



# Maryland

Department of  
the Environment

**MARYLAND WATER INFRASTRUCTURE FINANCING ADMINISTRATION  
DRINKING WATER REVOLVING LOAN FUND PROGRAM  
FINAL FEDERAL FISCAL YEAR 2023  
INTENDED USE PLAN  
JULY 31, 2023**

**Wes Moore**  
Governor

**Aruna Miller**  
Lt. Governor

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Secretary

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Deputy Secretary

MARYLAND DEPARTMENT OF THE ENVIRONMENT  
MARYLAND WATER INFRASTRUCTURE FINANCING ADMINISTRATION

**FINAL**

**Federal Fiscal Year 2023 Intended Use Plan  
Maryland Drinking Water Revolving Loan Fund**

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**MARYLAND DEPARTMENT OF THE ENVIRONMENT  
MARYLAND WATER INFRASTRUCTURE FINANCING ADMINISTRATION  
FINAL  
Federal Fiscal Year 2023 Intended Use Plan  
Maryland Drinking Water Revolving Loan Fund**

**EXECUTIVE SUMMARY**

The Intended Use Plan (IUP) is the document that the Maryland Water Infrastructure Financing Administration (MWIFA) submits to the United States Environmental Protection Agency (EPA) to request the Federal Fiscal Year (FFY) 2023 Capitalization Grant under the Safe Drinking Water Act (SDWA), to be matched with 20% of State bond/general funds, for financing of capital projects from the Maryland Drinking Water Revolving Loan Fund (DWRLF or DWSRF). The Maryland DWSRF was established by amendments to the Maryland Water Quality Financing Administration Act, Title 9, Subtitle 16 of the Environment Article, Annotated Code of Maryland, to provide below market interest rate loans and other subsidies to local governments and eligible private entities for certain eligible drinking water capital improvement projects.

In addition, on November 15, 2021, President Biden signed the Bipartisan Infrastructure Law (BIL), also referred to as the Infrastructure Investments and Jobs Act (IIJA) (Pub. L. 117-58), which provides a Supplemental Base allotment, a Lead Service Line allotment, an Emerging Contaminants allotment, and an Emerging Contaminants in Small or Disadvantaged Communities allotment to the Drinking Water SRF Program. This IUP is also the document that MWIFA submits to EPA to request the FFY 2023 BIL Drinking Water SRF Supplemental Base Capitalization Grant, the combined FFY 2022 and FFY 2023 BIL Drinking Water Lead Service Line Capitalization Grants, and the combined FFY 2022 and FFY 2023 BIL Drinking Water Emerging Contaminants Capitalization Grants.

Maryland is making a grant application to receive \$10,260,000 in FFY 2023 Capitalization Grant, plus \$186,000 in Federal Base Reallotment, to be matched with \$2,052,000 (20%) in State funds for the base grant and \$37,200 (20%) for the Federal Base Reallotment. In addition, Maryland is making a grant application to receive \$43,747,000 in BIL Drinking Water SRF Supplemental Federal Capitalization Grant to be matched with \$4,374,700 (10%) in State funds. Also, Maryland is making grant applications to receive \$51,934,000 in FFY 2022 and \$28,650,000 in FFY 2023 BIL Drinking Water Lead Service Line Capitalization Grants (no State match required), and \$13,840,000 in FFY 2022 and \$15,874,000 in FFY 2023 BIL Drinking Water Emerging Contaminants Capitalization Grants (no State match required). Under this IUP, \$141,538,710 (approximately 86%) of all FFY 2022 and FFY 2023 Capitalization Grant and BIL funds of \$170,954,900 (inclusive of State match) is being allocated towards Drinking Water capital projects. The Federal project funds combined with State general fund/GO bond match, loan repayments, and investment earnings will be used to provide low interest loans and other financial subsidies for eligible DWSRF capital improvements, totaling \$172,541,637. The Maryland Water Infrastructure Financing Administration will only be using \$410,400 of the eligible 4% administrative set-aside. The Maryland Department of the Environment (MDE) Water & Science Administration (WSA) will provide EPA a separate work plan for the use of the three programmatic set-asides (2%, 10%, 15%) totaling \$22,541,890 from DWSRF base and BIL funding. MWIFA and MDE WSA maintains their authority to reserve the remaining 2%, 10%, and 15% set-asides from prior Base and BIL Grants as calculated in the table below for future eligible uses.

