

2024 DWSRF Capitalization Grant Application - Base

And

Bipartisan Infrastructure Law (BIL):

2024 DWSRF Capitalization Grant Application - General Supplemental

2024 DWSRF Emerging Contaminants Grant Application

2024 DWSRF Lead Service Lines Replacement Grant Application

3/27/2024

FUNDS CHART: 2024 GRANT APPLICATION - ALL FUNDS

3/27/2024

	TOTAL	2% DEP Set-Aside (2024)	10% DEP Set-Aside (2024)	15% DEP Set-Aside (2024)	ADMIN (2024)	PROGRAM
FEDERAL BASE GRANT FUNDS - 2024 Allocation & Reallotment	16,290,000 *	0	0	2,443,500	651,600	13,194,900
20% MATCHING STATE FUNDS	3,258,000	0	0	0	0	3,258,000
TOTAL	19,548,000	0	0	2,443,500	651,600	16,452,900
Minimum Principal Forgiveness						4,235,400
Maximum Principal Forgiveness						7,982,100
Minimum Green						0
BIL TOTAL (Appropriation FFY 2024-2025)						
GENERAL SUPPLEMENTAL	75,829,000	1,516,580	5,000,000	11,374,350	3,033,160	54,904,910
BIL STATE MATCH REQUIREMENT	15,165,800	0	0	0	0	15,165,800
TOTAL	90,994,800	1,516,580	5,000,000	11,374,350	3,033,160	70,070,710
LEAD SERVICE LINE REPLACEMENT	162,707,000	0	0	0	0	162,707,000
EMERGING CONTAMINANTS	25,364,000	507,280	0	0	0	24,856,720
TOTAL	279,065,800	2,023,860	5,000,000	11,374,350	3,033,160	257,634,430
Supplemental Principal Forgiveness Requirement						37,156,210
LSL Prinicipal Forgiveness Requirement						79,726,430
Emerging Contaminants Principal Forgiveness						24,856,720
<i>Reserving the right to transfer BIL EMERGING CONTAMINANTS TRANSFER FROM CWSRF TO DWSRF</i>						

BASE GRANT CHART 1: PROJECTED BINDING COMMITMENTS - FY 2024										
3/27/2024										
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	Water Efficiency	82242	Eldred Borough Water Authority Water System Replacements	\$3,519,618	\$0	\$3,519,618	\$ 3,519,618	yes	
yes	Equivalency Project	Water Efficiency	82247	Municipal Authority of Buffalo Township - Route 228 West Extension and Freeport Borough Non-Lead Dis	\$1,344,565	\$1,344,565	\$0	\$ 1,344,565	yes	
yes	Equivalency Project	Water Efficiency	82248	Ebensburg Municipal Authority- WaterLine Replacement Project	\$7,906,091	\$4,922,366	\$2,983,725	\$ -	yes	
yes	Equivalency Project	Water Efficiency	82249	Erie City Water Authority - Asbury Tank Pump Station and Pro-Fi ¹	\$3,682,626	\$20,000,000	\$0	\$ 9,000,000	no	
				Project Total:	\$16,452,900	\$26,266,931	\$6,503,343	\$ 13,864,183		
						MIN	4,235,400.00	\$ -		
						MAX	7,982,100.00			
				4% Program Administration:	651,600					
					17,104,500					
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	2,443,500.00					
				TOTAL	19,548,000	26,266,931	6,503,343	13,864,183		
				SMALL COMMUNITY DATA:			Current DW IUP			
				Total Assistance to Small Communities:			8,546,809			
				Percent of Assistance to Small Community:			63%			
				<i>NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date</i>						
				Equivalency Projects ²	16,452,900					
				¹ - \$3,682,626 of the \$20,000,000 project cost is being applied under the Base CAP Grant Application						
				² - Must be greater than or equal to \$16,452,900. Federal Amount for Equivalency						

BASE GRANT CHART 2: FY 2024 DWSRF ASAP INCREASES								
3/27/2024								
							(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
2023/1	10/1/2023	0	0	0	0	0	0	0
2023/2	1/1/2024	0	0	0	0	0	0	0
2023/3	4/1/2024	0	0	0	0	0	0	0
2023/4	7/1/2024	13,194,900	13,194,900	651,600	651,600	2,443,500	2,443,500	16,290,000
2024/1	10/1/2024	0	13,194,900	0	651,600	0	2,443,500	16,290,000
2024/2	1/1/2025	0	13,194,900	0	651,600	0	2,443,500	16,290,000
2024/3	4/1/2025	0	13,194,900	0	651,600	0	2,443,500	16,290,000
2024/4	7/1/2025	0	13,194,900	0	651,600	0	2,443,500	16,290,000
2025/1	10/1/2025	0	13,194,900	0	651,600	0	2,443,500	16,290,000
2025/2	1/1/2026	0	13,194,900	0	651,600	0	2,443,500	16,290,000
2025/3	4/1/2026	0	13,194,900	0	651,600	0	2,443,500	16,290,000
2025/4	7/1/2026	0	13,194,900	0	651,600	0	2,443,500	16,290,000
DEP SET-ASIDES (summarized above)								
.....2024 GRANT.....						TOTAL		
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2024 - DEP		
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	2,443,500	0	2,443,500		
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		
2025/1	10/01/25	0	0	0	0	0		
2025/2	01/01/26	0	0	0	0	0		
2025/3	04/01/26	0	0	0	0	0		
2025/4	07/01/26	0	0	0	0	0		

