISTORY OF MARGINAL REPAIRS, SEWAGE NUISANCE CASES; BAT SYSTEMS NOT AN OPTION, GIVEN GEOLOGY AND SLOPE  PROJECT: PLAN/DESIGN/CONSTRUCT 2,500 LF OF 8" MAIN TO CONNECT 12 HOMES IN ROCK RUN AREA TO PORT DEPOSIT WWTP (TO BE ENR)	PHILIP MUZIK  CECIL COUNTY  <i>System Size = Small</i> Cecil County	34B  1	02-12-02-01  <i>NPDES #</i> MD0020796	W/S: Y PFA: Y  PUBLIC LARGE	<i>Design</i> 06/01/2017  <i>Construction</i> 07/01/2018 06/30/2019	1,250,000	1,250,000  <i>Loan \$</i> 1,250,000 LOAN INTEREST	IVA = 1,250,000

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41  38	ROCKVILLE WASTEWATER COLLECTION SYSTEM REHABILITATION  CW0044  Ben.Pop= 68,200	PROBLEM: AGING COLLECTION SYSTEM; REPORTED SSOs AND BACKUPS INTO HOMES  PROJECT: CONSTRUCT REPAIR/REHAB APPROXIMATELY 76,500 LF OF VARIOUS SIZED SEWER 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: 1  PUBLIC	<i>Design</i> 01/01/2009  <i>Construction</i> 10/01/2018 10/31/2020	3,440,000	3,010,000   LOAN UNWANTED	IIIB = 3,440,000
42  38  <b>GREEN (G)</b>	WOODLAND RUN STREAM RESTORATION  CW0026  LINEAR FEET=3,000	PROBLEM: WATERSHED IMPAIRED/STREAM BANK EROSION; MS4 PERMIT  PROJECT: DESIGN/CONSTRUCT RESTORATION OF 3,000 LF OF STREAM CHANNEL, INC CREATION OF RIPARIAN FLOODPLAIN WETLANDS AND BUFFERS	CHRISTINE BUCKLEY  HARFORD COUNTY  Harford County	34B  1	02-13-07-04	W/S: E PFA: E  Compliance PUBLIC	<i>Design</i> 04/01/2017  <i>Construction</i> 10/01/2018 03/31/2019	1,500,000  <i>Green \$</i> 750,000	750,000   LOAN UNWANTED	VIC = 1,500,000
43  35	BARCLAY SEWER DEVELOPMENT  CW0027  Ben.Pop= 275	PROBLEM: MAJORITY OF SEPTICS IN TOWN ARE FAILING; LOTS CANNOT ACCOMODATE SYSTEMS TO MEET STANDARDS; HIGH WATER TABLE; GW CONTAMINATION  PROJECT: CONSTRUCT COLLECT SYS (6,600 LF OF LINES/GRINDER PUMPS) AND 16,900 LF OF 4" MAIN TO CONNECT TO SUDLERSVILLE WWTP (ENR)	ELIZABETH JO MANNING  TOWN OF SUDLERSVILLE  <i>System Size = Small</i> Queen Anne's County	36  1	02-13-05-10  <i>NPDES #</i> MD0020559	W/S: Y PFA: 5  PUBLIC SMALL DISADV.	<i>Design</i> 08/01/2009  <i>Construction</i> 01/01/2018 01/31/2019	4,480,000	2,705,729  <i>Loan \$</i> 2,705,729 LOAN INTEREST	IVA = 4,480,000
44  35	COLLEGE OF SOUTHERN MD WWTP UPGRADE/MT CARMEL WOODS PS/FORCE MAIN  CW0080  Ben.Pop= 1,190	PROBLEM: AGING/INEFFICIENT WWTPS (0.21 MGD MCW AND 0.6 MGD CSM); EXCESSIVE NUTRIENTS TO THE CHESAPEAKE BAY; NPDES PERMIT LIMITS  PROJECT: D/C PS TO REPLACE MT CARMEL WOODS WWTP; FLOW VIA MAIN TO COLLEGE SOUTHERN MD WWTP; UPGRADE CSM WWTP TO ENR/EXPAND TO 0.107MGD	JOHN H. STEVENS  CHARLES COUNTY  <i>System Size = Small</i> Charles County	28  5	02-14-01-09  <i>NPDES #</i> MD0052311	W/S: Y PFA: 1  Compliance PUBLIC	<i>Design</i> 07/01/2017  <i>Construction</i> 11/01/2018 12/31/2019	14,590,000	4,800,000   LOAN UNWANTED	II = 14,590,000
45  33	SALISBURY SEWER EXTENSION - MT. HERMON ROAD  CW0010  Ben.Pop= 5	PROBLEM: TWO PROPERTIES ON CITY-MAINTAINED SEPTICS HAVE POORLY FUNCTIONING DRAINFIELDS/REQUIRE FREQUENT PUMP-OUTS/POORLY FUNCTIONING  PROJECT: PLAN/DESIGN/CONSTRUCT 600 LF OF FORCE MAIN AND 2 GRINDER PUMPS TO CONNECT PROPERTIES TO SALISBURY WWTP (ENR)	AMANDA POLLACK, P.E.  CITY OF SALISBURY  <i>System Size = Large</i> Wicomico County	38B  1	02-13-03-01  <i>NPDES #</i> MD0021571	W/S: Y PFA: Y  PUBLIC LARGE DISADV.	<i>Design</i> 07/01/2017  <i>Construction</i> 11/01/2017 01/31/2018	109,300	109,300  <i>Loan \$</i> 109,300 LOAN INTEREST	IVA = 109,300