Water Supply Program Requests for 2%, 10% and 15% Set-Asides as of the Final FFY23 Intended Use Plan (July 31, 2023)							
2022 and 2023 DWSRF Grants							
	Cap Grant		2%	10%	15%	Total	
23 DWSRF Base	\$ 10,260,000	Available	\$ 205,200	\$ 1,026,000	\$ 1,539,000		
		Water Supply Request	\$ 205,200	\$ 1,026,000	\$ 1,539,000	\$ 2,770,200	
		Balance	\$ -	\$ -	\$ -	\$ -	
23 DWSRF BIL Gen Supp	\$ 43,747,000	Available	\$ 874,940	\$ 4,374,700	\$ 6,562,050		
		Water Supply Request	\$ 874,940	\$ 4,374,700	\$ 6,562,050	\$ 11,811,690	
		Balance	\$ -	\$ -	\$ -	\$ -	
22 DWSRF BIL EC	\$ 13,840,000	Available	\$ 276,800	\$ 1,384,000	\$ 2,076,000		
		Water Supply Request	\$ -	\$ 985,798	\$ 364,202	\$ 1,350,000	
		Balance	\$ 276,800	\$ 398,202	\$ 1,711,798	\$ 2,386,800	
23 DWSRF BIL EC	\$ 15,874,000	Available	\$ 317,480	\$ 1,587,400	\$ 2,381,100		
		Water Supply Request	\$ -	\$ 1,055,798	\$ 364,202	\$ 1,420,000	
		Balance	\$ 317,480	\$ 531,602	\$ 2,016,898	\$ 2,865,980	
22 DWSRF BIL LSL	\$ 51,934,000	Available	\$ 1,038,680	\$ 5,193,400	\$ 5,193,400		
		Water Supply Request	\$ 275,544	\$ 275,544	\$ 1,978,912	\$ 2,530,000	
		Balance	\$ 763,136	\$ 4,917,856	\$ 3,214,488	\$ 8,895,480	
23 DWSRF BIL LSL	\$ 28,650,000	Available	\$ 573,000	\$ 2,865,000	\$ 2,865,000		
		Water Supply Request	\$ 288,275	\$ 623,275	\$ 1,748,450	\$ 2,660,000	
		Balance	\$ 284,725	\$ 2,241,725	\$ 1,116,550	\$ 3,643,000	
						\$ 22,541,890	Request
						\$ 17,791,260	Balance

Figure 1 shows a summary of the Sources and Uses of funds under the FFY 2023 IUP.

Sources:		Uses:	
		<b>Set-Asides (Non Project Funds)</b>	
Federal Base Cap Grant 23	\$ 10,260,000	Technical Assistance (up to 2%) Base, BIL Gen, EC,LSL	\$ 1,080,140
State Match @ 20%	\$ 2,052,000	DWSRF Admin. Expenses (up to 4%)	\$ 410,400
Federal Base Re-Allotment	\$ 186,000	DW Program Support (up to 10%)Base, BIL Gen,EC,LSL	\$ 5,400,700
20% State Match (Reallotment )	\$ 37,200	Local Assist./St.Activities (up to 15%) Base,BIL Gen,EC,LSL(10%)	\$ 8,101,050
Federal BIL-supp gen grant 23	\$ 43,747,000	Partial Set Asides for LSL 22&23	\$ 5,190,000
State Match @ 10%	\$ 4,374,700	Partial Set Asides for EC 22&23	\$ 2,770,000
Federal EC Grant 22&23	\$ 29,714,000	Subtotal	\$ 22,952,290
Federal LSL Grant 22&23	\$ 80,584,000		
Revenue Bonds	\$ -		
Est. Repayments/Inv earnings	\$ 24,539,027	DWSRF Capital Projects Loans and Grants	\$ 172,541,637
<b>Total</b>	<b>\$ 195,493,927</b>		<b>\$ 195,493,927</b>

