

2023 DWSRF Capitalization Grant Application - Base

And

Bipartisan Infrastructure Law (BIL):

2023 DWSRF Capitalization Grant Application - General Supplemental

2023 DWSRF Emerging Contaminants Grant Application

2023 DWSRF Lead Service Lines Replacement Grant Application

3/21/2023

FUNDS CHART: 2023 GRANT APPLICATION - ALL FUNDS							
3/21/2023							
	TOTAL	2% DEP Set- Aside (2022)	10% DEP Set- Aside (2022)	15% DEP Set- Aside (2022)	ADMIN (2023)	PROGRAM	
FEDERAL BASE GRANT FUNDS - 2023 Allocation & Reallotment	16,606,000 *	0	0	2,490,900	664,240	13,450,860	
20% MATCHING STATE FUNDS	3,321,200	0	0	0	0	3,321,200	
TOTAL	19,927,200	0	0	2,490,900	664,240	16,772,060	
Minimum Principal Forgiveness						4,317,560	
Maximum Principal Forgiveness						8,136,940	
Minimum Green						0	
BIL TOTAL (Appropriation FFY 2023-2024)							
GENERAL SUPPLEMENTAL	69,462,000	1,389,240	4,946,200	1,500,000	2,778,480	58,848,080	
BIL STATE MATCH REQUIREMENT	6,946,200	0	0	0	0	6,946,200	
TOTAL	76,408,200	1,389,240	4,946,200	1,500,000	2,778,480	65,794,280	
LEAD SERVICE LINE REPLACEMENT	154,956,000	0	0	0	6,198,240	148,757,760	
EMERGING CONTAMINANTS	25,205,000	504,100	0	0	1,008,200	23,692,700	
TOTAL	256,569,200	1,893,340	4,946,200	1,500,000	9,984,920	238,244,740	
Supplemental Principal Forgiveness Requirement						34,036,380	
LSL Principal Forgiveness Requirement						75,928,440	
Emerging Contaminants Principal Forgiveness						23,692,700	
<i>Reserving the right to transfer BIL EMERGING CONTAMINANTS TRANSFER FROM CWSRF TO DWSRF</i>							

BASE GRANT CHART 1: PROJECTED BINDING COMMITMENTS - FY 2023										
3/21/2023										
Single Audit Required	Equivalency Project	Categorical Green or Business Case Green	Loan #	Project Name	Total Assistance Amount	Loan	Principal Forgiveness	Green	Small System	PPL Rank (DEP)
yes	Equivalency Project		80227	Municipal Authority of the Borough of Bedford- Phase 2 Cast Iron Water Line Replacement Project	\$10,600,000	\$6,325,000	\$4,275,000	\$ -	yes	
yes	Equivalency Project		80222	Cresson Twp MA Munster Water System Extension	\$1,850,000	\$525,024	\$1,324,976	\$ -	yes	
yes	Equivalency Project		80208	Pittsburgh Water and Sewer Authority - Water Security Upgrades ¹	\$2,022,060	\$9,978,156	\$0	\$ -	no	
no	non-Equivalency		85224	Benton Municipal Water and Sewer Authority - Automatic Shutdown and Distillery Hill Water Storage Tank	\$2,300,000	\$1,770,500	\$529,500	\$ -	yes	
Project Total:					\$16,772,060	\$18,598,680	\$6,129,476	\$ -		
						MIN	4,317,560.00	\$ -		
						MAX	8,136,940.00			
4% Program Administration:					664,240					
					17,436,300					
No	No			2% Set-aside	0.00					
No	No	Categorical		10% Other State Programs, Source Protection Activities	0.00					
No	No	Categorical		15%, Other Authorized Activities, Source Protection	2,490,900.00					
TOTAL					19,927,200	18,598,680.00	6,129,476.00	0.00		
SMALL COMMUNITY DATA:							Current DW IUP			
Total Assistance to Small Communities:							14,750,000			
Percent of Assistance to Small Community:							60%			
<i>NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date</i>										
Equivalency Projects ²					22,428,156					
¹ - \$2,022,060 of the \$9,978,156 project cost is being applied under the Base CAP Grant Application										
² - Must be greater than or equal to \$16,772,060. Federal Amount for Equivalency										

BASE GRANT CHART 2: FY 2023 DWSRF ASAP INCREASES								
3/21/2023								
							(TT from below)	
				ADMIN - 4%	ADMIN - 4%	DEP - 27%	DEP - 27%	
YEAR/FED. QTR	PAYMENT DATE	DWSRF AMOUNT	DWSRF CUM. AMOUNT	SET-ASIDE AMOUNT	SET-ASIDE CUM.AMOUNT	SET-ASIDE AMOUNT	SET-ASIDE CUM.AMOUNT	CUMULATIVE TOTAL
2022/1	10/1/2022	0	0	0	0	0	0	0
2022/2	1/1/2023	0	0	0	0	0	0	0
2022/3	4/1/2023	0	0	0	0	0	0	0
2022/4	7/1/2023	13,450,860	13,450,860	664,240	664,240	2,490,900	2,490,900	16,606,000
2023/1	10/1/2023	0	13,450,860	0	664,240	0	2,490,900	16,606,000
2023/2	1/1/2024	0	13,450,860	0	664,240	0	2,490,900	16,606,000
2023/3	4/1/2024	0	13,450,860	0	664,240	0	2,490,900	16,606,000
2023/4	7/1/2024	0	13,450,860	0	664,240	0	2,490,900	16,606,000
2024/1	10/1/2024	0	13,450,860	0	664,240	0	2,490,900	16,606,000
2024/2	1/1/2025	0	13,450,860	0	664,240	0	2,490,900	16,606,000
2024/3	4/1/2025	0	13,450,860	0	664,240	0	2,490,900	16,606,000
2024/4	7/1/2025	0	13,450,860	0	664,240	0	2,490,900	16,606,000
DEP SET-ASIDES (summarized above)								
.....2023 GRANT.....						TOTAL		
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2023 - DEP		
2022/1	10/01/22	0	0	0	0	0		
2022/2	01/01/23	0	0	0	0	0		
2022/3	04/01/23	0	0	0	0	0		
2022/4	07/01/23	0	0	2,490,900	0	2,490,900		
2023/1	10/01/23	0	0	0	0	0		
2023/2	01/01/24	0	0	0	0	0		
2023/3	04/01/24	0	0	0	0	0		
2023/4	07/01/24	0	0	0	0	0		
2024/1	10/01/24	0	0	0	0	0		
2024/2	01/01/25	0	0	0	0	0		
2024/3	04/01/25	0	0	0	0	0		
2024/4	07/01/25	0	0	0	0	0		

BASE GRANT CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2023							
3/21/2023							
LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	QTR 1	QTR 2	FYE 09/30/2023	
						QTR 3 (Apr, May, Jun)	QTR 4 (Jul, Aug, Sept)
80227	Municipal Authority of the Borough of Bedford- Phase 2 Cast Iron Water Line Replacement Project		10,600,000				10,600,000
80222	Cresson Twp MA Munster Water System Extension		1,850,000				1,850,000
80208	Pittsburgh Water and Sewer Authority - Water Security Upgrades1		2,022,060				2,022,060
85224	Cresson Twp MA Munster Water System Extension		2,300,000				2,300,000
	PROJECT TOTAL		16,772,060				16,772,060
	CUM PROJECT TOTAL						16,772,060
	FY PROJECT TOTALS						16,772,060
SET-ASIDE DISBURSEMENTS:							
		MAXIMUM:	REQUEST:				
	Unbanked Funds						
	ADMIN 4%	664,240	664,240				664,240
	TECH. 2%						
	1452(G)(2) - 10%						
	1452(K) - 15%	2,490,900	2,490,900				2,490,900
	SET-ASIDE TOTAL	3,155,140	3,155,140				3,155,140
	CUM SET-ASIDE TOTAL						3,155,140
	FY SET-ASIDE TOTALS						3,155,140
	COMBINED TOTAL		19,927,201				19,927,200
	CUM COMBINED TOTAL		19,927,201				19,927,200
	FY COMBINED TOTAL						19,927,200
			TOTAL PROJ				16,772,060
			FED PROJ DISB				13,450,860
			STATE MATCH				3,321,200