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Page 10

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46  33  GREEN (G)	ER-4042 MASONVILLE COVE WATERSHED ENVIRONMENTAL SITE DESIGN  CW0043  Ben.Pop= 622,000	PROBLEM: STORMWATER NOT CURRENTLY MANAGED TO MAXIMUM EXTENT PRACTICABLE; MS4 PERMIT  PROJECT: CONSTRUCT BIORETENTION FACILITIES, RAIN GARDENS, STORMWATER BUMPOUTS AND REMOVE IMPERVIOUS SERVICE TO TREAT 7 DRAINAGE ACRES	TROY BROGDEN  MAYOR AND CITY COUNCIL OF BALTIMORE  Baltimore City	REG  2	02-13-09-03	W/S: E PFA: E  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 12/01/2016  <i>Construction</i> 03/01/2018 10/31/2018	1,132,000  <i>Green \$</i> 1,132,000	732,000  <i>Loan \$</i> 732,000  LOAN INTEREST	VIC = 1,132,000
47  33  GREEN (G)	CAT BRANCH STREAM RESTORATION AND SEWER INFRASTRUCTURE PROTECTION  CW0017  DRAIN ACRES=285  WETLAND ACRES: 3	PROBLEM: CAT BRANCH DEGRADED DUE TO UNCONTROLLED STORMWATER FROM HISTORICAL LAND USE/DEVELOPMENT; MS4 PERMIT  PROJECT: CONSTRUCT STORMWATER BMPS, INC STREAM RESTORATION, STEP POOL STORM CONVEYANCE, DRY POND RETROFIT TO IMPROVE INFILTRATION	JOE PORTS  ANNE ARUNDEL COUNTY  Anne Arundel County	33  3	02-13-10-01	W/S: E PFA: E  Compliance PUBLIC	<i>Design</i> 11/01/2015  <i>Construction</i> 10/01/2018 04/30/2019	3,863,613  <i>Green \$</i> 1,931,806	1,931,806  LOAN UNWANTED	VIC = 3,863,613
48  33  GREEN (G)	BACK CREEK STREAM RESTORATION  CW0030  DRAIN ACRES=35	PROBLEM: STORMWATER RUNOFF CURRENTLY CONVEYED VIA CLAY PIPE TO BACK CREEK. NO TREATMENT; MS4 PERMIT **LATE START**  PROJECT: DESIGN/CONSTRUCT A 150 LF STEP POOL CONVEYANCE SYSTEM (3 POOLS AND 3,000 SQ FT SAND FILTER) TO CAPTURE/TREAT RUNOFF	MARIA BROADBENT  CITY OF ANNAPOLIS  Anne Arundel County	30A  3	02-13-10-02	W/S: E PFA: E  Compliance PUBLIC	<i>Design</i> 05/01/2018  <i>Construction</i> 03/01/2019 06/30/2019	365,650  <i>Green \$</i> 365,650	365,650  LOAN UNWANTED	VIC = 365,650
49  33  GREEN (G)	SALISBURY CITY SERVICE CENTER COMPREHENSIVE ENV SITE DESIGN  CW0011  DRAIN ACRES=8	PROBLEM: CITY SERVICE CENTER SERVED BY OUTDATED SWM SYSTEM/NO BMPS; CITY UNDER PHASE II MS4 PERMIT  PROJECT: DESIGN/CONSTRUCT GREEN INFRASTRUCTURE (BIORETENTION BASINS AND RAIN GARDENS) TO PROVIDE SM MANAGMENT/TREATMENT	AMANDA POLLACK, P.E.  CITY OF SALISBURY  Wicomico County	37A  1	02-13-03-01	W/S: E PFA: E  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 04/01/2015  <i>Construction</i> 10/01/2017 04/30/2018	539,985  <i>Green \$</i> 471,200	471,200  <i>Loan \$</i> 471,200  LOAN INTEREST	VIC = 539,985
50  33  GREEN (G)	BALTIMORE COUNTY SHORELINE ENHANCEMENTS  CW0047  LINEAR FEET=9,012  WETLAND ACRES: 6	PROBLEM: ERODING SHORELINE IN BALTIMORE COUNTY PARKS RESULTING IN NUTRIENT AND SEDIMENT DEPOSTION; MS4 PERMIT  PROJECT: CONSTRUCT SHORELINE STABILIZATION ALONG 9,012 LF IN FOUR AREAS, INC NATIVE MARSH CREATION AND NEW/REHABED SILLS/BREAKWATERS	ROB RYAN  BALTIMORE COUNTY  Baltimore County	6  2	02-13-09-03	W/S: E PFA: E  Compliance PUBLIC	<i>Design</i> 03/01/2015  <i>Construction</i> 08/01/2017 04/30/2018	8,806,251  <i>Green \$</i> 7,898,385	7,898,385  LOAN UNWANTED	VIC = 8,806,251