BASE GRANT CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2024											
3/27/2024											
LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	QTR 1	QTR 2	FYE 09/30/2024		FYE 09/30/2025			
						QTR 3 (Apr, May, Jun)	QTR 4 (Jul, Aug, Sept)	QTR 1 (Oct, Nov, Dec)	QTR 2 (Jan, Feb, Mar)	QTR 3 (Apr, May, Jun)	QTR 4 (Jul, Aug, Sept)
82242	Eldred Borough Water Authority Water System Replacements	02/27/24	3,519,618				3,519,618				
	Municipal Authority of Buffalo Township - Route 228 West										
82247	Extension and Freeport Borough Non-Lead Dis	03/05/24	1,344,565				1,344,565				
82248	Ebensburg Municipal Authority- WaterLine Replacement Project	02/14/24	7,906,091				7,906,091				
82249	Erie City Water Authority - Asbury Tank Pump Station and Pro-Fi1	05/01/24	3,682,626				3,682,626				
	PROJECT TOTAL		16,452,900				16,452,900				
	CUM PROJECT TOTAL						16,452,900				
	FY PROJECT TOTALS						16,452,900				
SET-ASIDE DISBURSEMENTS:											
		MAXIMUM:	REQUEST:								
	Unbanked Funds										
	ADMIN 4%	651,600	651,600				651,600				
	TECH. 2%										
	1452(G)(2) - 10%										
	1452(K) - 15%	2,443,500	2,443,500				2,443,500				
	SET-ASIDE TOTAL	3,095,100	3,095,100				3,095,100				
	CUM SET-ASIDE TOTAL						3,095,100				
	FY SET-ASIDE TOTALS						3,095,100				
	COMBINED TOTAL		19,548,001				19,548,000				
	CUM COMBINED TOTAL		19,548,001				19,548,000				
	FY COMBINED TOTAL						19,548,000				
			TOTAL PROJ				16,452,900				
			FED PROJ DISE				13,194,900				
			STATE MATCH				3,258,000				

BIL GENERAL SUPPLEMENTAL CHART 1: PROJECTED BINDING COMMITMENTS - FY 2024

3/27/2024

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	Water Efficiency	82241	HSWA TriTwp Water System Improvements Project	\$ 13,734,480	\$ 2,220,780	\$ 11,513,700	\$ 13,734,480	Yes	
Yes	Equivalency Project	Water Efficiency	82243	Indiana County Municipal Services Authority - Water Renovation 21 Pittsburgh Water and Sewer Authority - 2020 Small Diameter	\$ 6,820,650	\$ -	\$ 6,820,650	494,570	Yes	
Yes	Equivalency Project	Water Efficiency	82245	Water Main Replacement - Contract A ¹	\$ 17,523,216	\$ 34,159,707	\$ -	34,159,707	No	
Yes	Equivalency Project	Water Efficiency	82246	Conemaugh Twp MA -SR 0985 Waterline Replacement Project ²	\$ 11,819,679	\$ 5,989,495	\$ 5,830,184	13,645,150	Yes	
Yes	Equivalency Project	Water Efficiency	80242	Ford City Borough - Cast Iron Waterline Replacement	\$ 14,325,000	\$ 4,770,500	\$ 9,554,500	13,870,000	Yes	
Yes	Equivalency Project		80243	Bellwood Borough Authority Phase 3 CIP Waterline Replacement	\$ 5,847,745	\$ 2,410,569	\$ 3,437,176	-	Yes	
				Project Total:	70,070,770	49,551,051	37,156,210	75,903,907		
						Required	37,156,210	-		
				4% Program Administration:	3,033,160					
					73,103,930					
				2% Set-aside	1,516,580.00					
				10% Other State Programs, Source Protection Activities	5,000,000.00					
				15%, Other Authorized Activities, Source Protection	11,374,350.00					
				TOTAL	90,994,860	49,551,051	37,156,210	75,903,907		
				SMALL COMMUNITY DATA:			Current DW IUP			
				Total Assistance to Small Communities:			52,547,554			
				Percent of Assistance to Small Community:			75%			
				<i>NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date</i>						
				Equivalency Projects ³	70,070,770					
				¹ - \$24,814,606 of the \$34,159,707 total project cost is being applied under the BIL General Supplemental Grant Application						
				² - \$5,830,184 of the \$9,153,505 in Principal Forgiveness will be applied to BIL General Supplemental. The remaining \$3,323,321 in principal forgiveness will be funded through other state or federal source.						
				³ - Must be greater than or equal to \$79,945,060. Federal Amount for Equivalency						