BASE GRANT CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2023							
3/21/2023							
LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	QTR 1 (Oct, Nov, Dec)	FYE 09/30/2024		
				QTR 2 (Jan, Feb, Mar)	QTR 3 (Apr, May, Jun)	QTR 4 (Jul, Aug, Sept)	
80227	Municipal Authority of the Borough of Bedford- Phase 2 Cast Iron Water Line Replacement Project		10,600,000				
80222	Cresson Twp MA Munster Water System Extension		1,850,000				
80208	Pittsburgh Water and Sewer Authority - Water Security Upgrades1		2,022,060				
85224	Cresson Twp MA Munster Water System Extension		2,300,000				
	PROJECT TOTAL		16,772,060				
	CUM PROJECT TOTAL						
	FY PROJECT TOTALS						
SET-ASIDE DISBURSEMENTS:							
		MAXIMUM:	REQUEST:				
	Unbanked Funds						
	ADMIN 4%	664,240	664,240				
	TECH. 2%						
	1452(G)(2) - 10%						
	1452(K) - 15%	2,490,900	2,490,900				
	SET-ASIDE TOTAL	3,155,140	3,155,140				
	CUM SET-ASIDE TOTAL						
	FY SET-ASIDE TOTALS						
	COMBINED TOTAL		19,927,201				
	CUM COMBINED TOTAL		19,927,201				
	FY COMBINED TOTAL						
			TOTAL PROJ				
			FED PROJ DISB				
			STATE MATCH				

BIL GENERAL SUPPLEMENTAL CHART 1: PROJECTED BINDING COMMITMENTS - FY 2023

3/21/2023

Single Audit Required	Equivalency Project	Categorical Green or Business Case Green	Loan #	Project Name	Total Assistance Amount	Loan	Principal Forgiveness	Green	Small System	PPL Rank (DEP)
Yes	Equivalency Project	No	80202	Northern Cambria Municipal Authority	\$ 11,739,155	\$ 1,128,459	\$ 10,610,696		Yes	
Yes	Equivalency Project	No	80204	Linesville Borough - Water System Improvements	\$ 6,037,729	\$ 2,792,754	\$ 3,244,975		Yes	
Yes	Equivalency Project	No	80205	Sharpsville Borough 2022-2023 Water	\$ 9,800,000	\$ 3,805,859	\$ 5,994,141		Yes	
Yes	Equivalency Project	No	80220	East Cocalico Township Authority - ProFi Drinking Water System ¹	\$ 5,937,866	\$ 9,000,000	\$ -		Yes	
Yes	Equivalency Project	No	80221	Bear Valley Franklin County Pennsylvania Joint Authority	\$ 8,500,000	\$ 8,500,000	\$ -		Yes	
Yes	Equivalency Project	No	80219	Northampton Borough Municipal Authority	\$ 5,407,500	\$ 5,407,500	\$ -		No	
Yes	Equivalency Project	No	80224	Clintonville Borough Sewer and Water Authority - New Water Tank	\$ 3,159,300	\$ 474,023	\$ 2,685,277		Yes	
Yes	Equivalency Project	No	80228	Cowanshannock Township Municipal Authority - Yatesboro Water Treatment Plant Improvements	\$ 2,724,000	\$ 1,436,439	\$ 1,287,561		Yes	
Yes	Equivalency Project	No	80212	Hazleton City Authority	2,275,000	2,275,000	-		No	
Yes	Equivalency Project	pending	pending	Future Projects to be identified by PENNVEST and DEP in 2023	10,213,730	-	10,213,730			
Project Total:					65,794,280	34,820,034	34,036,380	-		
Required							34,036,380	-		
4% Program Administration:					2,778,480					
TOTAL					<u>68,572,760</u>					
2% Set-aside					1,389,240.00					
10% Other State Programs, Source Protection Activities					4,946,200.00					
15% Other Authorized Activities, Source Protection					1,500,000.00					
TOTAL					<u>76,408,200</u>	<u>34,820,034</u>	<u>34,036,380</u>	<u>0</u>		
SMALL COMMUNITY DATA:										
Total Assistance to Small Communities:							50,960,184			
Percent of Assistance to Small Community:							74%			
<p>NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date</p>										
Equivalency Projects ²					68,856,414					
<p>¹ - \$5,937,866 of the \$9,000,000 total project cost is being applied under the BIL General Supplemental Grant Application</p>										
<p>² - Must be greater than or equal to \$65,794,280. Federal Amount for Equivalency</p>										
<p>PENNVEST may supplement General Supplemental Principal Forgiveness from the Base Grant Fund</p>										

This application shows that PENNVEST was \$10,213,730 short in meeting its PF Requirement. However, it should be noted the 2022 CAP Grant was awarded later in the year and one funding quarter of eligible PF projects were missed. This amount will be made up in 2023.

BIL GENERAL SUPPLEMENTAL CHART 2: FY 2023 DWSRF ASAP INCREASES								
3/21/2023								
						(TT from below)		
		DWSRF	DWSRF	ADMIN - 4%	ADMIN - 4%	DEP - 27%	DEP - 27%	
YEAR/FED. QTR	PAYMENT DATE	AMOUNT	CUM. AMOUNT	SET-ASIDE	SET-ASIDE	SET-ASIDE	SET-ASIDE	CUMULATIVE
				AMOUNT	CUM.AMOUNT	AMOUNT	CUM.AMOUNT	TOTAL
2022/1	10/1/2022	0	0	0	0	0	0	0
2022/2	1/1/2023	0	0	0	0	0	0	0
2022/3	4/1/2023	0	0	0	0	0	0	0
2022/4	7/1/2023	58,848,080	58,848,080	2,778,480	2,778,480	7,835,440	7,835,440	69,462,000
2023/1	10/1/2023	0	58,848,080	0	2,778,480	0	7,835,440	69,462,000
2023/2	1/1/2024	0	58,848,080	0	2,778,480	0	7,835,440	69,462,000
2023/3	4/1/2024	0	58,848,080	0	2,778,480	0	7,835,440	69,462,000
2023/4	7/1/2024	0	58,848,080	0	2,778,480	0	7,835,440	69,462,000
2024/1	10/1/2024	0	58,848,080	0	2,778,480	0	7,835,440	69,462,000
2024/2	1/1/2025	0	58,848,080	0	2,778,480	0	7,835,440	69,462,000
2024/3	4/1/2025	0	58,848,080	0	2,778,480	0	7,835,440	69,462,000
2024/4	7/1/2025	0	58,848,080	0	2,778,480	0	7,835,440	69,462,000
DEP SET-ASIDES (summarized above)								
.....2023 GRANT.....						TOTAL		
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2023 - DEP		
2022/1	10/01/22	0	0	0	0	0		
2022/2	01/01/23	0	0	0	0	0		
2022/3	04/01/23	0	0	0	0	0		
2022/4	07/01/23	1,389,240	4,946,200	1,500,000	0	7,835,440		
2023/1	10/01/23	0	0	0	0	0		
2023/2	01/01/24	0	0	0	0	0		
2023/3	04/01/24	0	0	0	0	0		
2023/4	07/01/24	0	0	0	0	0		
2024/1	10/01/24	0	0	0	0	0		
2024/2	01/01/25	0	0	0	0	0		
2024/3	04/01/25	0	0	0	0	0		
2024/4	07/01/25	0	0	0	0	0		

BIL GENERAL SUPPLEMENTAL CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2023