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Monday, May 22, 2017

**Clean Water Funds (State Revolving Loan/ State Grant)**

Page 11

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51  33  <b>GREEN (G)</b>	FURNACE CREEK STREAM RESTORATION  CW0016  LINEAR FEET=3,700  WETLAND ACRES: 6	PROBLEM: CONCRETE-LINED CHANNEL NOT PERFORMING ENV FUNCTIONS (SED CAPTURE, NUTRIENT CYCLING, HABITAT, ETC); DOWNSTREAM EROSION; MS4  PROJECT: CONSTRUCT RESTORATION OF 3,700 LF STREAM AND 5.6 AC WETLAND, INC REMOVING CONCRETE, RECONNECT STREAM TO FLOODBANK	JOE PORTS  ANNE ARUNDEL COUNTY  Anne Arundel County	31A  3	02-13-09-03	W/S: E PFA: E  Compliance PUBLIC	<i>Design</i> 02/01/2016  <i>Construction</i> 08/01/2018 09/30/2019	5,515,702  <i>Green \$</i> 2,757,851	2,757,851  LOAN UNWANTED	VIIIK = 5,515,702
52  28	CAROLINE COUNTY MD DETENTION CENTER PUMP STATION REPAIR/REHAB  CW0060  Ben.Pop= 150	PROBLEM: EXISTING PUMP STATION AGING; FAILURES TO CHOPTANK RIVER; WET WELL IN FLOODPLAIN; SYSTEM SUBJECT TO MISUSE BY INMATES  PROJECT: CONSTRUCT REHAB/REPAIR, RELOCATE TANK, INSTALL IN-LINE COMMUNUTORS,UPGRADE PUMP CONTROLS, MONITORS, SENSORS	RUTH COLBOURNE  COUNTY COMMISSIONERS OF CAROLINE COUNTY  <i>System Size = Small</i> Caroline County	36  1	02-13-04-04  <i>NPDES #</i> MD0020494	W/S: Y PFA: Y  PUBLIC SMALL DISADV.	<i>Design</i> 03/01/2017  <i>Construction</i> 07/01/2018 12/31/2018	589,000  <i>Loan \$</i> 542,000	542,000  LOAN INTEREST	IIIB = 589,000
53  28	RUBBERSET WASTEWATER PUMP STATION REPLACEMENT  CW0022  Ben.Pop= 1,450	PROBLEM: EXISTING PUMP STATION IS UNDERSIZED/HAS EXCEEDED USEFUL LIFE; MULTIPLE SANITARY SEWER OVERFLOWS REPORTED  PROJECT: CONSTRUCT REPLACEMENT PUMP STATION TO HANDLE EXISTING FLOWS; REROUTE FORCE MAIN	RICK POLLITT  CITY OF CRISFIELD  <i>System Size = Small</i> Somerset County	38A  1	02-13-02-06  <i>NPDES #</i> MD0020001	W/S: Y PFA: 1  PUBLIC DISADV.	<i>Design</i> 06/01/2017  <i>Construction</i> 06/01/2018 06/30/2019	2,251,800  1,850,000	1,850,000  LOAN UNWANTED	IIIB = 2,251,800
54  28	CRISFIELD I&I REMOVAL PH 1  CW0021  Ben.Pop= 1,900	PROBLEM: CITY'S SANITARY SEWER COLLECTION SYSTEM IS DETERIORATING; MULTIPLE SANITARY SEWER OVERFLOWS REPORTED  PROJECT: CONSTRUCT REHAB OF APPROXIMATELY 17,000 LF OF CIPP LINING (8-12"), POINT REPAIRS, MANHOLE REHAB	RICK POLLITT  CITY OF CRISFIELD  <i>System Size = Small</i> Somerset County	38A  1	02-13-02-06  <i>NPDES #</i> MD0020001	W/S: Y PFA: 1  Compliance PUBLIC DISADV.	<i>Design</i> 06/01/2017  <i>Construction</i> 06/01/2018 06/30/2019	1,000,000  818,400	818,400  LOAN UNWANTED	IIIA = 1,000,000
55  28	COVE STREET WASTEWATER PUMP STATION REPLACEMENT  CW0023  Ben.Pop= 3,100	PROBLEM: EXISTING PUMP STATION HAS EXCEEDED USEFUL LIFE: INADEQUATELY SIZED, FAILS REPEATEDLY, INEFFICIENT AND UNSAFE  PROJECT: CONSTRUCT REPLACEMENT PUMP STATION INC. FLOW METER, VALVE VAULT, BYPASS CONN AND OTHER CONTROLS TO HANDLE EXISTING FLOWS	RICK POLLITT  CITY OF CRISFIELD  <i>System Size = Small</i> Somerset County	38A  1	02-13-02-06  <i>NPDES #</i> MD0020001	W/S: Y PFA: 1  PUBLIC DISADV.	<i>Design</i> 06/01/2017  <i>Construction</i> 06/01/2018 06/30/2019	637,400  500,000	500,000  LOAN UNWANTED	IIIB = 637,400