BIL GENERAL SUPPLEMENTAL CHART 2: FY 2024 DWSRF ASAP INCREASES								
3/27/2024								
							(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
2023/1	10/1/2023	0	0	0	0	0	0	0
2023/2	1/1/2024	0	0	0	0	0	0	0
2023/3	4/1/2024	0	0	0	0	0	0	0
2023/4	7/1/2024	54,904,910	54,904,910	3,033,160	3,033,160	17,890,930	17,890,930	75,829,000
2024/1	10/1/2024	0	54,904,910	0	3,033,160	0	17,890,930	75,829,000
2024/2	1/1/2025	0	54,904,910	0	3,033,160	0	17,890,930	75,829,000
2024/3	4/1/2025	0	54,904,910	0	3,033,160	0	17,890,930	75,829,000
2024/4	7/1/2025	0	54,904,910	0	3,033,160	0	17,890,930	75,829,000
2025/1	10/1/2025	0	54,904,910	0	3,033,160	0	17,890,930	75,829,000
2025/2	1/1/2026	0	54,904,910	0	3,033,160	0	17,890,930	75,829,000
2025/3	4/1/2026	0	54,904,910	0	3,033,160	0	17,890,930	75,829,000
2025/4	7/1/2026	0	54,904,910	0	3,033,160	0	17,890,930	75,829,000
DEP SET-ASIDES (summarized above)								
.....2024 GRANT.....						TOTAL		
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2024 - DEP		
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	1,516,580	5,000,000	11,374,350	0	17,890,930		
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		
2025/1	10/01/25	0	0	0	0	0		
2025/2	01/01/26	0	0	0	0	0		
2025/3	04/01/26	0	0	0	0	0		
2025/4	07/01/26	0	0	0	0	0		

BIL GENERAL SUPPLEMENTAL CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2024

3/27/2024

LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	FYE 09/30/2025		FYE 09/30/2026				
				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)	
82241	HSWA TriTwp Water System Improvements Project	04/16/24	13,734,480		13,734,480					
82243	Indiana County Municipal Services Authority - Water Renovation 21	12/28/23	6,820,650		6,820,650					
82245	Pittsburgh Water and Sewer Authority - 2020 Small Diameter Water Main Replacement - Contract A1	05/07/24	17,523,216		17,523,216					
82246	Conemaugh Twp MA -SR 0985 Waterline Replacement Project2	04/11/24	11,819,679		11,819,679					
80242	Ford City Borough - Cast Iron Waterline Replacement	08/01/24	14,325,000		14,325,000					
80243	Bellwood Borough Authority Phase 3 CIP Waterline Replacement	06/12/24	5,847,745		5,847,745					
PROJECT TOTAL				70,070,770	70,070,770					
CUM PROJECT TOTAL					70,070,770					
FY PROJECT TOTALS					70,070,770					
SET-ASIDE DISBURSEMENTS:										
		MAXIMUM:	REQUEST:							
Unbanked Funds										
ADMIN 4%		3,033,160	3,033,160		3,033,160					
TECH. 2%		1,516,580	1,516,580		1,516,580					
1452(G)(2) - 10%		5,000,000	5,000,000		5,000,000					
1452(K) - 15%		11,374,350	11,374,350		11,374,350					
SET-ASIDE TOTAL		20,924,090	20,924,090		20,924,090					
CUM SET-ASIDE TOTAL					20,924,090					
FY SET-ASIDE TOTALS					20,924,090					
COMBINED TOTAL			90,994,861	90,994,861						
CUM COMBINED TOTAL				90,994,861	90,994,861					
FY COMBINED TOTAL					90,994,861					
				TOTAL PROJ	70,070,770					
				FED PROJ DISB	54,904,910					
				STATE MATCH	15,165,860					