Figure 1

Sources:		Uses:	
		<b>Set-Asides (Non Project Funds)</b>	
Federal Base Cap Grant 23	\$ 10,260,000	Technical Assistance (up to 2%) Base, BIL Gen, EC,LSL	\$ 1,643,959
State Match @ 20%	\$ 2,052,000	DWSRF Admin. Expenses (up to 4%)	\$ 410,400
Federal Base Re-Allotment	\$ 186,000	DW Program Support (up to 10%)Base, BIL Gen,EC,LSL	\$ 8,341,115
20% State Match (Reallotment )	\$ 37,200	Local Assist./St.Activities (up to 15%) Base,BIL Gen,EC,LSL(10%)	\$ 12,556,816

Federal BIL-supp gen. grant 23	43,747,000		Subtotal	\$	22,952,290
State Match @ 10%	4,374,700				
Federal EC Grant 22&23	29,714,000				
Federal LSL Grant 22&23	80,584,000				
Federal EC-SDA Grant 22&23	18,914,000				
Revenue Bonds	-				
Est. Repayments/Inv earnings	24,539,027		DWSRF Capital Projects Loans and Grants	\$	191,455,637
<b>Total</b>	<b>214,407,927</b>		<b>Total</b>	<b>\$</b>	<b>214,407,927</b>

### Capital Project Selection

To provide applicants an opportunity to seek DWSRF funding, Financial Assistance Applications for drinking water (drinking water, source, treatment, storage and distribution, green infrastructure, water or energy efficiency and environmental innovation) capital projects were accepted by MWIFA from December 15, 2022 through January 31, 2023. The IUP Table 1 shows the proposed list of projects for inclusion in the FFY 2023 IUP for DWSRF financial assistance, including those projects that are being considered for additional subsidy (loan principal forgiveness) based on the assumed federal statutory limitations. These projects were selected from the Project Priority List (PPL) based on their: (1) public health, compliance, sustainability benefits, reliability, and affordability benefits per the project priority ranking/scoring criteria; (2) compliance with technical, managerial, and preliminary financial capacity; and (3) readiness to proceed to construction by December 31, 2024. Drinking water projects that are not included in an MDE-approved County Water and Sewer Plan are ineligible for funding. Drinking water projects that are not consistent with Maryland's Smart Growth/Priority Funding Area (PFA) legislation will need a PFA exception approval prior to loan execution. Before loan execution, projects identified in the IUP will undergo a detailed financial capacity/credit analysis by the MWIFA.

**Capital Projects (Project Funds):** A total of \$172,541,637 is available for Drinking Water capital projects identified in Table 1. The DWSRF loan terms are outlined below:

Current Interest Rate*	Standard Rate = 50% of Market Rate Disadvantaged Community (DAC) Rate = 25% of Market Rate (Market Interest Rate is defined as the average of the Bond Buyer 11-Bond Index for the month preceding the loan closing).
	* MDE, by policy, can change the SRF loan interest rate at any time. Interest rates are posted on the MWIFA web site.
Loan Term	Up to 30 Years (up to 40 years for DACs), not to exceed design life
Loan Origination Fee	None
Loan Administrative Fee	5% of the aggregate debt service divided by the number of administrative fee payments over the life of the loan, collected annually. This amounts to approximately a 0.50% (or 50 basis points) increase in the interest rate for a 20-year loan or a 0.35% increase in interest rate for a 30-year loan. The administrative fee is used to help meet program operating expenses. These funds are in addition to any funds provided for DWSRF program expenses from the federal capitalization grant.