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Monday, May 22, 2017

Page 12

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56  23	WILLIAMSPORT SANITARY SEWER COLLECTION SYSTEM & LIFT STATION IMPR  CW0020 Ben.Pop= 750	PROBLEM: EXCESSIVE INFLOW AND INFILTRATION  PROJECT: PLAN/DESIGN/CONSTRUCT REPLACEMENT OF ~3800 LF (8-12") SANITARY SEWER LINES; REHAB 15 MANHOLES	JAMES G. MCCLEAF II  TOWN OF WILLIAMSPORT  <i>System Size = Small</i> Washington County	2A  6	02-14-05-04  <i>NPDES #</i> MD0063509	W/S: Y PFA: 1  PUBLIC SMALL DISADV.	<i>Design</i> 08/01/2017  <i>Construction</i> 02/01/2017 08/31/2018	999,000	999,000   LOAN UNWANTED	IIIA = 999,000
57  23	INDIAN ACRES DAM REPAIR  CW0049 Ben.Pop= 6,000	PROBLEM: DAM IN "UNSAFE VERY POOR" CONDITION; BOTTOMS OF PIPES HAVE RUSTED AWAY, FLOWS CAUSING DOWNSTREAM DEGRADATION  PROJECT: REPAIR/REHAB THE FOUR 36" METAL PIPES IN THE SPILLWAY, VOIDS IN DAM WILL BE GROUTED, RIPRAP OUTFALL BASIN & ENDWALL CONSTRUCT	JOE BEHRLE  WSC, INC  Cecil County	36  1	02-13-06-10	W/S: E PFA: E  PRIVATE SMALL	<i>Design</i> 01/01/2014  <i>Construction</i> 06/01/2017 12/31/2017	598,756	541,756  <u>Loan \$</u> 541,756 LOAN INTEREST	VIIIK = 598,756
58  23	CUMBERLAND CSO WATER QUALITY ANALYSIS (PROJECT NO. 18-15-WWTP)  CW0061 Ben.Pop= 48,885	PROBLEM: UNKNOWN WATER QUALITY CONDITIONS BEFORE/AFTER CSO STORAGE FACILITY ONLINE; CONSENT DECREE #01-C-00-18342L  PROJECT: IN-STREAM MONITORING (SAMPLING AND LAB ANALYSIS) PRIOR TO AND FOLLOWING COMPLETION OF CSO STORAGE *NOT BRF ELIGIBLE*	JOHN DIFONZO  CITY OF CUMBERLAND  <i>System Size = Large</i> Allegany County	1  6	12-14-10-01  <i>NPDES #</i> MD0021598	W/S: Y PFA: 1  Compliance PUBLIC DISADV.	<i>Design</i> 02/01/2016  <i>Construction</i> // //	123,000	100,000   LOAN UNWANTED	O = 123,000
59  23	EDGEMONT RESERVOIR REHABILITATION (EMERGENCY REPAIR) PROJECT  CW0081 Ben.Pop= 108,600	PROBLEM: SEEPAGE FROM THE TOE OF THE RESERVOIR/POTENTIAL FAILURE THREATENING DOWNSTREAM WATER QUALITY  PROJECT: PLAN/DESIGN/CONSTRUCT REPAIRS TO THE TOE-DRAIN, EMERGENCY SPILLWAY, INTAKE PIPING TO STABILIZE STRUCTURE	NANCY HAUSRATH  CITY OF HAGERSTOWN - UTILITIES DEPARTMENT  <i>System Size = Large</i> Washington County	2C  6		W/S: E PFA: E  Compliance PUBLIC LARGE DISADV.	<i>Design</i> 05/01/2017  <i>Construction</i> 11/01/2018 12/31/2019	5,750,000	5,650,000  <u>Loan \$</u> 5,650,000 LOAN INTEREST	VIIIK = 5,750,000
60  23	HUNTING CREEK STREAMBANK RESTORATION - PHASE II  CW0059 LINEAR FEET=3,900	PROBLEM: STREAM CHANNEL EROSION RESULTING IN HABITAT DEGRADATION, TREE CANOPY LOSS, DESTABILIZATION OF WATER/SEWER LINES  PROJECT: PLAN/DESIGN/CONSTRUCT STABILIZATION OF 3,900 LF OF STREAMBANKS	JAMES HUMERICK  TOWN OF THURMONT  Frederick County	4A  8	02-14-03-03	W/S: E PFA: E  PUBLIC	<i>Design</i> 06/01/2015  <i>Construction</i> 11/01/2017 05/31/2018	1,364,950	1,364,950   LOAN UNWANTED	VIIIK = 1,364,950

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Monday, May 22, 2017

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Page 13

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61  18  <b>GREEN (E)</b>	PISCATAWAY WWTP BIO ENERGY PROJECT  CW0063  Ben.Pop= 192,690	PROBLEM: MORE RESTRICTIVE GUIDELINES RE LAND APPLICATION OF CLASS B BIOSOLIDS  PROJECT: DESIGN/CONSTRUCT CLASS A REGIONAL BIOSOLIDS FACILITY, INC BIOENERGY FACILITIES; REQUIRES NEW/MODIFIED TREATMENT PROCESSES	STANLEY DABEK  WSSC  Prince George's County	REG  5	02-14-02-01  NPDES # MD0021539	W/S: Y PFA: 2  PUBLIC LARGE DISADV.	<i>Design</i> 01/01/2017  <i>Construction</i> 02/01/2018 01/31/2022	162,190,000  <i>Green \$</i> 42,000,000	162,190,000  <u>Loan \$</u> 162,190,000 LOAN INTEREST	0 = 162,190,000
62  18	ROBERT MILL STORMWATER MANAGEMENT FACILITY  CW0072  DRAIN ACRES=304	PROBLEM: THREE SMALL EXTENDED DETENTION PONDS OUTDATED/INSUFFICIENT SW TREATMENT; MS4 PERMIT  PROJECT: CONSTRUCT CONVERSIONS TO A SINGLE LARGE WET POND	COLLEEN ENSOR  CARROLL COUNTY COMMISSIONERS  Carroll County	5  8	02-14-03-03	W/S: E PFA: E  Compliance PUBLIC	<i>Design</i> 12/01/2016  <i>Construction</i> 10/01/2018 11/30/2019	2,183,313	1,108,313  LOAN UNWANTED	VIB = 2,183,313
63  18	WILLOW POND STORMWATER MANAGEMENT FACILITY  CW0074  DRAIN ACRES=270	PROBLEM: CURRENT POND IS TOO SHALLOW, IS NOT EFFECTIVE AS A SW MANAGEMENT FACILITY; MS4 PERMIT  PROJECT: CONSTRUCT RETROFITS TO POND, DEEPEN POND, RELOCATE DAM, RESTORE STREAM CHANNEL, REMOVE EXISTING BASINS	COLLEEN ENSOR  CARROLL COUNTY COMMISSIONERS  Carroll County	5  8	02-13-09-07	W/S: E PFA: E  Compliance PUBLIC	<i>Design</i> 09/01/2016  <i>Construction</i> 07/01/2018 05/31/2019	3,847,516	1,787,516  LOAN UNWANTED	VIB = 3,847,516
64  18	SHANNON HAWK STORMWATER MANAGEMENT FACILITY  CW0073  DRAIN ACRES=213	PROBLEM: EXISTING WET POND AND 2 FAILED EXTENDED DETENTION PONDS PROVIDE INSUFFICIENT SW MGMT FOR DEVELOPMENT; MS4 PERMIT  PROJECT: CONSTRUCT RETROFITS TO CONVERT TO WETLAND AND EXPAND FOR IMPROVED SW MGMT AND CHANNEL PROTECTION	COLLEEN ENSOR  CARROLL COUNTY COMMISSIONERS  Carroll County	5  8	02-13-09-08	W/S: E PFA: E  Compliance PUBLIC	<i>Design</i> 12/01/2015  <i>Construction</i> 10/01/2018 11/30/2019	1,255,813	655,813  LOAN UNWANTED	VIB = 1,255,813
65  15	CAMBRIDGE HIGH STREET SEWER REHABILITATION  CW0007  Ben.Pop= 200	PROBLEM: AGING/LEAKING SEWER LINES SUBJECT TO I&I, CAUSING STREET ABOVE TO DETERIORATE  PROJECT: CONSTRUCT REHABS TO 1,800 LF OF 12" SEWER MAIN, INC 7 MANHOLES AND 40 SEWER SERVICE LATERALS TO	GEORGE W. HYDE, P.E.  CITY OF CAMBRIDGE  Dorchester County	37B  1	02-13-04-03  NPDES # MD0021636	W/S: Y PFA: Y  PUBLIC LARGE DISADV.	<i>Design</i> 10/01/2015  <i>Construction</i> 04/01/2018 04/30/2019	550,000	506,000  <u>Loan \$</u> 200,000 LOAN INTEREST	IIIA = 550,000