BIL EMERGING CONTAMINANTS CHART 1: PROJECTED BINDING COMMITMENTS - FY 2024									
3/27/2024									
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	Pending	Aqua Pennsylvania - Edgely PFAS Removal	\$ 6,770,000	\$ 6,770,000	\$ -	No		Yes
yes	Equivalency Project	Started	Perkasie Regional Authority Well #4 Treatment	\$ 2,000,000	\$ 2,000,000	\$ -	Yes		No
yes	Equivalency Project	Started	Doylestown Township Municipal Authority Central Wells #5 and #7 PFAS Treatment	\$ 5,000,000	\$ 5,000,000	\$ -	Yes		No
yes	Equivalency Project	Started	Borough of Emmaus PFAS Drinking Water System Improvements Wells No. 1 & 2	\$ 11,086,720	\$ 11,086,720	\$ -	No		No
Project Total:				\$ 24,856,720	\$ 24,856,720				
				Required	\$ 24,856,720				
4% Program Administration:				\$ -					
				\$ 24,856,720					
				\$ 507,280					
				\$ -					
				\$ -					
TOTAL				\$ 25,364,000	\$ 24,856,720	\$ -			
SMALL COMMUNITY DATA:					Current DW IUP				
Total Assistance to Small Communities:					7,000,000				
Percent of Assistance to Small Community:					51%				
<i>NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date</i>									
Equivalency Projects ¹				24,856,720					
¹ - Must be greater or equal to \$24,856,720. Federal Amount for Equivalency									
PENNVEST may supplement Emerging Contaminants Principal Forgiveness by transfer from Clean Water program or utilize BIL General Supplemental funds to cover the difference									

BIL EMERGING CONTAMINANTS CHART 2: FY 2024 DWSRF ASAP INCREASES								
3/27/2024								
							(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
2023/1	10/1/2023	0	0	0	0	0	0	0
2023/2	1/1/2024	0	0	0	0	0	0	0
2023/3	4/1/2024	0	0	0	0	0	0	0
2023/4	7/1/2024	0	0	0	0	0	0	0
2024/1	10/1/2024	0	0	0	0	507,280	507,280	507,280
2024/2	1/1/2025	0	0	0	0	0	507,280	507,280
2024/3	4/1/2025	0	0	0	0	0	507,280	507,280
2024/4	7/1/2025	0	0	0	0	0	507,280	507,280
2025/1	10/1/2025	0	0	0	0	0	507,280	507,280
2025/2	1/1/2026	0	0	0	0	0	507,280	507,280
2025/3	4/1/2026	24,856,720	24,856,720	0	0	0	507,280	25,364,000
2025/4	7/1/2026	0	24,856,720	0	0	0	507,280	25,364,000
2026/1	10/1/2026	0	24,856,720	0	0	0	507,280	25,364,000
2026/2	1/1/2027	0	24,856,720	0	0	0	507,280	25,364,000
2026/3	4/1/2027	0	24,856,720	0	0	0	507,280	25,364,000
DEP SET-ASIDES (summarized above)								
.....2024 GRANT.....								
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	TOTAL 2024- DEP		
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	507,280	0	0	0	507,280		
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		
2025/1	10/01/25	0	0	0	0	0		
2025/2	01/01/26	0	0	0	0	0		
2025/3	04/01/26	0	0	0	0	0		
2025/4	07/01/26	0	0	0	0	0		
2026/1	10/1/2026	0	0	0	0	0		
2026/2	1/1/2027	0	0	0	0	0		
2026/3	4/1/2027	0	0	0	0	0		

BIL LEAD SERVICE LINES CHART 1: PROJECTED BINDING COMMITMENTS - FY 2024										
3/27/2024										
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		80233	Pittsburgh Water and Sewer Authority - 2022 Small Diameter Water Main Replacement (LSL) Contract A	3,160,825	\$ 686,353	\$ 2,474,472	No	No	
Yes	Equivalency		80238	Pittsburgh Water and Sewer Authority - 2024A PWSA Neighborhood LSLR	32,058,100	\$ 18,278,381	\$ 13,779,719	No	No	
Yes	Equivalency		80236	Ebensburg Municipal Authority - Lead Service Line Replacement Project	432,234	\$ 61,693	\$ 370,541	No	Yes	
Yes	Equivalency		80237	Ford City Borough - Lead Service Replacement	5,600,000	\$ 3,192,919	\$ 2,407,081	No	Yes	
Yes	Equivalency		80235	Erie City Water Authority - Lead Service Line Replacement Phase 4	18,000,000	\$ 3,908,584	\$ 14,091,416	No	No	
Yes	Equivalency		80239	Easton Suburban Water Authority South Side Lead Line Replacements	3,293,000	\$ 2,190,901	\$ 1,102,099	No	No	
Yes	Equivalency		80240	Bellwood Borough Authority Lead Service Line Replacement	491,120	\$ 280,019	\$ 211,101	No	Yes	
Yes	Equivalency		pending	Erie City Water Authority - Lead Service Line Replacement Phase 5	710,000	\$ 471,795	\$ 238,205	No	No	
Yes	Equivalency		pending	Wampum Borough - Lead Service Line Replacement	1,600,000	\$ -	\$ 1,600,000	No	Yes	
Yes	Equivalency		pending	PENNVEST and DEP are working to identify projects that have completed LSL inventories	97,361,721	53,909,925	43,451,796			
Project Total:					162,707,000	82,980,570	79,726,430	0.00		
						Required	79,726,430	0.00		
4% Program Administration:					0					
					162,707,000					
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					162,707,000	82,980,570	79,726,430	0.00		
SMALL COMMUNITY DATA:							Current DW IUP			
Total Assistance to Small Communities:							8,123,354			
Percent of Assistance to Small Community:							12%			
NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date										
					Equivalency Projects ¹	162,707,000				
¹ - Must be greater than or equal to \$162,707,000. 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										
This application shows that PENNVEST is \$53,909,925 and \$43,451,796 short in meeting its Total and PF requirement respectively.										