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**A. Sources and Uses of Funds**

A comprehensive summary of DWSRF Sources and Uses of Funds is as follows:

-	Cumulative Thru 2022 IUP	2023 IUP
<b>Sources:</b>		
Federal Capitalization Base Grants	\$345,917,706	a \$ 10,260,000
20% State Match to Base Grants	\$ 69,244,600	b \$ 2,052,000
Federal Base Re-Allotment		\$ 186,000
20% State Match to Base Grants		\$ 37,200
Federal BIL_Supple General Grant	\$ 32,960,000	\$ 43,747,000
10% State Match to BIL Federal Grant	\$ 3,296,000	\$ 4,374,700
Federal EC Grants	\$ -	\$ 29,714,000
Federal LSL Grants	\$ -	\$ 80,584,000
Federal Stimulus ARRA Grant 08 IUP	\$ 26,832,000	
Funds Transferred from Water Quality SRF	\$ 10,634,580	c \$ -
Investment Earnings thru SFY 22 (Cap Reserve)	\$ 12,737,845	
Loan Principal Repayments thru SFY 22	\$143,909,243	
Loan Interest Repayments thru SFY 22	\$ 29,431,773	
Subtotal	\$674,963,747	\$ 170,954,900
Estimated Loan Principal Repays (SFYs 23 & 24)	\$ 34,000,000	
Estimated Loan Interest Repayments (SFYs 23 & 24)	\$ 5,400,000	
Estimated Investment Earnings (SFYs 23 & 24)	\$ 580,000	
Estimated Loan Principal (SFY 25)	\$ -	\$ 20,200,000
Estimated Loan Interest Repayments (SFY 25)	\$ -	\$ 3,500,000
Estimated Investment Earnings (SFY 25)	\$ -	\$ 839,027
Reprogrammed		\$ -
Future Revenue Bonds/ Prin/Int Repayments	\$145,000,000	\$ -
Total Sources	\$859,943,747	\$ 195,493,927
<b>Uses:</b>		
Loan/Grant Agreements Entered as of 06/30/2022	\$600,529,704	\$ -
Pending Loans/grants on IUPs as of 04/30/2023	\$160,649,046	\$ 172,541,637
SFY 23 Net Loan Agreements Entered as of 04/30/2023	\$ (329,773)	\$ -
ARRA-Stimulus Fed Administrative/Set aside	\$ 400,000	\$ -
Base -Fed. Set-asides& In Kind (excludes ARRA& BIL listed sep)	\$ 89,402,329	\$ 3,180,600
Federal Set-asides- BIL Supp General	\$ 8,899,200	\$ 11,811,690
Federal Set-asides- LSL		\$ 5,190,000
Federal Set-asides- EC		\$ 2,770,000
Total Uses	\$859,550,506	\$ 195,493,927
<sup>a</sup> Total federal grant award through FFY 2022 Capitalization Grant, excluding ARRA & BIL		

b Includes State General Fund/GO Bond Match through FFY/GY2022					
c Funds transferred from Water Quality SRF to DWSRF (prior years).					
d State General Fund/GO Bond Match to FFY 2023 Capitalization Grant					
Excludes EC-SDC grant as directed by EPA					