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66  15	MATTAWOMAN INFILTRATION & INFLOW: PINEFIELD AREA  CW0084 Ben.Pop= 1,000	PROBLEM: EXCESSIVE INFLOW/INFILTRATION  PROJECT: CONSTRUCT CAST-IN-PLACE PIPE LINING, POINT REPAIRS AND MANHOLE REHABILITATION OF 8000 LD OF 8-10" SEWER LINES.	JOHN H. STEVENS  CHARLES COUNTY COMMISSIONERS  <i>System Size = Small</i> Charles County	28  05	  NPDES # MD0021865	W/S: Y PFA: 1  PUBLIC	<i>Design</i> 06/01/2016  <i>Construction</i> 07/01/2018 01/31/2019	1,285,180	1,150,000   LOAN UNWANTED	IIIA = 1,285,180
67  15  GREEN (E)	OAKLAND WASTEWATER COLLECTOR SYSTEM REHAB/I&I CORRECTION  CW0046 Ben.Pop= 2,200	PROBLEM: EXCESSIVE INFLOW AND INFILTRATION (I&I)  PROJECT: DESIGN/CONSTRUCT REHAB/REPLACEMENT OF APPROXIMATELY 6565 LF OF FAILING COLLECTOR LINES AND EQUIPMENT	TOWN OF OAKLAND  MAYOR AND TOWN COUNCIL OF OAKLAND  <i>System Size = Small</i> Garrett County	1A  6	05-02-02-01  NPDES # MD0020648	W/S: Y PFA: Y  PUBLIC SMALL DISADV.	<i>Design</i> 05/01/2017  <i>Construction</i> 02/01/2018 12/31/2018	1,920,000	1,920,000  <u>Loan \$</u> 400,000 LOAN INTEREST	IIIA = 1,920,000
68  13	LUKE SEWER REPLACEMENT  CW0014 Ben.Pop= 70	PROBLEM: AGING/DETERIORATING COMBINED SYSTEM OF TERRA COTTA PIPE DOES NOT MEET 10' OFFSET BETWEEN WATER AND SEWER LINES  PROJECT: P/D/C REPLACEMENT W/5,350 LF OF 6" - 10" PVC PIPE, INC MANHOLES, MAINLINE CLEANOUTS, AND HOUSE CONNECTIONS	MAYOR EDWARD CLEMONS JR TOWN OF LUKE  <i>System Size = Small</i> Allegany County	1A  6	02-14-10-05  NPDES # MD021687	W/S: Y PFA: 1  PUBLIC DISADV.	<i>Design</i> 07/01/2017  <i>Construction</i> 03/01/2018 11/30/2018	1,430,000	1,430,000   LOAN UNWANTED	IIIB = 1,430,000
69  13	DELMAR SEWER REPLACEMENT PROJECT  CW0048 Ben.Pop= 108	PROBLEM: EXCESSIVE INFLOW AND INFILTRATION (I&I)  PROJECT: DESIGN/CONSTRUCT REHABS TO 4,078 LF OF 8" - 12" SEWER MAIN AND 18 MANHOLES	SARA BYNUM-KING  TOWN OF DELMAR  <i>System Size = Small</i> Wicomico County	38B  1	02-13-03-04  NPDES # MD0020532	W/S: Y PFA: Y  PUBLIC SMALL DISADV.	<i>Design</i> 06/01/2017  <i>Construction</i> 05/01/2018 12/31/2018	1,252,033	1,242,033  <u>Loan \$</u> 186,305 LOAN INTEREST	IIIA = 1,252,033
70  13	MEXICO FARMS INDUSTRIAL PARK PUMP STATION UPGRADE  CW0077 Ben.Pop= 400	PROBLEM: PUMP STATION IS AGING; UPGRADE NEEDED TO WORK WITH NEW PUMPS & CONTROLS; CANNOT OPERATE/MAINTAIN FROM REMOTE LOCATION/COSTLY  PROJECT: CONSTRUCT IMPROVEMENTS TO UTILIZE NEW EQUIPMENT, INSTALL GENERATOR	JAMES L. WEBBER, PE  ALLEGANY COUNTY COMMISSIONERS  <i>System Size = Small</i> Allegany County	1C  6	02-14-10-01  NPDES # MD0021598	W/S: Y PFA: Y  PUBLIC SMALL DISADV.	<i>Design</i> 06/01/2017  <i>Construction</i> 03/01/2018 03/31/2019	2,225,000	1,000,000  <u>Loan \$</u> 500,000 LOAN INTEREST	IIIB = 2,225,000