BIL LEAD SERVICE LINES CHART 2: FY 2024 DWSRF ASAP INCREASES								
3/27/2024								
							(TT from below)	
				ADMIN - 4%	ADMIN - 4%	DEP - 27%	DEP - 27%	
		DWSRF	DWSRF	SET-ASIDE	SET-ASIDE	SET-ASIDE	SET-ASIDE	CUMULATIVE
YEAR/FED. QTR	PAYMENT DATE	AMOUNT	CUM. AMOUNT	AMOUNT	CUM.AMOUNT	AMOUNT	CUM.AMOUNT	TOTAL
2023/1	10/1/2023	0	0	0	0	0	0	0
2023/2	1/1/2024	0	0	0	0	0	0	0
2023/3	4/1/2024	0	0	0	0	0	0	0
2023/4	7/1/2024	0	0	0	0	0	0	0
2024/1	10/1/2024	0	0	0	0	0	0	0
2024/2	1/1/2025	0	0	0	0	0	0	0
2024/3	4/1/2025	0	0	0	0	0	0	0
2024/4	7/1/2025	0	0	0	0	0	0	0
2025/1	10/1/2025	0	0	0	0	0	0	0
2025/2	1/1/2026	0	0	0	0	0	0	0
2025/3	4/1/2026	162,707,000	162,707,000	0	0	0	0	162,707,000
2025/4	7/1/2026	0	162,707,000	0	0	0	0	162,707,000
2026/1	10/1/2026	0	162,707,000	0	0	0	0	162,707,000
2026/2	1/1/2027	0	162,707,000	0	0	0	0	162,707,000
2026/3	4/1/2027	0	162,707,000	0	0	0	0	162,707,000
DEP SET-ASIDES (summarized above)								
.....2024 GRANT.....								
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	TOTAL 2024 - DEP		
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		
2025/1	10/01/25	0	0	0	0	0		
2025/2	01/01/26	0	0	0	0	0		
2025/3	04/01/26	0	0	0	0	0		
2025/4	07/01/26	0	0	0	0	0		
2025/1	10/1/2025	0	0	0	0	0		
2025/2	1/1/2026	0	0	0	0	0		
2025/3	4/1/2026	0	0	0	0	0		

BIL LEAD SERVICE LINES CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2024											
3/27/2024											
LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	FYE 09/30/2024				FYE 09/30/2025			
				QTR 1 (Oct, Nov, Dec)	QTR 2 (Jan, Feb, Mar)	QTR 3 (Apr, May, Jun)	QTR 4 (Jul, Aug, Sept)	QTR 1 (Oct, Nov, Dec)	QTR 2 (Jan, Feb, Mar)	QTR 3 (Apr, May, Jun)	QTR 4 (Jul, Aug, Sept)
80233	Pittsburgh Water and Sewer Authority - 2022 Small Diameter Water Main Replacement (LSL) Contract A	02/27/24	3,160,825								3,160,825
80238	Pittsburgh Water and Sewer Authority - 2024A PWSA Neighborhood LSLR		32,058,100								32,058,100
80236	Ebensburg Municipal Authority - Lead Service Line Replacement Project		432,234								432,234
80237	Ford City Borough - Lead Service Replacement		5,600,000								5,600,000
80235	Erie City Water Authority - Lead Service Line Replacement Phase 4		18,000,000								18,000,000
80239	Easton Suburban Water Authority South Side Lead Line Replacements		3,293,000								3,293,000
80240	Bellwood Borough Authority Lead Service Line		491,120								491,120
pending	Erie City Water Authority - Lead Service Line Replacement Phase 5		710,000								710,000
pending	Wampum Borough - Lead Service Line Replacement		1,600,000								1,600,000
pending	PENNVEST and DEP are working to identify projects that have completed LSL inventories		97,361,721								97,361,721
	PROJECT TOTAL		162,707,000								162,707,000
	CUM PROJECT TOTAL										162,707,000
	FY PROJECT TOTALS										162,707,000
SET-ASIDE DISBURSEMENTS:											
		MAXIMUM:	REQUEST:								
	Unbanked Funds										
	ADMIN 4%										
	TECH. 2%										
	1452(G)(2) - 10%										
	1452(K) - 15%										
	SET-ASIDE TOTAL										
	CUM SET-ASIDE TOTAL										
	FY SET-ASIDE TOTALS										
	COMBINED TOTAL		162,707,000								162,707,000
	CUM COMBINED TOTAL		162,707,000								162,707,000
	FY COMBINED TOTAL										162,707,000
			TOTAL PROJ								162,707,000
			FED PROJ DISB								162,707,000
	<i>PENNVEST is actively identifying LSL projects.</i>										