## B. Goals of the Maryland Drinking Water Revolving Loan Fund

### 1. Long-Term Goals

- Achieve and/or Maintain Compliance with Safe Drinking Water Standards - Using the DWSRF project priority rating and ranking system, target financial assistance that will help water systems comply with, maintain, or meet safe drinking water standards, and address public health issues.
- Coordination of Capital & Set-Aside Priorities - Coordinate State priorities under the set-aside work plan (technical assistance, source water protection, and technical, managerial & financial capacity development) to target DWSRF funding to high priority capital projects to achieve objectives consistent with the SDWA.
- Fund Perpetuity and Utilization - To provide low interest rate financing and other subsidies to high priority eligible projects that are ready to proceed within a reasonable time while maintaining a perpetual source of capital funds for future projects. The goal is to achieve a fund utilization rate (loans executed/total funds) of 95% or greater. This is one Program Activity Measure (PAM) under EPA's strategic plan for the DWSRF. The DWSRF could finance approximately \$612 million in additional loans, excluding revenue bond leveraging from capitalization grants (not including 27% - 31% allocated toward set-asides annually), State match, repayments, and investment earnings between FFY 2023 and FFY 2027 IUPs. This is in addition to the \$763 million capacity on existing IUPs (1998 – 2022). This analysis assumes an annual Maryland Federal Capitalization Grant of ~\$10 million per year and BIL Supplemental Grants of ~\$43M per year. The cumulative loan capacity of the DWSRF is projected to reach \$1.4 billion by FFY 2027.
- Reasonable User Cost - Ensure drinking water projects are constructed and maintained at a reasonable cost for the users of the system. To this end, DWSRF Disadvantaged Community (DAC) Criteria provides additional subsidies, including loan principal forgiveness, while ensuring reasonable water user rates and financial capacity. In addition, MDE will continue to coordinate with other Federal and State financial assistance programs (e.g., USDA Rural Utilities Service, Community Development Block Grant, Federal Special Appropriation grants) that provide approximately \$15 million/year for water/sewerage system improvements in Maryland.
- Financial Capacity and DAC Assistance - As part of the credit/financial analysis of potential borrowers, the MWIFA will continue to provide financial advisory services to system owners on the feasibility of their user rate structure and financial capacity to pay back a loan. The MWIFA financial model forecasts future operating cash flows based on existing/proposed user rates using audited financial statements. The model has been an effective tool to assist communities in developing affordable user rate structures and in determining additional subsidies to DACs.

### 2. Short-Term Goals/FFY2023 IUP Operating Goals

#### CAPITAL PROJECTS

- Utility Sustainability - To provide low-cost capital financing for existing facility (fix-it-first) upgrades for drinking water system improvements necessary to achieve or maintain SDWA compliance. The FFY 2023 IUP funding list identifies several such projects. Fiscal solvency includes reliable and dedicated sources of revenue for the debt service on capital improvements and the cost of operations and maintenance. Projects that support sustainable elements, such as asset management, or projects that support green infrastructure, such as water/energy efficiency, are awarded sustainability points on the project rating system.
- Additional Subsidization and Eligible Recipients – There are two distinct and additive additional subsidy authorities regarding the FFY 2022 and FFY 2023 capitalization grants: 1) the Congressional Additional Subsidy as authorized by the FFY 2022 and FFY 2023 appropriations require states to provide 14% of the capitalization grant as subsidy (e.g., loan principal forgiveness) to any DWSRF-eligible recipient and 2) the

SDWA Disadvantaged Community Subsidization Amounts as authorized by the SDWA requires the DWSRF provide additional subsidies in the amount no less than 12% of the capitalization grant and no more than 35% of the capitalization grant. Additional subsidies are provided to DAC applicants in priority ranking order and readiness to proceed to construction until the statutory limit is reached. It has been MWIFA's policy that loan principal forgiveness not exceed \$1.5 million per project and/or applicant; however, the Administration reserves the right to provide additional subsidy, should circumstances warrant. DAC projects are eligible to receive up to 50% of the DWSRF financing as loan principal forgiveness. In FY 2015, the DAC eligibility criteria was revised to make it consistent with Water Quality SRF program, which was revised in FY 2023 as follows:

Require at least 2 of the following 4 criteria to qualify as a disadvantaged community

1. Project is physically located and benefits a community with a poverty level above 110% of the statewide poverty rate; and/or
2. Project is physically located and benefits a community with median household income (MHI) less than 80% of State MHI; and/or
3. Project is physically located and benefits a community with an unemployment rate above 120% of the State unemployment rate; and/or
4. Project is physically located and benefits a community with a population trend of less than 1.2%.