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Page 15

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71  13	RAWLINGS SEWER PROJECT  CW0078 Ben.Pop= 750	PROBLEM: EXISTING PRIVATE SEWER SYSTEM SERVING 300 HOMES IN POOR CONDITION; EXCESSIVE INFLOW AND INFILTRATION  PROJECT: CONSTRUCT REPLACEMENT OF 41,000 LF OF 8" SEWER LINE TO CONNECT TO BARTON BUSINESS PARK WWTP (CO OPERATED)	JAMES L. WEBBER, PE  ALLEGANY COUNTY COMMISSIONERS  <i>System Size = Small</i> Allegany County	1A  6	02-14-10-01  <i>NPDES #</i> MD0023213	W/S: Y PFA: Y  PUBLIC SMALL DISADV.	<i>Design</i> 05/01/2017  <i>Construction</i> 04/01/2018 07/31/2019	6,800,000	2,500,000  <i>Loan \$</i> 900,000 LOAN INTEREST	IIIB = 6,800,000
72  13	SHARPTOWN SEWER COLLECTION SYSTEM REPAIR  CW0052 Ben.Pop= 835	PROBLEM: I&I FROM STRUCTURAL DEFECTS IN COLLECTION SYSTEM CAUSING INCREASED FLOWS TO WWTP  PROJECT: DESIGN/CONSTRUCT REPAIRS/REPLACEMENTS APPROXIMATELY 10,000 LF OF 8" TO 12" SEWER PIPE AND MANHOLES	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> 10/01/2017  <i>Construction</i> 06/01/2018 12/31/2018	1,488,875	1,291,040  <i>Loan \$</i> 1,291,040 LOAN INTEREST	IIIA = 1,488,875
73  13	CRISFIELD LANE SEWER REPLACEMENT  CW0051 Ben.Pop= 1,175	PROBLEM: INFLOW, REVERSE PIPE SLOPES AND PIPE BLOCKAGES  PROJECT: DESIGN/CONSTRUCT REPLACEMENT WITH ~ 2270 LF OF 10" & 12" SEWER PIPE, CLEANOUTS, & PAVEMENT RESTORATION	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> 04/01/2018 08/31/2018	789,605	638,760  <i>Loan \$</i> 638,760 LOAN INTEREST	IIIA = 789,605
74  13	UNION BRIDGE I&I REDUCTION IN SEWAGE COLLECTION  CW0003 Ben.Pop= 1,525	PROBLEM: EXCESSIVE INFLOW AND INFILTRATION (I&I)  PROJECT: STUDY TO DETERMINE LOCATION OF I&I; PLAN/DESIGN/CONSTRUCT REPAIR AND REPLACEMENT OF PIPING AND MANHOLES ALONG 32,000 LF	DAWN METCALF  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> 09/01/2017  <i>Construction</i> 06/01/2018 10/31/2018	970,000	970,000  <i>Loan \$</i> 970,000 LOAN INTEREST	IIIA = 970,000
75  13	RIDGELY DOWNTOWN SEWER REPLACEMENT PROJECT  CW0015 Ben.Pop= 1,750	PROBLEM: I&I AND SEWER OBSTRUCTIONS IN TERRA COTTA SEWER LINES RESULT IN INCREASED FLOWS TO WWTP AND POTENTIAL OVERFLOWS.  PROJECT: PLAN/DESIGN/CONSTRUCT 14,550 LF OF 8" PVC LINE AND 1,200 LF OF 6" PVC LINE TO REPLACE EXISTING	J. RYAN FLICKINGER, PE  TOWN OF RIDGELY  <i>System Size = Small</i> Caroline County	36  1	02-13-04-04  <i>NPDES #</i> MD0020427	W/S: Y PFA: 1  PUBLIC DISADV.	<i>Design</i> 04/01/2017  <i>Construction</i> 01/01/2018 09/30/2020	2,830,000	2,830,000  LOAN UNWANTED	IIIA = 2,830,000

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- IVB. New Interceptor Sewer
- VA. CSO Correction - Traditional
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- VIB. SW Treatment Systems
- VIC. Green Infrastructure
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- VIIJ. NPS: Sanitary Landfills
- VIIK. NPS: Hydromodification
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**Clean Water Funds (State Revolving Loan/ State Grant)**