3/21/2023										
LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	FYE 09/30/2023		FYE 09/30/2024				
				QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4	
				(Apr, May, Jun)	(Jul, Aug, Sept)	(Oct, Nov, Dec)	(Jan, Feb, Mar)	(Apr, May, Jun)	(Jul, Aug, Sept)	
80202	Northern Cambria Municipal Authority		11,739,155		11,739,155					
80204	Linesville Borough - Water System Improvements		6,037,729		6,037,729					
80205	Sharpsville Borough 2022-2023 Water		9,800,000		9,800,000					
80220	East Cocalico Township Authority - ProFi Drinking Water System1		5,937,866		5,937,866					
80221	Bear Valley Franklin County Pennsylvania Joint Authority		8,500,000		8,500,000					
80219	Northampton Borough Municipal Authority		5,407,500		5,407,500					
80224	Clintonville Borough Sewer and Water Authority - New Water Tank		3,159,300		3,159,300					
80228	Cowanshannock Township Municipal Authority - Yatesboro Water Treatment Plant Improvements		2,724,000		2,724,000					
80212	Hazleton City Authority		2,275,000		2,275,000					
pending	Future Projects to be identified by PENNVEST and DEP in 2023		10,213,730		10,213,730					
PROJECT TOTAL			65,794,280		65,794,280					
CUM PROJECT TOTAL					65,794,280					
FY PROJECT TOTALS					65,794,280					
SET-ASIDE DISBURSEMENTS:										
		MAXIMUM:	REQUEST:							
	Unbanked Funds									
	ADMIN 4%	2,778,480	2,778,480		2,778,480					
	TECH. 2%	1,389,240	1,389,240		1,389,240					
	1452(G)(2) - 10%	4,946,200	4,946,200		4,946,200					
	1452(K) - 15%	1,500,000	1,500,000		1,500,000					
	SET-ASIDE TOTAL	10,613,920	10,613,920		10,613,920					
	CUM SET-ASIDE TOTAL				10,613,920					
	FY SET-ASIDE TOTALS				10,613,920					
	COMBINED TOTAL		76,408,201		76,408,200					
	CUM COMBINED TOTAL		76,408,201		76,408,200					
	FY COMBINED TOTAL				76,408,200					
			TOTAL PROJ		65,794,280					
			FED PROJ DISB		58,848,080					
			STATE MATCH		6,946,200					

BIL EMERGING CONTAMINANTS CHART 1: PROJECTED BINDING COMMITMENTS - FY 2023									
3/21/2023									
Single Audit Required	Equivalency Project	Loan #	Project Name	Total Assistance Amount	Principal Forgiveness	Green	Small System	PPL Rank (DEP)	Disadvantage EJ Area
yes	Equivalency Project	80218	Perkasie Regional Authority	3,680,000	3,680,000	0	No		No
yes	Equivalency Project	pending	PENNVEST and DEP are working to identify additional Emerging Contaminant Projects ¹	20,012,700	20,012,700	0	pending		pending
Project Total:				23,692,700	23,692,700				
				Required	23,692,700.00				
4% Program Administration:				1,008,200					
				24,700,900					
No	No		2% Set-aside	504,100.00					
No	No		10% Other State Programs, Source Protection Activities	0.00					
No	No		15%, Other Authorized Activities, Source Protection	0.00					
TOTAL				25,205,000	23,692,700.00	0.00			
SMALL COMMUNITY DATA:					Current DW IUP				
Total Assistance to Small Communities:					20,012,700				
Percent of Assistance to Small Community:					84%				
<i>NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date</i>									
Equivalency Projects ²				23,692,700					
¹ - PENNVEST and DEP are actively working with several systems to achieve compliance with new PFAS and PFOA state limits									
² - Must be greater or equal to \$23,692,700. Federal Amount for Equivalency									
<i>PENNVEST may supplement Emerging Contaminants Principal Forgiveness by transfer from Clean Water program or utilize BIL General Supplemental funds to cover the difference</i>									

BIL EMERGING CONTAMINANTS CHART 2: FY 2023 DWSRF ASAP INCREASES

3/21/2023

YEAR/FED. QTR	PAYMENT DATE	DWSRF AMOUNT	DWSRF CUM. AMOUNT	ADMIN - 4% SET-ASIDE AMOUNT	ADMIN - 4% CUM.AMOUNT	(TT from below)		CUMULATIVE TOTAL
						DEP - 27% SET-ASIDE AMOUNT	DEP - 27% SET-ASIDE CUM.AMOUNT	
2022/1	10/1/2021	0	0	0	0	0	0	0
2022/2	1/1/2022	0	0	0	0	0	0	0
2022/3	4/1/2022	0	0	0	0	0	0	0
2022/4	7/1/2022	23,692,700	23,692,700	1,008,200	1,008,200	504,100	504,100	25,205,000
2023/1	10/1/2022	0	23,692,700	0	1,008,200	0	504,100	25,205,000
2023/2	1/1/2023	0	23,692,700	0	1,008,200	0	504,100	25,205,000
2023/3	4/1/2023	0	23,692,700	0	1,008,200	0	504,100	25,205,000
2023/4	7/1/2023	0	23,692,700	0	1,008,200	0	504,100	25,205,000
2024/1	10/1/2023	0	23,692,700	0	1,008,200	0	504,100	25,205,000
2024/2	1/1/2024	0	23,692,700	0	1,008,200	0	504,100	25,205,000
2024/3	4/1/2024	0	23,692,700	0	1,008,200	0	504,100	25,205,000
2024/4	7/1/2024	0	23,692,700	0	1,008,200	0	504,100	25,205,000

DEP SET-ASIDES (summarized above)

.....2023 GRANT.....

TOTAL

YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2023 - DEP
2022/1	10/01/21	0	0	0	0	0
2022/2	01/01/22	0	0	0	0	0
2022/3	04/01/22	0	0	0	0	0
2022/4	07/01/22	504,100	0	0	0	504,100
2023/1	10/01/22	0	0	0	0	0
2023/2	01/01/23	0	0	0	0	0
2023/3	04/01/23	0	0	0	0	0
2023/4	07/01/23	0	0	0	0	0
2024/1	10/01/23	0	0	0	0	0
2024/2	01/01/24	0	0	0	0	0
2024/3	04/01/24	0	0	0	0	0
2024/4	07/01/24	0	0	0	0	0

BIL EMERGING CONTAMINANTS CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2023									
3/21/2023									
LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	FYE 09/30/2023		FYE 09/30/2024			
				QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4
				(Apr, May, Jun)	(Jul, Aug, Sept)	(Oct, Nov, Dec)	(Jan, Feb, Mar)	(Apr, May, Jun)	(Jul, Aug, Sept)
80218	Perkasie Regional Authority		3,680,000		3,680,000				
pending	PENNVEST and DEP are working to identify additional Emerging Contaminant Projects1		20,012,700		20,012,700				
	Pittsburgh Water and Sewer Authority - Water Security Upgrades1		2,022,060			2,022,060			
	PROJECT TOTAL		25,714,760		23,692,700	2,022,060			
	CUM PROJECT TOTAL				23,692,700	2,022,060			
	FY PROJECT TOTALS				23,692,700				2,022,060
SET-ASIDE DISBURSEMENTS:									
		MAXIMUM:	REQUEST:						
	Unbanked Funds								
	ADMIN 4%	1,008,200	1,008,200		1,008,200				
	TECH. 2%	504,100	504,100		504,100				
	1452(G)(2) - 10%								
	1452(K) - 15%								
	SET-ASIDE TOTAL	1,512,300	1,512,300		1,512,300				
	CUM SET-ASIDE TOTAL				1,512,300				
	FY SET-ASIDE TOTALS				1,512,300				
	COMBINED TOTAL		27,227,060		25,205,000	2,022,060			
	CUM COMBINED TOTAL		27,227,060		25,205,000	2,022,060	2,022,060	2,022,060	2,022,060
	FY COMBINED TOTAL				25,205,000				2,022,060
			TOTAL PROJ		23,692,700				
			FED PROJ DISB		23,692,700	2,022,060			
			STATE MATCH						