Or, if 50% or more of project cost or project scope serves, protects, or benefits an Environmental Justice or overburdened community as identified by a Socioeconomic Score (Distribution Across Maryland) of 75 or more using MDE's Environmental Justice Tracking Tool at <https://mdewin64.mde.state.md.us/EJ/>.

In addition to the above criteria, if the statutory limit for additional subsidy has not been reached, up to 25% of the loan amount as loan principal forgiveness may also be provided to projects in priority ranking order with readiness to proceed where the water user rate would increase by more than 20% to achieve financial capacity as determined by MDE.

### C. Project Selection and Fund Activities under the FFY 2023 IUP

Financial Assistance Applications for drinking water projects were solicited by MWIFA from December 15, 2022 through January 31, 2023 from local governments and private water system owners. These applications were rated and ranked based on Drinking Water Project Priority Rating/Ranking Criteria and identified in the Maryland PPL for Federal FFY 2023 and State FY 2025 Drinking Water Funds (Appendix A). The PPL was used to select projects for the FFY 2023 IUP, based on their priority ranking, applicant's interest in DWSRF loan, and readiness to proceed to construction by December 2024 (unless specifically requesting a planning/design phase loan). Projects that are not consistent with the State's smart growth/priority funding area legislation or have technical/managerial/financial capacity concerns will be allocated funding only after any outstanding issues have been resolved (assuming available DWSRF funding capacity), unless the DWSRF funding allocation will address the technical/managerial/financial capacity issue.

The FFY 2023 IUP includes \$172,541,637 in project funding. Below is a summary of the sources and uses of funds:

<b>Sources:</b>		<b>Uses:</b>	
		<b>Set-Asides (Non Project Funds)</b>	
Federal Base Cap Grant 23	\$ 10,260,000	Technical Assistance (up to 2%) Base, BIL Gen, EC,LSL	\$ 1,080,140
State Match @ 20%	\$ 2,052,000	DWSRF Admin. Expenses (up to 4%)	\$ 410,400
Federal Base Re-Allotment	\$ 186,000	DW Program Support (up to 10%)Base, BIL Gen,EC,LSL	\$ 5,400,700
20% State Match (Reallotment )	\$ 37,200	Local Assist./St.Activities (up to 15%) Base,BIL Gen,EC,LSL(10%)	\$ 8,101,050
Federal BIL-supp gen grant 23	\$ 43,747,000	Partial Set Asides for LSL 22&23	\$ 5,190,000
State Match @ 10%	\$ 4,374,700	Partial Set Asides for EC 22&23	\$ 2,770,000
Federal EC Grant 22&23	\$ 29,714,000	Subtotal	\$ 22,952,290
Federal LSL Grant 22&23	\$ 80,584,000		



Revenue Bonds	\$ -		
Est. Repayments/Inv earnings	\$ 24,539,027		DWSRF Capital Projects Loans and Grants \$ 172,541,637
<b>Total</b>	<b>\$ 195,493,927</b>		<b>\$ 195,493,927</b>

Capital Projects (Project Funds)

Table 1 shows funding for DWSRF projects totaling \$172,541,637. The SDWA specifies that a minimum of 15% of all dollars (capitalization grant, State match, repayments, bond proceeds, investment earnings, transferred funds from WQSRF to DWSRF) credited to the DWSRF project fund, shall be used to provide assistance to small systems. The project list includes \$41,675,328 (24%) for small systems.

Funding by Type of Project: The primary objective of the SDWA is to protect public health by providing safe and adequate drinking water through source water protection, treatment, storage and distribution. Accordingly, the FFY 2023 IUP identifies approximately 3% for source water, 19% for treatment, 77% for transmission/distribution, 0% for finished water storage and 0% for other.