CHART 5 - BENEFITS 2024

3/27/2024

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
82242	Eldred Borough Water Authority Water System Replacements	Deteriorating cast iron and asbestos-cement distribution lines, which currently comprise the system, need to be removed and replaced, as they pose concern for potential contamination. Frequent breaks and leaks throughout the existing system are resulting in costly repairs and water loss. The project will incorporate replacement of approximately 9,600 feet of existing distribution waterline with polyvinyl chloride waterline. Approximately 12 fire hydrants and related appurtenances will be replaced. The Authority's system serves approximately 395 households in Eldred Borough and Eldred Township, with the primary service area consisting of median household income levels below the state median household income level. The project includes environmental justice and federally disadvantaged community areas.
82247	Municipal Authority of Buffalo Township - Route 228 West Extension and Freeport Borough Non-Lead Dis	The Municipal Authority of Buffalo Township provides drinking water service to the Borough of Freeport, Armstrong County, and Buffalo Township, Butler County. Various waterlines in Freeport Borough have reached the end of useful life and require replacement due to frequent breaks. The Authority will install new public water service in Buffalo Township throughout a residential development where contamination exists from onlot groundwater wells. In the first project area, existing drinking water distribution lines, which are severely deteriorated and have reached the end of useful service life, will be replaced along Market, Fourth, and Buffalo Streets in Freeport Borough. Approximately 4,000 feet of new polyvinyl chloride waterline of various diameters will be installed along with new gate valves and fire hydrants. In the second project area, located in Buffalo Township, new drinking water service will be provided to a residential area along State Route 228 including Sunny Lane, and Kimberly, Carol, and Crescent Hill Drives. Numerous existing, private onlot groundwater wells are contaminated with high manganese, iron, and arsenic levels, resulting in poor water quality and reduced quantity. Approximately 7,300 feet of new polyvinyl chloride waterline, 13 gate valves, 6 fire hydrants, and other appurtenances will be installed to connect 76 residential properties. The Authority serves 3,016 households within Buffalo Township, Butler County, and the Borough of Freeport, Armstrong County. A portion of the project area encompasses a federally-disadvantaged community area with median household income levels below the state median household income level.
82248	Ebensburg Municipal Authority- WaterLine Replacement Project	The Authority's distribution system is comprised of old cast iron piping with lead joints and gooseneck services in several sections of the system. The Authority has concerns over the potential for lead to contaminate the water supply and cause health issues with residents. Water loss is also approximately 35 percent from the old water lines. Approximately 23,200 feet of aged cast iron pipe that contain leaded joints will be replaced with polyvinyl chloride pipe. Fire hydrants, curb boxes, and non-lead service lines will also be replaced in the service area. This is an existing system and serves 1,937 residential customers with a population of 6,000.

CHART 5 - BENEFITS 2024

3/27/2024

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
82249	Erie City Water Authority - Asbury Tank Pump Station and Pro-Fi1	<p>potable water to multiple pressure districts and downstream pump stations in Millcreek Township, McKean Township, Fairview Township, and the City of Erie. Current equipment is undersized, outdated, and has reached the end of useful life. The Asbury Tank Pump Station, as the lead phase, will undergo major upgrades to increase system reliability and ensure a sufficient supply of potable water. Subsequent project phases will include various water main replacements in the Authority's service area. Erie City Water Authority intends to complete numerous system upgrades under PENNVEST's programmatic financing program within the City of Erie and Harborcreek, Millcreek, and Summit Townships. This lead project addresses the Asbury Tank Pump Station in Millcreek Township. A new facility will be constructed at the same location and contain three 1,750 gallons-per-minute vertical turbine pumps with associated piping, electrical and control units, chemical feed systems, and an emergency generator to facilitate a total daily capacity of five million gallons. The second project includes construction of a new storage tank in the South Booster Pressure District. First identified in a 2011 strategic plan, the project will address concerns about inadequate storage during periods of high demand and emergencies, including fire protection. The tank will provide additional capacity to the neighboring Peach Street and West Booster Pressure Districts, including the Millcreek Mall commercial corridor which does not have feasible space for separate storage tank construction. The remaining third, fourth, and fifth phases include numerous water distribution line replacements. Approximately 20,400 feet of cast iron and ductile iron pipe, some of which date to the early 1920s, will be replaced with new ductile iron pipe. The new pipe will alleviate the frequency of large water main breaks, improve service reliability, and reduce costs associated with recurring property restoration. New fire hydrants and Authority-owned service connections will also be installed. Locations proposed to receive new water lines include portions of Cook, Knoll, Burton, Woodlawn, and Camphausen Avenues, Zimmerman Road, Fairmont Parkway, and Harrison Street. The Authority's system services 57,727 households in the City of Erie, Boroughs of McKean and Wesleyville, the first-class Township of Lawrence Park, and second-class Townships of Greene, Harborcreek, Lawrence Park, McKean, Millcreek, and Summit. Bulk service is provided to the Summit Township Water Authority and Fairview Township Water Authority. Sections of the project</p>
BIL General Supplemental DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS

CHART 5 - BENEFITS 2024

3/27/2024

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
82241	HSWA TriTwp Water System Improvements Project	<p>Highland Sewer and Water Authority owns and operates a water treatment plant and public water distribution system which serves over 10,000 customers in 17 different municipalities. The Authority also sells bulk water to 13 smaller water utilities, including Tri-Township Water Authority. This system has aging and deteriorating infrastructure, and is experiencing very high unaccounted-for water loss. Due to difficulties with managing and maintaining the public water system, Tri-Township has entered into an agreement to sell its water system to Highland Sewer and Water Authority. The proposed project will include replacement of over 52,000 feet of water lines, 180 water service taps, and 265 water service meters. In addition, installations or replacements of associated vaults, system gate valves, hydrants, blow-offs, air release valves, fittings, and appurtenances will also be included.</p>
82243	Indiana County Municipal Services Authority - Water Renovation 21	<p>Indiana County Municipal Services Authority has numerous waterline extensions and replacements that are necessary to provide cleaner, healthier drinking water, and improve public water service, to areas with contaminated wells and cisterns. Indiana County Municipal Services Authority proposes numerous upgrades to its water treatment and distribution systems within Creekside Borough and Rayne, Washington, and White Townships. At the primary work site, Crooked Creek Water Treatment Plant, a new 35-foot diameter clarifier will be installed along the raw water intake line. The new clarifier will extend the use of existing membrane filters and lower the amount of trihalomethanes, haloacetic acids, and other disinfection byproducts that enter the plant due to high turbidity following heavy precipitation events. The second portion of work includes 1,200 feet of eight-inch waterline to provide an emergency interconnection with the Clymer Borough Municipal Authority drinking water system. The extension will further upgrade a meter vault and directly improve water distribution in a residential and commercial area of White Township, to include the Indiana County Jail and State Correctional Institution at Pine Grove. During the third stage of the project, approximately 35,000 feet of waterline will be installed along Skyline Drive and Tanoma Road in Rayne Township, as well as Indiana Street and Midd Street within Creekside Borough and Washington Township. These extensions will provide new public water service to residential customers experiencing bacterial contamination from onlot wells. A community cistern currently serving six residential properties will be decommissioned. Work proposed under this stage of the project will eliminate the need for residents to haul water during periods of dry weather or high consumption. The Authority serves approximately 5,620 residential customers in the Boroughs of Cherry Tree, Creekside, Ernest, Marion Center, Plumville, and Shelocta, and the second-class Townships of Armstrong, Blacklick, Canoe, Center, Cherryhill, Conemaugh, East Mahoning, Green, Montgomery, Pine, Rayne, South Mahoning, Washington, White, and Young. Numerous municipalities in the service area have median household income levels below the state median household income level, contain environmental justice areas, and/or are designated as federally disadvantaged.</p>

CHART 5 - BENEFITS 2024

3/27/2024

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
82245	Pittsburgh Water and Sewer Authority - 2020 Small Diameter Water Main Replacement - Contract A1	Water mains in the Pittsburgh Water and Sewer Authority's distribution system have a history of breakage and are inadequate in size. Replacement of these waterlines has been prioritized, and this work was part of a project approved previously at PENNVEST's October 2022 Board Meeting. During the bidding process for that original project, two of the contracts utilized most of the funding of the project, with costs for Contract A (representing the water main replacement portion) significantly higher than the amount awarded due to material and labor cost escalation. In order to keep the projects progressing in 2022, Contract A was removed from the previously-approved project and is the subject work of this current water main replacement project. Pittsburgh Water and Sewer Authority (PWSA) will replace approximately 63,000 feet of 8- and 12-inch waterlines in their distribution system. This is an existing system and serves 71,338 residential customers with a population of 302,816.
82246	Conemaugh Twp MA -SR 0985 Waterline Replacement Project2	The system's water loss is approximately 57 percent due to aged pipes. Leakage causes increased production costs as well as degraded water quality at customers' taps. Also, aging meters contribute to a loss of revenue, and two pump stations in the system are older and in need of rehabilitation. Conemaugh Township Municipal Authority will replace approximately 50,000 feet of distribution line, 14,000 feet of service line, and 180 meters to address water loss and non-revenue water. Two aging pump stations will also be rehabilitated to ensure continued operation. Water outages that have affected customers in the past will be reduced, and water quality and service reliability will be improved. Extensive rehabilitation or replacement of aged infrastructure components within this system will reduce water loss and high production costs. This is an existing system and serves 2,524 residential customers with a population of 6,630.
80242	Ford City Borough - Cast Iron Waterline Replacement	Most of Ford City Borough's distribution system consists of cast iron waterline with leaded joints. The existing lines will be replaced with plastic water mains eliminating public health hazards from lead and rust, as well as reducing the frequency of leaks and breaks. Ford City Borough, Armstrong County, will continue ongoing replacement of distribution lines within its existing system to achieve compliance with federal and state safe drinking water regulations. This project includes replacement of approximately 45,050 feet of existing 4-inch, 6-inch, 8-inch, and 12-inch cast iron pipe water main containing lead joints with new C900 plastic water main. Installation of water service lines, 70 fire hydrants, and blow-off assemblies will be included in the project area. The system currently serves approximately 1,335 residential customers within the Borough of Ford City and a small portion of Manor Township. The project area is within an environmental justice and federally-designated disadvantaged community region with median household income levels below the state median household income level.