BIL LEAD SERVICE LINES CHART 1: PROJECTED BINDING COMMITMENTS - FY 2023										
3/21/2023										
Single Audit Required	Equivalency Project	Categorical Green or Business Case Green	Loan #	Project Name	Total Assistance Amount	Loan	Principal Forgiveness	Green	Small System	PPL Rank (DEP)
Yes	Equivalency		80210	Pittsburgh Water and Sewer Authority - 2022 Small Diameter Water Main Replacement (LSL)	7,836,396	\$ 1,349,427	\$ 6,486,969	No	No	
Yes	Equivalency		80214	Pittsburgh Water and Sewer Authority - 2023 PWSA Neighborhood Lead Service Line Replacement Program	13,354,750	\$ 3,707,279	\$ 9,647,471	No	No	
Yes	Equivalency		80215	Wilksburg-Penn Joint Water Authority - Lead Service Line Replacements Phase 2	9,691,212	\$ 3,370,720	\$ 6,320,492	No	No	
Yes	Equivalency		80216	West View Water Authority - Lead Service Line Replacement - Phase 2	8,000,000	\$ 2,580,019	\$ 5,419,981	No	No	
Yes	Equivalency		80217	Aqua Pennsylvania, Inc. - Lead and Galvanized Service Line Replacement West Chester	6,000,000	\$ 6,000,000	\$ -	No	Yes	
Yes	Equivalency		80225	Municipal Authority of Buffalo Township - Freeport Borough Lead Line Replacements	742,947	\$ -	\$ 742,947	No	Yes	
Yes	Equivalency		80223	Schuykill County Municipal Authority Pottsville Lead Service Line Replacement -2023	5,240,100	\$ -	\$ 5,240,100	No	Yes	
Yes	Equivalency		pend	Erie City Water Authority - Phase 3	6,000,000	\$ -	\$ 6,000,000	No	No	
Yes	Equivalency		pend	Pittsburgh Water and Sewer Authority - 2023 PWSA Neighborhood Lead Service Line Replacement Program B	14,605,000	\$ -	\$ 14,605,000	No	No	
Yes	Equivalency		pend	Lehigh County Authority - Allentown	4,939,400	\$ -	\$ 4,939,400	No	No	
Yes	Equivalency		pend	PENNVEST and DEP are working to identify projects that have completed LSL inventories	72,347,955	55,821,875	16,526,080			
Project Total:					148,757,760	72,829,320	75,928,440	0.00		
						Required	75,928,440	0.00		
4% Program Administration:					6,198,240					
					154,956,000					
No	No			2% Set-aside	0					
No	No	Categorical		10% Other State Programs, Source Protection Activities	0					
No	No	Categorical		15%, Other Authorized Activities, Source Protection	0					
TOTAL					154,956,000	72,829,320	75,928,440	0.00		
SMALL COMMUNITY DATA:							Current DW IUP			
Total Assistance to Small Communities:							21,674,259			
Percent of Assistance to Small Community:							15%			
<i>NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date</i>										
Equivalency Projects ¹					148,757,760					
¹ - Must be greater than or equal to \$148,757,760. Federal Amount for Equivalency. PENNVEST will actively allocate new projects as Equivalency projects										
PENNVEST may supplement BIL Lead Service Line Program with Base and/or BIL General Supplemental Fund										
<i>This application shows that PENNVEST is \$72,347,955 and \$16,526,080 short in meeting its Total and PF requirement respectively. However, it should be noted the 2022 CAP Grant was awarded later in the year and one funding quarter of eligible PF projects were missed. This amount will be made up in 2023.</i>										

BIL LEAD SERVICE LINES CHART 2: FY 2023 DWSRF ASAP INCREASES								
3/21/2023								
							(TT from below)	
				ADMIN - 4%	ADMIN - 4%	DEP - 27%	DEP - 27%	
YEAR/FED. QTR	PAYMENT DATE	DWSRF AMOUNT	DWSRF CUM. AMOUNT	SET-ASIDE AMOUNT	SET-ASIDE CUM.AMOUNT	SET-ASIDE AMOUNT	SET-ASIDE CUM.AMOUNT	CUMULATIVE TOTAL
2022/1	10/1/2022	0	0	0	0	0	0	0
2022/2	1/1/2023	0	0	0	0	0	0	0
2022/3	4/1/2023	0	0	0	0	0	0	0
2022/4	7/1/2023	148,757,760	148,757,760	6,198,240	6,198,240	0	0	154,956,000
2023/1	10/1/2023	0	148,757,760	0	6,198,240	0	0	154,956,000
2023/2	1/1/2024	0	148,757,760	0	6,198,240	0	0	154,956,000
2023/3	4/1/2024	0	148,757,760	0	6,198,240	0	0	154,956,000
2023/4	7/1/2024	0	148,757,760	0	6,198,240	0	0	154,956,000
2024/1	10/1/2024	0	148,757,760	0	6,198,240	0	0	154,956,000
2024/2	1/1/2025	0	148,757,760	0	6,198,240	0	0	154,956,000
2024/3	4/1/2025	0	148,757,760	0	6,198,240	0	0	154,956,000
2024/4	7/1/2025	0	148,757,760	0	6,198,240	0	0	154,956,000
DEP SET-ASIDES (summarized above)								
.....2023 GRANT.....						TOTAL		
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2023 - DEP		
2022/1	10/01/22	0	0	0	0	0		
2022/2	01/01/23	0	0	0	0	0		
2022/3	04/01/23	0	0	0	0	0		
2022/4	07/01/23	0	0	0	0	0		
2023/1	10/01/23	0	0	0	0	0		
2023/2	01/01/24	0	0	0	0	0		
2023/3	04/01/24	0	0	0	0	0		
2023/4	07/01/24	0	0	0	0	0		
2024/1	10/01/24	0	0	0	0	0		
2024/2	01/01/25	0	0	0	0	0		
2024/3	04/01/25	0	0	0	0	0		
2024/4	07/01/25	0	0	0	0	0		

BIL LEAD SERVICE LINES CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2023									
3/21/2023									
LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	FYE 09/30/2023		FYE 09/30/2024			
				QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4
				(Apr, May, Jun)	(Jul, Aug, Sept)	(Oct, Nov, Dec)	(Jan, Feb, Mar)	(Apr, May, Jun)	(Jul, Aug, Sept)
80210	Pittsburgh Water and Sewer Authority - 2022 Small Diameter Water Main Replacement (LSL)		7,836,396		7,836,396				
80214	Pittsburgh Water and Sewer Authority - 2023 PWSA Neighborhood Lead Service Line Replacement Program		13,354,750		13,354,750				
80215	Wilkinsburg-Penn Joint Water Authority - Lead Service Line Replacements Phase 2		9,691,212		9,691,212				
80216	West View Water Authority - Lead Service Line Replacement - Phase 2		8,000,000		8,000,000				
80217	Aqua Pennsylvania, Inc. - Lead and Galvanized Service Line Replacement West Chester		6,000,000		6,000,000				
80225	Municipal Authority of Buffalo Township - Freeport Borough Lead Line Replacements		742,947		742,947				
80223	Schuylkill County Municipal Authority Pottsville Lead Service Line Replacement -2023		5,240,100		5,240,100				
pend	Erie City Water Authority - Phase 3		6,000,000		6,000,000				
pend	Pittsburgh Water and Sewer Authority - 2023 PWSA Neighborhood Lead Service Line Replacement Program B		14,605,000		14,605,000				
pend	Lehigh County Authority - Allentown		4,939,400		4,939,400				
pend	PENNVEST and DEP are working to identify projects that have completed LSL inventories		72,347,955		72,347,955				
	PROJECT TOTAL		148,757,760		148,757,760				
	CUM PROJECT TOTAL				148,757,760				
	FY PROJECT TOTALS				148,757,760				
SET-ASIDE DISBURSEMENTS:									
		MAXIMUM:	REQUEST:						
	Unbanked Funds								
	ADMIN 4%	6,198,240	6,198,240		6,198,240				
	TECH. 2%								
	1452(G)(2) - 10%								
	1452(K) - 15%								
	SET-ASIDE TOTAL	6,198,240	6,198,240		6,198,240				
	CUM SET-ASIDE TOTAL				6,198,240				
	FY SET-ASIDE TOTALS				6,198,240				
	COMBINED TOTAL		154,956,001		154,956,000				
	CUM COMBINED TOTAL		154,956,001		154,956,000				
	FY COMBINED TOTAL				154,956,000				
			TOTAL PROJ		148,757,760				
			FED PROJ DISB		148,757,760				
			STATE MATCH						
	<i>PENNVEST is actively identifying LSL projects.</i>								