Page 16

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76  13	OAKLAND WASTEWATER LAGOONS REHABILITATION  CW0045 Ben.Pop= 2,200	PROBLEM: ACCUMULATION OF SLUDGE IN WWTP LAGOONS AFFECTING RETENTION TIME AND PERFORMANCE; LINERS NEED REPAIR/UPGRADE  PROJECT: PLAN/DESIGN/CONSTRUCT REMOVAL OF SLUDGE AND REPAIR OR REPLACEMENT OF LINERS, AS NEEDED	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> 05/01/2017  <i>Construction</i> 02/01/2018 12/31/2018	530,000	530,000  <i>Loan \$</i> 100,000 LOAN INTEREST	I = 530,000
77  13	WESTERNPORT-LINCOLN DRIVE SEWER REPLACEMENT  CW0036 Ben.Pop= 2,225	PROBLEM: EXCESSIVE INFLOW AND INFILTRATION (I&I)  PROJECT: DESIGN/CONSTRUCT REPLACEMENT OF ~ 1,400 LF SEWER PIPE WITH 12" PVC PIPE	RON TATARIV  TOWN OF WESTERNPORT  <i>System Size = Small</i> Allegany County	1A  1	02-14-10-04  <i>NPDES #</i> MD021687	W/S: Y PFA: 1  PUBLIC DISADV.	<i>Design</i> 04/01/2017  <i>Construction</i> 04/01/2018 04/30/2019	2,225,000	2,200,000  LOAN UNWANTED	IIIA = 2,225,000
78  13	GREAT MILLS WASTEWATER PUMPING STATION UPGRADE  CW0029 Ben.Pop= 3,118	PROBLEM: EXISTING 0.576 MGD PUMP STATION IS DETERIORATING, OVER-ALLOCATED, AND IN A FLOOD ZONE  PROJECT: CONSTRUCT A NEW 0.833 MGD PUMP STATION OUTSIDE FLOOD ZONE; 850 LF 8" FORCE MAIN AND 16" GRAVITY MAIN	STEVEN ENGLESON  ST. MARY'S METCOM  <i>System Size = Large</i> St. Mary's County	29B  5	02-14-01-03  <i>NPDES #</i> MD0021679	W/S: Y PFA: 5  PUBLIC LARGE	<i>Design</i> 08/01/2013  <i>Construction</i> 05/01/2017 05/31/2019	7,691,370	7,691,370  <i>Loan \$</i> 7,691,370 LOAN INTEREST	IIIB = 7,691,370
79  13	POCOMOKE SEWER LINE REPLACEMENT  CW0019 Ben.Pop= 4,185	PROBLEM: ANTIQUATED TERRA-COTTA SEWER LINES BREAKING CAUSING I&I PROBLEMS  PROJECT: P/D/C REPLACEMENT ~12,600 (8") SEWER LINES WITH PVC LINES, TWO NEW & REHAB ONE MANHOLE(S); REPLACE LATERALS AS NEEDED	ERNEST A. CROFOOT  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> 09/01/2017  <i>Construction</i> 09/01/2018 05/31/2019	5,277,138	5,277,138  <i>Loan \$</i> 1,000,000 LOAN INTEREST	IIIB = 5,277,138
80  13	DENTON DISINFECTION AND SYSTEM UPGRADES  CW0028 Ben.Pop= 5,845	PROBLEM: POTENTIAL HAZARD OF CHLORINE/SULFUR GAS DISINFECTION SYSTEM, BULGING BIOLAC LINER IN BASIN #2  PROJECT: P/D/C UV DISINFECTION SYSTEM TO REPLACE CHEMICAL; REPLACE LINER AND DIFUSER MEMBRANES IN BASIN #2; UPGRADE BNR/ENR CONTROLS	DONALD MULRINE  TOWN OF DENTON  <i>System Size = Small</i> Caroline County	36  1	<i>NPDES #</i> MD0020494	W/S: Y PFA: 1  PUBLIC DISADV.	<i>Design</i> 03/01/2017  <i>Construction</i> 02/01/2018 10/31/2018	1,929,200	1,929,200  LOAN UNWANTED	II = 1,929,200

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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

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VIB. SW Treatment Systems  
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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  13	INDIAN HEAD INFLOW & INFILTRATION REDUCTION PROGRAM  CW0002  Ben.Pop= 6,250	PROBLEM: EXCESSIVE INFLOW AND INFILTRATION (I&I)  PROJECT: STUDY TO DETERMINE LOCATION OF I&I; PLAN/DESIGN/CONSTRUCT REPAIR AND REPLACEMENT OF PIPING AND MANHOLES ALONG 35,000 LF	LUCINDA STEVENS  TOWN OF INDIAN HEAD  <i>System Size = Small</i> Charles County	28  5	02-14-01-11  <i>NPDES #</i> MD0020052	W/S: Y PFA: Y  PUBLIC SMALL	<i>Design</i> 10/01/2017  <i>Construction</i> 05/01/2017 09/30/2017	1,035,000	1,025,000  <i>Loan \$</i> 1,025,000 LOAN INTEREST	IIIA = 1,035,000
82  13	THURMONT SEWER SYSTEM I&I REDUCTION - PHASE IV  CW0058  Ben.Pop= 7,100	PROBLEM: EXCESSIVE INFLOW AND INFILTRATION  PROJECT: CONSTRUCT/REHAB/REPLACEMENT OF 13,550 LF OF 8" LINING, POINT REPAIRS AND MANHOLES	JAMES HUMERICK  TOWN OF THURMONT  <i>System Size = Small</i> Frederick County	4A  8	02-14-03-03  <i>NPDES #</i> MD0021121	W/S: Y PFA: Y  PUBLIC SMALL	<i>Design</i> 11/01/2013  <i>Construction</i> 02/01/2018 02/28/2019	2,765,000	2,600,000  <i>Loan \$</i> 2,100,000 LOAN INTEREST	IIIA = 2,765,000
83  13	HAVRE DE GRACE COLLECTION SYSTEM IMPROVEMENTS  CW0008  Ben.Pop= 18,000	PROBLEM: 12" TERRA COTTA SEWER IS SUFFERING STRUCTURAL FAILURE, CAUSING ROADWAY TO COLLAPSE  PROJECT: PLAN/DESIGN/CONSTRUCT REPLACEMENT OF EXISTING W/500 LF OF 12' SEWER AND REPLACE 1 MANHOLE	BILL REEDER  MAYOR/CITY COUNCIL, CITY OF HAVRE DE GRACE  <i>System Size = Large</i> Harford County	34  2	02-12-02-01  <i>NPDES #</i> MD0021750	W/S: Y PFA: Y  PUBLIC LARGE	<i>Design</i> 07/01/2017  <i>Construction</i> 01/01/2018 03/31/2018	525,000	475,000  <i>Loan \$</i> 475,000 LOAN INTEREST	IIIB = 525,000
84  13	PINEY BRANCH SEWER REPLACEMENT (UPPER REACHES)  CW0083  Ben.Pop= 28,500	PROBLEM: GRAVITY SEWER DETERIORATING/LEAKING  PROJECT: CONSTRUCT APPROXIMATELY 2,500 LF OF 36" SEWER WITH 10 MANHOLES AND RELATED APPURTENANCES TO REPLACE EXISTING	JOHN H. STEVENS  CHARLES COUNTY COMMISSIONEERS  <i>System Size = Large</i> Charles County	28  5	02-14-01-11  <i>NPDES #</i> MD0068365	W/S: Y PFA: 1  PUBLIC	<i>Design</i> 05/01/2017  <i>Construction</i> 09/01/2018 12/31/2019	1,952,860	900,000   LOAN UNWANTED	IIIB = 1,952,860
85  13	SALISBURY I&I REMEDIATION, PH 1  CW0004  Ben.Pop= 36,200	PROBLEM: I&I ENTERING COLLECTION SYSTEM, RESULTING IN INCREASED FLOW AT WWTP WHICH IS NOT COST-EFFECTIVE TO TREAT;  PROJECT: DESIGN/CONSTRUCTION OF MANHOLE REHAB IN THE PHASE 1 STUDY AREA, INC 426 WATERTIGHT INSERTS, 105 FRAMES/COVERS, COATING, ETC	AMANDA POLLACK, P.E.  CITY OF SALISBURY  <i>System Size = Large</i> Wicomico County	REG  1	02-13-03-01  <i>NPDES #</i> MD0021571	W/S: Y PFA: Y  PUBLIC LARGE DISADV.	<i>Design</i> 07/01/2017  <i>Construction</i> 04/01/2018 10/31/2018	790,000	630,000  <i>Loan \$</i> 630,000 LOAN INTEREST	IIIA = 790,000