Subsidies for Disadvantaged Communities: There are two distinct and additive additional subsidy authorities regarding the FFY 2022 and FFY 2023 capitalization grants: 1) the Congressional Additional Subsidy as authorized by the FFY 2022 and FFY 2023 appropriations require states to provide 14% (\$1,462,440) of the capitalization grant (including Base Re-Allotment) as subsidy (e.g., loan principal forgiveness) to any DWSRF-eligible recipient, and 2) the SDWA Disadvantaged Community Subsidization Amounts as authorized by the SDWA requires the DWSRF provide additional subsidies in the amount no less than 12% (\$1,253,520) of the capitalization grant and no more than 35% (\$3,656,100) of capitalization grant. In addition, the BIL Drinking Water SRF supplemental Federal Capitalization Grant requires 49% (\$21,436,030) to be provided as additional subsidy. Also, the BIL Emerging Contaminants Grant requires 100% of the grant (\$25,834,000) to be provided as additional subsidy. Moreover, the BIL Lead Service Line Grant requires 49% of the grant (\$39,486,160) to be provided as additional subsidy. Table 1 identifies borrowers that may qualify as Disadvantaged; however, the extent of subsidy provided (e.g., lower interest rate, up to 40-year loan term, loan principal forgiveness) is determined based on the DAC Criteria described in Section B-2, above. The FFY 2023 IUP (Table 1) identifies \$4,987,728 (or 39%) of the capitalization grant in additional subsidies in the form of loan principal forgiveness, \$21,436,030 (or 49%) of BIL Drinking Water supplemental as loan principal forgiveness, \$26,944,000 (100%) in BIL emerging contaminants as loan principal forgiveness, and \$39,486,160 (49%) in BIL lead service line funding as loan principal forgiveness.

Program Income (Non Federal)

The MWIFA charges loan fees equal to 5% of annual debt service, which are used for administrative expenses in addition to the 4% of federal capitalization grant set-aside. The details related to the program income revenue and expenses are provided each year in the annual report. During State FY 2023, MWQFA estimates the fee revenues to be ~\$900,000.

**D. Project Scope of Work/Public Health Benefits – FFY 2023 IUP Projects**

The following are examples of the types of projects selected for financial assistance in the FFY2023 IUP.

*Roop’s Meadow Spring Water Treatment Facility (rank 1/125 points)* in Carroll County will construct a water filtration and chlorination system and approximately 500 linear feet of 6-inch diameter pipe to treat the Roop’s Meadow Spring water currently designated as groundwater under direct influence (GWUDI) source in order to provide system-wide redundancy for the Town of New Windsor drinking water supply, which serves approximately 1,700 residential users. The reintroduction of the Roop’s Meadow Spring water supply will reduce the Town’s reliance on the Dennings Well and Main Spring and their associated aging infrastructure and provide system-wide redundancy for peak water demand.

*Hampstead PFAS Treatment/Centralization Project (rank 3/115 points)* in Carroll County will construct approximately 7,000 linear feet of 3-inch and 4-in raw water pipelines and four (4) water treatment facilities that will employ dilution and/or granular activated carbon (GAC) to reduce PFAS concentrations in the Town of Hampstead’s drinking water supply sources, currently supplied by 21 wells. The system currently serves

approximately 6,300 residential users. The treatment is expected to reduce PFAS and PFOS contamination levels to below 4 parts per trillion (ppt).

*Karla Lane Water Main Replacement (rank 13/90 points)* in Prince George's County will replace approximately 1.47 miles of small diameter (4-inch and 8-inch) water mains, house connections and large water services in the Fort Washington area of Prince George's County. Portions of the water system are more than 80 years old and subject to tuberculation, causing reduced flow and discoloration at the customer's tap, and reduced flows for fire-fighting. This portion of the system currently serves approximately 250 customers.