CHART 5 - BENEFITS 2023

3/21/2023

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80227	Municipal Authority of the Borough of Bedford- Phase 2 Cast Iron Water Line Replacement Project	The Authority's distribution system is comprised of old cast iron piping with leaded joints and leaded gooseneck services in several sections. The Authority has concerns about the potential for lead to contaminate the water supply and cause health issues with residents. Approximately 29,940 feet of water distribution main will be installed to replace existing cast iron distribution main, along with 455 leaded gooseneck lines, 28 fire hydrants, valves, and other necessary appurtenances within the project area. The proposed water main installation will allow for the decommissioning of existing cast iron water distribution main with leaded joints and the removal of all leaded gooseneck service connections encountered during construction. Any found lead or galvanized service lines will be replaced from the main to the home or business.
80222	Cresson Twp MA Munster Water System Extension	Private wells in Munster Township produce low yields and have contamination due to failing on-lot sewage systems. The project will also address compliance issues at the Keystone Restaurant/Truck Stop, which is a regulated water supply for the area. Fire protection is also lacking in this area, which notably affected the response time to a fire at the restaurant/truck stop in 2011. A new waterline will be installed and extend into Munster Township to serve 45 residential households as well as a restaurant that is a regulated water supply. Construction will include installation of approximately 18,500 feet of 8-inch water main and several fire hydrants along the route to provide potable water and improve fire protection in the area.
80208	Pittsburgh Water and Sewer Authority - Water Security Upgrades1	The project will assist in funding the addition of approximately 80-100 security cameras, electronic access control at various sites and locations, fencing repairs/replacements, critical alarm and emergency notification systems as well as other physical hardening devices. The upgrades will occur at a total of 9 tank sites, 6 pump station sites, 4 reservoir sites, the Water Treatment Plant, the PWSA warehouse, and PWSA headquarters.
85224	Benton Municipal Water and Sewer Authority - Automatic Shutdown and Distillery Hill Water Storage Tank	The Benton Municipal Water and Sewer Authority has entered into a Consent Order and Agreement with the Pennsylvania Department of Environmental Protection to address deficiencies with its monitoring systems and automatic shutdown equipment. System controls will be updated to enable Authority personnel to alarm and shutdown the system automatically based on predetermined turbidity and residual chlorine setpoints. A second water storage tank will also be installed downstream of the existing water tank, and the entry point to a meter vault between the two tanks will be relocated. This arrangement will ensure that all water that reaches the second tank will be compliant and can be isolated from the treatment plant without depressurizing the system.

BIL General Supplemental DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
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CHART 5 - BENEFITS 2023

3/21/2023

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80202	Northern Cambria Municipal Authority	<p>The Northern Cambria Municipal Authority is under a Consent Order and Agreement with the Pennsylvania Department of Environmental Protection, to ensure reliable drinking water is continually supplied to its customers. To comply with the Agreement, the Authority must provide a redundant drinking water source, which includes proper treatment to maintain drinking water standards. To assist with the compliance of a Consent Order and Agreement, which requires the Northern Cambria Municipal Authority to supply and maintain a redundant source of drinking water, an existing mine source will be rehabilitated, and a treatment plant will be constructed to properly treat the mine source water.</p>
80204	Linesville Borough - Water System Improvements	<p>Age, location, and safety issues exist within the Borough's current infrastructure including lack of Supervisory Control and Data Acquisition (SCADA) and backup generator systems at two pump stations, absence of a storage tank mixer to prevent ice buildup and water stagnation, location of an existing storage tank and pump station in a flood zone, and a missing loop in a distribution line. Linesville Borough proposes numerous upgrades to its existing distribution system and water supply sources. At Penn Street, a new pump station will be constructed with disinfection units, distribution pumps, a Supervisory Control and Data Acquisition system, and an emergency backup generator. At the Airport site, a new tank mixer will be installed to reduce risk of stagnation, ice buildup, and formation of disinfection byproducts. The Borough Garage (Bunday Street) tank and pump station will be relocated and rebuilt in a non-flood-prone area. Additionally, a water line extension will be installed along Homestead Avenue, providing a loop in the existing distribution system.</p>
80205	Sharpsville Borough 2022-2023 Water	<p>The waterlines in the Borough's current system are 50 to 70 years old and contain breaks, resulting in frequent leakage. The leaking waterlines, in addition to a limited number of suspected lead-contaminated lines within the system, will need to be replaced prior to a resurfacing project along State Route 518. The Borough of Sharpsville proposes to replace approximately 20,000 feet of existing 50- to 70-year-old waterlines prone to routine breaks, leaks, and loss of pressure, in addition to a limited number of suspected residential lead service lines. Approximately 52 fire hydrants will also be replaced to improve fire safety and suppression capabilities.</p>

CHART 5 - BENEFITS 2023

3/21/2023

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80220	East Cocalico Township Authority - ProFi Drinking Water System1	<p>Frequent water main breaks occur in several areas of the drinking water system, which consists of 6-inch cast iron water main and is reaching the end of useful life. The three-million-gallon storage tank is over 30 years old and requires repainting to prevent deterioration of the structure, which is needed for continued critical storage for the system. The initial phase of the project consists of 3,665 feet of water main, laterals, valves, and fire hydrants will be replaced throughout the Kurtz Road service area. Phase 2 will replace 3,550 feet of water main, laterals, valves, and fire hydrants in the Wabash Road service area. Phase 3 will rehabilitate a three-million-gallon water storage tank, and a new mixing system will be installed. Phase 4 will replace of 9,160 feet of water main, laterals, valves, and fire hydrants in the Reamstown Road service area. Phase 5 will replace 5,950 feet of water main, laterals, valves, and fire hydrants within the Stevens Road service area.</p>
80221	Bear Valley Franklin County Pennsylvania Joint Authority	<p>The system's existing sources include six wells, a surface water withdrawal from Broad Run, and a finished water interconnect with the Borough of Chambersburg. The surface water source is not reliable during summer/fall due to low flows. Additionally, the interconnect with Chambersburg is not available if the Borough needs the water for its own uses. Therefore, the system's total reliable source production capacity is one million gallons-per-day (MGD). The system's 2020 average daily use was 1.22 MGD, and the peak daily use was 2.05 MGD. The system's reliable source capacity does not meet the average and peak demands. The project includes the completion of three drinking water wells in Peters Township and their interconnection with the Fort Loudoun Water Treatment Facility. The project will require approximately 15,000 feet of raw water transmission main, submersible well pumps and associated electrical components/controls, control building and emergency generator(s), metering stations, and Supervisory Control and Data Acquisition (SCADA) system additions at the Fort Loudoun Water Treatment Facility.</p>

CHART 5 - BENEFITS 2023

3/21/2023

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80219	Northampton Borough Municipal Authority	<p>The existing, prestressed concrete 2-million-gallon Cementon Tank No. 1, built in the 1970s, is aging and in need of rehabilitation. A new 3-million-gallon concrete storage tank, Cementon Tank No. 2, will be constructed at the same site to ensure adequate supply and fire protection needs are met by the system. The tanks are to be used for distribution storage and not for contact time. Northampton Borough Municipal Authority proposes an improvement project for 2 distribution storage tanks in Whitehall Township, Lehigh County. The aging exterior and interior of the existing, prestressed concrete 2-million-gallon water storage tank will be rehabilitated and repaired. And, a new 3-million-gallon prestressed concrete storage tank will be constructed for distribution storage, to enable the Authority to continue to meet current and future system demands for domestic, commercial, and fire flow needs. Improvements to the existing tank include preparation/cleaning and painting/coating of both the interior and exterior, mixer installation, vent replacement, and other ancillary repairs deemed necessary based on current observations and future tank inspection. Approximately 200-250 feet of 16-inch/20-inch diameter piping will also be installed to enhance the Authority's ability to operate and maintain the system and increase the reliability of service.</p>
80224	Clintonville Borough Sewer and Water Authority - New Water Tank	<p>Clintonville Borough Sewer and Water Authority, Venango County, owns and operates a 100,000-gallon potable water standpipe. Originally constructed in the 1970s, the standpipe consists of welded steel, is covered in a protective coating, and has reached the end of useful life. An inspection conducted in October 2019 revealed severe corrosion inside and outside the tank, sediment deposits within the tank, holes in the exterior allowing potential intrusion by animals and vermin, and high-priority structural integrity concerns. During the project, a new elevated water tank with an identical 100,000-gallon capacity will be constructed at the existing tank site. A 70-foot pedestal will allow complete volume utilization without loss of pressure in the transmission and distribution system. The tank will be glass-lined and mixed with compressed air to minimize future maintenance costs. An access road will be constructed with a concrete approach apron. Security fencing will be added to the property to prevent vandalism.</p>
80228	Cowanshannock Township Municipal Authority - Yatesboro Water Treatment Plant Improvements	<p>In 2019, the Cowanshannock Township Municipal Authority was the subject of a Notice of Violation issued by the Pennsylvania Department of Environmental Protection surrounding discharge of treated industrial wastewater at the Yatesboro Water Treatment Plant. To satisfy terms of a 2021 Consent Order and Agreement, the Authority intends to connect its existing water treatment plant to a nearby municipal sewer system for proper handling of this discharge. The existing water treatment plant will be connected to the Shannock Valley General Services Authority's public sewer system for proper disposal of industrial wastewater. The Authority will drain existing lagoons, remove sludge, eliminate outfall, and terminate its National Pollutant Discharge Elimination System permit.</p>