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Page 18

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86  13  <b>GREEN (G)</b>	MOUNTAIN LAKE PARK STORMDRAIN PROJECT HERITAGE DRIVE/PENSINGER  CW0001 DRAIN ACRES=22	PROBLEM: EXISTING STORM DRAINS NOT SIZED ADEQUATELY OR LOCATED PROPERLY TO HANDLE & CONVEY RUNOFF FROM DEVELOPMENT CAUSING FLOODING  PROJECT: CONSTRUCT REHAB/INSTALL 1,700 LF HDPE STORM DRAIN (12"-36"), BIORETENTION AREAS, GRASS SWALES, PAVEMENT/ROOF DRAINS REMOVED	MAYOR BRITTON L. MARTIN  TOWN OF MOUNTAIN LAKE PARK  Garrett County	1A  6	05-02-02-02	W/S: E PFA: E  PUBLIC DISADV.	<i>Design</i> 08/01/2007  <i>Construction</i> 01/01/2018 12/31/2018	1,143,038  <i>Green \$</i> 121,500	1,129,229  LOAN UNWANTED	VIA = 1,143,038
87  10	CHESAPEAKE CITY I&I REHABILITATION  CW0055 Ben.Pop= 2,400	PROBLEM: SEWAGE INFLOW & INFILTRATION  PROJECT: P/D/C REPAIR/REPLACEMENT OF PIPE, PIPE CLEANING & LINING AND SPOT REPAIRS TO BOTH NORTH & SOUTH COLL SYSTEMS	SANDRA EDWARDS  TOWN OF CHESAPEAKE CITY  <i>System Size = Small</i> Cecil County	36  1	02-13-06-04  <i>NPDES #</i> MD0020401	W/S: Y PFA: Y  PUBLIC SMALL DISADV.	<i>Design</i> 02/01/2017  <i>Construction</i> 08/01/2017 02/28/2018	2,312,500  <i>Loan \$</i> 2,312,500	2,312,500  LOAN INTEREST	IIIA = 2,312,500
88  5	CAMBRIDGE I&I INVESTIGATION  CW0012 Ben.Pop= 18,100	PROBLEM: I&I IN AGING SANITARY SEWER LINES  PROJECT: COMPLETE I&I STUDY OF 6 MILES OF LINES IN "WEST END" AREA TO DEVELOP REHAB BUDGET/PLAN	BRENT R. JETT, PE  CITY 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>Construction</i>  //  //	100,000  <i>Loan \$</i> 25,000	75,000  LOAN INTEREST	IIIA = 100,000
89  5  <b>GREEN (E)</b>	MD DEPT OF HOUSING AND COMMUNITY DEVELOPMENT ENERGY FUND - DAC  CW0075	PROBLEM: AIR EMISSIONS FROM ENERGY USE CONTRIBUTE TO ATMOSPHERIC DEPOSITION OF NUTRIENTS TO SURFACE WATERS  PROJECT: CAPITALIZE A REVOLVING LOAN FUND ("ENERGY FUND") TO PROVIDE LOW INTEREST LOANS FOR ENERGY EFFICIENCY UPGRADES IN DAC HOUSING	JOE SEEHUSEN  MD DEPT OF HOUSING AND COMMUNITY DEVELOPMENT  <i>System Size = Large</i>	REG  REG		W/S: E PFA: E  LARGE DISADV.	<i>Construction</i> 01/01/2017 06/30/2019	16,500,000  <i>Green \$</i> 15,000,000	15,000,000  <i>Loan \$</i> 15,000,000 LOAN INTEREST	O = 16,500,000
90  5  <b>GREEN (E)</b>	MD DEPT OF HOUSING AND COMMUNITY DEVELOPMENT ENERGY FUND - NON DAC  CW0076	PROBLEM: AIR EMISSIONS FROM ENERGY USE CONTRIBUTE TO ATMOSPHERIC DEPOSITION OF NUTRIENTS TO SURFACE WATERS  PROJECT: CAPITALIZE A REVOLVING LOAN FUND ("ENERGY FUND") TO PROVIDE LOW INTEREST LOANS FOR ENERGY EFFICIENCY UPGRADES IN HOUSING	JOE SEEHUSEN  MD DEPT OF HOUSING AND COMMUNITY DEVELOPMENT  <i>System Size = Large</i>	REG  REG		W/S: E PFA: E  LARGE <i>Construction</i>	10/01/2017 06/30/2019	11,000,000  <i>Green \$</i> 10,000,000	10,000,000  <i>Loan \$</i> 10,000,000 LOAN INTEREST	O = 11,000,000
<b>Totals ...</b>								<b>\$1,210,273,337</b>	<b>\$1,110,364,569</b>	

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