*Briercrest Apartments Water Service (rank 4/105 points) and Springview and Gilbert's Mobile Home Parks Water Service (rank 5/100 points)* in Frederick County will extend public water service to community water systems contaminated with PFAS. The Briercrest Apartments project will construct approximately 94 linear feet of 8-inch water main, a 2-inch water service connection, and appurtenances to extend public water service to 60 residents in 24 apartment units currently served by a single, private well contaminated with PFAS. Springview and Gilbert's Mobile Home Parks project will construct approximately 2,760 linear feet of 8-inch water main, a 2-inch water service connection, and appurtenances to extend public water service to 150 residents in 56-58 mobile homes currently served by a single, community well contaminated with PFAS. Frederick County has agreed to supply water from the existing nearby water systems to these very small communities.

*Delmar Lead Service Line Inventory (rank 64/50 points)* in Wicomico County will develop a comprehensive list of all lead service lines within the Town of Delmar with the intent to replace identified lead service lines in the future.

#### **E. Minority Business Enterprises/Women's Business Enterprises (M/WBE) Participation**

The EPA and MDE negotiated fair share goals for FFYs 2019, 2020, and 2021 based on the Maryland Department of Transportation 2018 disparity/availability study. Based on these negotiations, MDE set goals of 22% MBE and 16% WBE for the "construction" category (total 38% M/WBE), an increase of 4% over the 34% goal applicable for the previous three-year period. While EPA suspended the requirement for fair share negotiations via RAIN-2019-G10 in October 2019, MDE has elected to keep these previously negotiated percentages in place to serve as aspirational goals on DWSRF projects.

These goals will be applicable to all projects financed using DWSRF (loans, loan principal forgiveness). MDE provides DWSRF applicants an "Insert" for inclusion in procurement/bid documents, which outlines the M/WBE (%) goals and the affirmative/positive steps necessary to show a good faith effort consistent with federal regulations under 40 CFR Part 33. Failure to meet the M/WBE goals does not preclude the use of the SRF, as long as the good faith efforts can be demonstrated and documented. It is important that the loan recipients and their prime contractors undertake the necessary affirmative/positive steps to assure that M/WBE firms are afforded the opportunity to participate in SRF projects. All subcontractors selected to participate on the project are also subject to these Good Faith Efforts requirements when further subcontracting or dividing a scope of work. M/WBE Program details and forms are available on MDE's web site at <http://mde.maryland.gov/programs/Water/WQFA/Pages/mwbe.aspx>.

#### **F. Assurances**

The Department agrees to comply with the Federal program requirements as outlined in the Operating Agreement between EPA and MDE, amended as of April 2014, and further updated as of February 2016.

#### **G. Binding Commitments**

The projected binding commitments will occur at or around construction start date indicated for each project listed in Table 1.

#### **H. Public Review of the Draft FFY 2023 IUP**

The 30-day public comment period started June 28, 2023. On that date, an email was sent to all applicants who submitted Financial Assistance Applications (and others), informing them of the availability of the Draft IUP/PPL on MDE's website. The interested parties list includes representatives from state and local government, environmental consultants/engineers, community groups, neighborhood associations, environmental organizations, etc. Additionally, MWIFA provided an email notification to the following Maryland Commissions/Committees to share with

their membership and interested parties' lists: the Commission on Environmental Justice and Sustainable Communities, the Children's Environmental Health and Protection Advisory Council, and the Bay Restoration Fund Advisory Committee. MWIFA also coordinated with MDE's Communications Office to ensure that the draft IUP documents are shared via the Department's various social media accounts. MWIFA will also share the draft IUP with the Maryland General Assembly. Public comments were received through July 28, 2023, and the comment period closed on that date. MWIFA was available to answer any questions that arose during the comment period to ensure the public fully understands what is being proposed in the IUP. MWIFA was responsive regarding any comments or concerns raised during the public comment period. The Public Hearing Responsiveness Summary and all comments received are attached as Appendix C to this final document. The Responsiveness Summary indicates what actions MDE took on comments submitted, as well as corrections made.