CHART 5 - BENEFITS 2023

3/21/2023

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80212	Hazleton City Authority 2022 Oneida Junction Booster Station Project	<p>The proposed booster pump station will be a package modular steel unit fabricated by Peerless (Grundfos or equal) comprised of: an insulated building with four (4) 100 HP, horizontal split case type NSF 61 pumps, three (3) duty and one (1) standby, with Variable Frequency Drives (VFDs) and automatic control system with SCADA system integration. Pump capacity is specified at 1,500 gpm at 173 feet TDH. Additional equipment to be provided in the booster station includes, a magnetic flow meter, valves, lighting, ventilation, and wall mounted HVAC units. The pumping station will comply with requirements specified in the PWS Manual Part II. An emergency standby generator is proposed for providing electrical power in the event of the loss of utility power to the station. A bypass line for the booster station is also proposed. This bypass will include a normally closed gate valve. In case of a catastrophic or other failure of the booster station, this gate valve can be opened to bypass the booster station to maintain positive system pressure until such time that the booster station (or alternate means) is placed back online. The installation of approximately 100 feet of 16-20-inch DI pipe is proposed for the suction and discharge lines to connect the proposed station to HCA's existing distribution system. This project will allow HCA to continue to operate and maintain system facilities and to continue to meet regulatory requirements. The improvements will enhance HCA's ability to operate and maintain their existing PWS facilities.</p>

BIL Emerging Contaminants DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80218	Perkasie Regional Authority	<p>A number of private wells in East and West Rockhill Townships were found to have per- and polyfluoroalkyl substances (PFAS) contamination in the groundwater due to the use of firefighting foam, which originated at the Willow Grove Naval Base to extinguish a tire fire in 1988. The contamination levels in 12 wells were determined to be above the U.S. Environmental Protection Agency's Health Advisory Level of 70 parts-per-trillion. Forty-one other wells in the area have perfluorooctanesulfonate/perfluorooctanesulfonic acid levels below 70 parts-per-trillion, but these wells' levels are above the maximum contaminant level allowed by the Pennsylvania Department of Environmental Protection. Over time, additional wells are becoming contaminated in the service area. Perkasie Regional Authority is proposing to extend public drinking water service to the area affected by this per- and polyfluoroalkyl substances (PFAS) groundwater contamination, to provide residents a source of safe drinking water. Approximately 6,450 feet of 8-inch water main will be installed along Old Bethlehem Pike and adjacent main roads. There will also be 10 fire hydrants installed. Upon completion of the project, 53 existing dwellings will be able to connect to public water.</p>
pending	PENNVEST and DEP	<p>In January 2023, the Pennsylvania Department of Environmental Protection adopted MCLs for PFAS and PFOA. PENNVEST and DEP through various outreach efforts are working with systems to help develop PFAS/ PFOA and other qualifying EC projects. DEP has already identified over \$42 million in eligible projects that are working through the design and permitting process.</p>

BIL Lead Service Lines DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
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CHART 5 - BENEFITS 2023

3/21/2023

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80210	Pittsburgh Water and Sewer Authority - 2022 Small Diameter Water Main Replacement (LSL)	Service lines will be replaced for approximately 752 customers, including an estimated 382 public lead service lines and 477 private lead service lines. Some customers will require both public and private side replacement while others will only receive either public or private replacement based upon where the lead is located.
80214	Pittsburgh Water and Sewer Authority - 2023 PWSA Neighborhood Lead Service Line Replacement Program	Pittsburgh Water and Sewer Authority (PWSA) will replace approximately 988 lead service lines as prioritized by their selection model, which considers neighborhoods with children under six years of age and/or women of child-bearing age, income level, locations known to contain lead service lines, as well as lead-/blood-level data available from the Allegheny County Health Department.
80215	Wilkesburg-Penn Joint Water Authority - Lead Service Line Replacements Phase 2	Phase 2 includes replacing 1,000 of these service lines. This includes the installation of approximately 5,000 linear feet of new 1-inch copper water service lines, 1,000 curb boxes, and associated surface restoration.
80216	West View Water Authority - Lead Service Line Replacement - Phase 2	This project is the second phase of West View Water Authority's ongoing lead service line replacement plan. The plan for this project is to provide full replacement of approximately 750 lead service lines which will include the installation of approximately 28,000 linear feet of 1" copper pipe, 400 corporation stops, 500 expansion tanks, 700 curb boxes and valves, and 700 water meters and associated appurtenances.
80217	Aqua Pennsylvania, Inc. - Lead and Galvanized Service Line Replacement West Chester	Aqua proposes to replace 450 lead and galvanized service lines identified in the Aqua West Chester service area. Replacement of the lines will continue Aqua's compliance with the Lead and Copper Rule.
80225	Municipal Authority of Buffalo Township - Freeport Borough Lead Line Replacements	125 each 3/4" Service replacements, four 1" service replacements, two 1" service to existing dwelling and four 2" service replacements; two 2" service to existing dwellings; 360 s.y. of Borough ditchline paving; 250 s.y. of PennDOT ditchline paving, 80 s.y. of sidewalk replacement 1,500 l.f. of work along the state highway and 670 s.y. of concrete curb replacement.
80223	Schuylkill County Municipal Authority Pottsville Lead Service Line Replacement -2023	The Schuylkill County Municipal Authority (SCMA) proposes a lead service line replacement project in the City of Pottsville, Schuylkill County. SCMA proposes the replacement of approximately 360 public and private lead and/or galvanized service lines along West Railroad Street and North Centre Street; Fairview Street; West Race Street; and Pierce Street in the City of Pottsville, Schuylkill County. The project will include all necessary appurtenances related to the service line replacements (i.e. valves, water mains, test pits, manways, etc.), engineering design, bid, and construction phase services; construction costs related to excavation of the service lines for material confirmation, replacements, restoration, and Risk Mitigation Management procedures. The existing system facilities identified as part of this project are older and comprised primarily of lead and/or galvanized. Removal and replacement of the service lines is desired and considered necessary to ensure continued compliance with the Department's Lead and Copper Rule, Title 25 Chapter 109, Subchapter K.
pend	Erie City Water Authority - Phase 3	Building on the success and momentum of recently completed lead service line projects, EWW proposes to replace approximately 850 lead services lines by permanently removing lead goosenecks and galvanized / wrought iron service lines from the system.
pend	Pittsburgh Water and Sewer Authority - 2023 PWSA Neighborhood Lead Service Line Replacement Program B	Our 2023A Neighborhood LSLR project selected Priority 5 Neighborhoods, starting with the neighborhoods with the lowest income. For this project, neighborhoods within an Environmental Justice Area (as defined by the Pennsylvania Department of Environmental Protection) are further prioritized, and Level 4 neighborhoods were selected, ranking them by income. Based on this prioritization model run, PWSA estimates that the project will work at around 1,200 homes and replace 680 public and 570 private lead service lines.

CHART 5 - BENEFITS 2023

3/21/2023

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
pend	Lehigh County Authority - Allentown	<p>The LCA-Allentown Lead Service Line Replacements (LSLR) 2023 Project includes replacement of approximately 149 residential ¾-inch and 1 commercial public and private lead and/or galvanized service lines in an area of the Allentown Division system identified as disadvantaged and underserved. The residential service lines will be replaced with 1-inch service lines per system standards. The service line replacements are located along North Penn Street, West Washington Street, West Cedar Street, Park Street and North 9th Street in northern end of the City of Allentown, Lehigh County. The existing water mains in these areas were installed in the late 1800s and early 1900s and include lead and/or galvanized steel service line materials. The project will include additional service line material investigations; installation of new service lines and appurtenances (i.e. corporation stops, service lines, test pits, and curb stops and boxes); and Risk Mitigation Management measures to minimize potential for water quality impacts due to construction.</p>
		<p>PENNVEST and DEP through various outreach efforts are working with several communities to define their LSL needs. In 2023, PENNVEST and DEP expects to identify approximately \$72 million in shovel ready LSL projects.</p>

DWSRF INTENDED USE PLAN - Sources and Uses 2023 - ALL FUNDS								
3/21/2023								
LOAN #	PROJECT NAME	ASSISTANCE AMOUNT	APPROVAL DATE	LOAN TO BE REPAYED	PRINC FORGIVENESS	STATUS	SETTLEMENT DATE	NOTES
SOURCES:								
	AWARDED SDW FUNDS (awarded through 2022)	754,191,793.00						
	STATE MATCH (through 2022 grant)	15,672,128.00						
	STATE CONTRIBUTION IN EXCESS OF MATCH	191,719.00						
	ARRA DWSRF GRANT (awarded)	44,006,270.00						
	BIL TOTAL (Appropriation FFY 2023-2024)	249,623,000.00						
	GENERAL SUPPLEMENTAL	69,462,000.00						
	LEAD SERVICE LINE REPLACEMENT	154,956,000.00						
	EMERGING CONTAMINANTS	25,205,000.00						
	BIL STATE MATCH REQUIREMENT	6,946,200.00						
	BIL EMERGING CONTAMINANTS TRANSFER FROM CW TO DW	0.00						
	** 2023 CAP GRANT - APPLICATION	16,606,000.00						
	** 2023 CAP GRANT STATE MATCH- APPLICATION	3,321,200.00						
	TOTAL TRANSFERRED TO DWSRF FROM CWSRF	77,419,786.00						
	WIFTA TRANSFERRED TO DWSRF FROM CWSRF	90,685,658.00						
	LEVERAGED FUNDS:							
	IN EXCESS OF CAPITALIZATION GRANTS	0.00						
	IN EXCESS OF STATE MATCH	0.00						
	TOTAL PRINC/INTEREST/INV INCOME(thru 03/31/2023)	\$756,143,660.62						
SOURCE TOTAL:		2,014,807,414.62						
USES:								
	Reserve to transfer to CWSRF or later reallocate	440,000.00						
	TRANSFER DWSRF TO CWSRF	20,000,000.00						
	2023 ADMINISTRATION (4%)	664,240.00						
	2023 TECHNICAL ASSISTANCE (2%)	0.00						
	2023 1452(G)(2) - (10%)	0.00						
	2023 1452(K) - (15%)	2,490,900.00						
	ADMINISTRATION (4%) (awarded through 2022)	29,099,676.00						
	TECHNICAL ASSISTANCE (2%) (awarded through 2022)	12,234,048.35						
	1452(G)(2) - (10%) (awarded through 2022)	58,411,645.63						
	1452(K) - (15%) (awarded through 2022)	77,169,466.49						
	BIL 4% SET-ASIDE (FY 2023)	9,984,920.00						
	BIL 2% SET-ASIDE (FY 2023)	4,992,460.00						
	BIL 10% SET-ASIDE (FY 2023)	24,962,300.00						
	BIL 15% SET-ASIDE (FY 2023)	29,695,650.00						
	BIL 4% SET-ASIDE (through FY 2022)	6,638,520.00						
	BIL 2% SET-ASIDE (through FY 2022)	3,319,260.00						
	BIL 10% SET-ASIDE (through FY 2022)	1,000,000.00						
	BIL 15% SET-ASIDE (through FY 2022)	0.00						
NOTE:	2005 1452(K) - (15%) - APPLICATION - transferred to Prog Fc	0.00	3,942,150.00					2% and 10% bank for 2005
	2006 1452(K) - (15%) - APPLICATION - transferred to Prog Fc	0.00	4,157,775.00					2% and 10% bank for 2006
	2007 1452(K) - (15%) - APPLICATION - transferred to Prog Fc	0.00	4,157,850.00					2% and 10% bank for 2007
	2004 Set-aside funds transferred to Program Fund	-7,439,771.90						
80210	Pittsburgh Water & Sewer Authority - 2022 Small Diameter Water Main Replacement (LSL)	\$ 7,836,396.00	19-Oct-22	\$ 1,349,427.00	\$ 6,486,969.00	Loan Closing	6/29/2023	BIL LSL
80214	Pittsburgh Water and Sewer Authority - 2023 PWSA Neighborhood Lead Service Line Replacement Program	\$ 13,354,750.00	12-Jan-23	\$ 3,707,279.00	\$ 9,647,471.00	Loan Closing	7/6/2023	BIL LSL
80215	Wilkinsburg-Penn Joint Water Authority - Lead Service Line Replacements Phase 2	\$ 9,691,212.00	12-Jan-23	\$ 3,370,720.00	\$ 6,320,492.00	Loan Closing	8/16/2023	BIL LSL
80216	West View Water Authority - Lead Service Line Replacement - Phase 2	\$ 8,000,000.00	12-Jan-23	\$ 2,580,019.00	\$ 5,419,981.00	Loan Closing	7/18/2023	BIL LSL
80217	Aqua Pennsylvania, Inc. - Lead and Galvanized Service Line Replacement West Chester	\$ 6,000,000.00	12-Jan-23	\$ 6,000,000.00	\$ -	Loan Closing	1/12/2024	BIL LSL
80225	Municipal Authority of Buffalo Township - Freeport Borough Lead Line Replacements	\$ 742,947.00	19-Apr-23	\$ -	\$ 742,947.00	Loan Closing	4/19/2024	BIL LSL
80223	Schuykill County Municipal Authority Pottsville Lead Service Line Replacement -2023	\$ 5,240,100.00	19-Apr-23	\$ -	\$ 5,240,100.00	Loan Closing	4/19/2024	BIL LSL
pending	Erie City Water Authority - Lead Service Line Replacement - Phase 3	\$ 6,000,000.00	19-Jul-23	\$ -	\$ 6,000,000.00	Under Review	7/1/2024	BIL LSL

DWSRF INTENDED USE PLAN - Sources and Uses 2023 - ALL FUNDS										
3/21/2023										
pending	Pittsburgh Water and Sewer Authority -2023 Neighborhood Lead Service Line Replacement Program B	\$ 14,605,000.00	19-Jul-23	\$ -	\$ 14,605,000.00	Under Review	7/1/2024	BIL LSL		
pending	Lehigh County Authority - Allentown	\$ 4,939,400.00	19-Jul-23	\$ -	\$ 4,939,400.00	Under Review	7/1/2024	BIL LSL		
pending	PENNVEST and DEP are actively identifying \$72.3 million of LSL projects. Many projects are finalizing the inventory phase to fully develop LSL projects.	\$ 72,347,955.00		\$ 55,821,875.00	\$ 16,526,080.00					
80218	Perkasie Regional Authority	\$ 3,680,000.00	12-Jan-23	\$ -	\$ 3,680,000.00	Loan Closing	5/3/2023	BIL EC		
pending	PENNVEST and DEP are actively identifying \$20 million of Emerging Contaminants projects. Many projects are awaiting EPA's final PFAS limits .	\$ 20,012,700.00			\$ 20,012,700.00		4/19/2024	BIL EC		
80209	Pittsburgh Water & Sewer Authority - Water Main Replace Non-Lead	\$ 75,529,516.00	19-Oct-22	\$ 75,529,516.00	\$ -	Loan Closing	6/29/2023	BASE		
80208	Pittsburgh Water & Sewer Authority - Security Upgrades	\$ 9,978,156.00	19-Oct-22	\$ 9,978,156.00	\$ -	Loan Closing	9/21/2023	BASE		Listed on 2023 Application
80207	Cranberry-Venango County General Auth	\$ 2,636,675.00	19-Oct-22	\$ 2,636,675.00	\$ -	Loan Closing	6/14/2023	BASE		
85224	Benton Municipal Water and Sewer Authority - Automatic Shutdown and Distillery Hill Water Storage Tank	\$ 1,616,619.00	12-Jan-23	\$ 1,616,619.00	\$ -	Disbursement	5/10/2023	BASE		
85225	The Bedford Township Municipal Authority - Areas V & VI Water Project	\$ 5,186,000.00	12-Jan-23	\$ 5,186,000.00	\$ -	Loan Closing	1/12/2024	BASE		
80227	Municipal Authority of the Borough of Bedford- Phase 2 Cast Iron Water Line Replacement Project	\$ 10,600,000.00	19-Apr-23	\$ 6,325,000.00	\$ 4,275,000.00	Loan Closing	4/19/2024	BASE		
80222	Cresson Twp MA Munster Water System Extension	\$ 1,850,000.00	19-Apr-23	\$ 525,024.00	\$ 1,324,976.00	Loan Closing	4/19/2024	BASE		
80229	Schuylkill County Municipal Authority Pottsville Water Main Replacement 2023	\$ 3,441,200.00	19-Apr-23	\$ 3,441,200.00	\$ -	Loan Closing	4/19/2024	BASE		
80226	City of Philadelphia 2024 Linear Assets - Water (companion to sewer project)	\$ 31,125,965.00	19-Apr-23	\$ 31,125,965.00	\$ -	Loan Closing	4/19/2024	BASE		
80202	Northern Cambria Municipal Authority	\$ 13,952,927.00	20-Jul-22	\$ 3,342,231.00	\$ 10,610,696.00	Disbursement	2/9/2023	BIL GS		
80204	Linesville MA - 2020 Water System Imp	\$ 6,037,729.00	19-Oct-22	\$ 2,792,754.00	\$ 3,244,975.00	Loan Closing	4/11/2023	BIL GS		
80205	Sharpville Borough 2022-2023 Water	\$ 9,800,000.00	19-Oct-22	\$ 3,805,859.00	\$ 5,994,141.00	Disbursement	3/23/2023	BIL GS		
80212	Hazleton City Authority	\$ 2,275,000.00	19-Oct-22	\$ 2,275,000.00	\$ -	Loan Closing	6/13/2023	BIL GS		
80220	East Cocalico Township Authority - ProFi Drinking Water System	\$ 9,000,000.00	12-Jan-23	\$ 9,000,000.00	\$ -	Loan Closing	1/12/2024	BIL GS		
80221	Bear Valley Franklin County Pennsylvania Joint Authority	\$ 8,500,000.00	12-Jan-23	\$ 8,500,000.00	\$ -	Loan Closing	1/12/2024	BIL GS		
80219	Northampton Borough Municipal Authority	\$ 5,407,500.00	12-Jan-23	\$ 5,407,500.00	\$ -	Disbursement	4/25/2023	BIL GS		
80224	Clintonville Borough Sewer and Water Authority - New Water Tank	\$ 3,159,300.00	19-Apr-23	\$ 474,023.00	\$ 2,685,277.00	Loan Closing	4/19/2024	BIL GS		
80228	Cowanshannock Township Municipal Authority - Yatesboro Water Treatment Plant Improvements	\$ 2,724,000.00	19-Apr-23	\$ 1,436,439.00	\$ 1,287,561.00	Loan Closing	4/19/2024	BIL GS		
pending	PENNVEST and DEP are actively identifying approximately \$10.2 million of projects that qualify for General Supplemental PF.	\$ 10,213,730.00			\$ 10,213,730.00		4/19/2024	BIL GS		
TOTALS		2,720,469,043.90		2,031,841,711.84	254,554,333.50					
Small Project Initiative (SPI)										
-7,500,000.00 DW Allocation										
NET REVENUE:		-713,161,629.28	to fund future projects							

DWSRF INTENDED USE PLAN - Sources and Uses 2023 - ALL FUNDS				
	3/21/2023			
LOAN #	PROJECT NAME	ASSISTANCE AMOUNT	EST. BINDING COMMITMENT	NOTES
SOURCES:				
	AWARDED SDW FUNDS (awarded through 2022)	754,191,793.00		
	STATE MATCH (through 2022 grant)	15,672,128.00		
	STATE CONTRIBUTION IN EXCESS OF MATCH	191,719.00		
	ARRA DWSRF GRANT (awarded)	44,006,270.00		
	BIL TOTAL (Appropriation FFY 2023-2024)	249,623,000.00		
	GENERAL SUPPLEMENTAL	69,462,000.00		
	LEAD SERVICE LINE REPLACEMENT	154,956,000.00		
	EMERGING CONTAMINANTS	25,205,000.00		
	BIL STATE MATCH REQUIREMENT	6,946,200.00		
	BIL EMERGING CONTAMINANTS TRANSFER FROM CW TO DW	0.00		
	2023 CAP GRANT - APPLICATION	16,606,000.00		
	2023 CAP GRANT STATE MATCH- APPLICATION	3,321,200.00		
	TOTAL TRANSFERRED TO DWSRF FROM CWSRF	77,419,786.00		
	WIFTA TRANSFER TO DWSRF FROM CWSRF	90,685,658.00		
	LEVERAGED FUNDS:	0.00		
	IN EXCESS OF CAPITALIZATION GRANTS	0.00		
	IN EXCESS OF STATE MATCH	0.00		
	TOTAL PRINC/INTEREST/INV INCOME(thru 03/31/2023)	756,143,660.62		
SOURCE TOTAL:			2,014,807,414.62	
USES:				
	Reserve to transfer to CWSRF or later reallocate	440,000.00		
	TRANSFER DWSRF TO CWSRF	20,000,000.00		
	2023 ADMINISTRATION (4%)	664,240.00		
	2023 TECHNICAL ASSISTANCE (2%)	0.00		
	2023 1452(G)(2) - (10%)	0.00		
	2023 1452(K) - (15%)	2,490,900.00		
	ADMINISTRATION (4%) (awarded through 2022)	29,099,676.00		
	TECHNICAL ASSISTANCE (2%) (awarded through 2022)	12,234,048.35		
	1452(G)(2) - (10%) (awarded through 2022)	58,411,645.63		
	1452(K) - (15%) (awarded through 2022)	77,169,466.49		
	BIL 4% SET-ASIDE (FY 2023)	9,984,920.00		
	BIL 2% SET-ASIDE (FY 2023)	4,992,460.00		
	BIL 10% SET-ASIDE (FY 2023)	24,962,300.00		
	BIL 15% SET-ASIDE (FY 2023)	29,695,650.00		
	BIL 4% SET-ASIDE (through FY 2022)	6,638,520.00		
	BIL 2% SET-ASIDE (through FY 2022)	3,319,260.00		
	BIL 10% SET-ASIDE (through FY 2022)	1,000,000.00		
	BIL 15% SET-ASIDE (through FY 2022)	0.00		
NOTE:	2005 1452(K) - (15%) - APPLICATION - transferred to Prog	0.00	3,942,150.00	2% and 10% bank for 2005
	2006 1452(K) - (15%) - APPLICATION - transferred to Prog	0.00	4,157,775.00	2% and 10% bank for 2006
	2007 1452(K) - (15%) - APPLICATION - transferred to Prog	0.00	4,157,850.00	2% and 10% bank for 2007
	2004 Set-aside funds transferred to Program Fund	-7,439,771.90		
			273,663,314.57	

DWSRF INTENDED USE PLAN - Sources and Uses 2023 - ALL FUNDS			
	3/21/2023		
	TRADITIONAL PROJECTS:		
	Projects Financed on Previously	1,470,775,192.33	
	Projects Financed on 2022 Grant Application	976,030,537.00	
	Small Project Initiative (SPI) DW Allocation	7,500,000.00	2,454,305,729.33
USES TOTAL:			2,727,969,043.90
NET BALANCE REMAINING			-713,161,629.28