CHART 5 - BENEFITS 2024

3/27/2024

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80243	Bellwood Borough Authority Phase 3 CIP Waterline Replacement	The Authority's drinking water distribution system includes several sections of over 100-year-old cast-iron water distribution mains with leaded joints. The Authority has concerns about the potential for lead to contaminate the water supply and cause health issues for residents if these mains continue to remain in service. The Authority currently purchases all of its water from the Altoona Water Authority, which is in the process of replacing its treatment system. The changes being made to the Altoona Water Authority's system could potentially alter the chemistry of the water distributed to the Bellwood Borough Authority's customers. The Authority will replace the existing cast iron water distribution main with leaded joints. Approximately 19,610 feet of 3-inch to 8-inch ductile iron water distribution main and associated valves, 21 fire hydrants, and service connections and appurtenances will be installed within certain areas of Bellwood Borough and a small portion of Antis Township.

BIL Emerging Contaminants DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
Pending	Aqua Pennsylvania - Edgely PFAS Removal	Aqua Pennsylvania owns a public water supply well, which is presently shut down due to the presence of perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS). The existing levels exceed the Pennsylvania Department of Environmental Protection's maximum contaminant level. Without this well on-line, the reliability of the water system to meet customer demands is stressed. The proposed PFAS treatment project includes new equipments, which will be located in a new building next to the existing treatment plant and consist of six 10-ft diameter filter vessels with anion exchange resin, operating in three trains. The project will include three new low lift pumps to push treated water through the vessels and a 97,000-gallon waste holding tank to equalize backwash prior to disposal by trucking.
Started	Perkasie Regional Authority Well #4 Treatment	Two (2) of our wells (#5 and #6) pump to one central treatment location (Well #4) where the water is treated before being put out into the distribution system. Although the entry point is not in violation for PFAS or PFOA, when the two (2) wells are sampled individually, Well #5 has a PFOS level of 59 ppt. By putting a PFAS/PFOA remediation building at this entry point (Well #4), the Authority will be able to remain compliant if/when the PFAS/PFOA levels change. The Authority is proposing to construct a 40' by 35' addition to the existing 14' by 17' building. This addition will allow the Authority to install (and expand in the future) filtering tanks to remove the PFAS/PFOA chemicals from the drinking water to ensure water quality and safety for all of its customers.
Started	Doylestown Township Municipal Authority Central Wells #5 and #7 PFAS Treatment	In 2023, the Pennsylvania Department of Environmental Protection (DEP) began regulating PFAS in public water suppliers across the state. The DEP set limits for PFOA (18 ppt) and PFOS (14 ppt) for all public water entry points. Collectively, the chemicals are known as PFAS. The Doylestown Township Municipal Authority (DTMA) operates a groundwater system that was contaminated with PFAS chemicals. A source for the contamination has yet to be found by the DEP. DTMA Central Wells #5 and #7 were impacted by this contamination. Central Well #5 averages 40 parts per trillion in violation of the new 2023 PFAS maximum contaminant levels for PFOA and PFOS. The DTMA Central Wells #5 and #7 PFAS Treatment Project will remove PFAS from the water supply for years to come. The Central Wells #5 and #7 PFAS Treatment Project consists of a new 60' x 30' PFAS treatment facility on the existing parcel where the DTMA Central Well #5 is located. In addition, 2,600 of 6-inch raw water pipeline is proposed to connect the contaminated Central Well #7 to the proposed facility.

CHART 5 - BENEFITS 2024

3/27/2024

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
Started	Borough of Emmaus PFAS Drinking Water System Improvements Wells No. 1 & 2	The Borough of Emmaus independently owns and operates a municipal water system consisting of approximately 53 miles of water main, 5 active wells, and two finished water storage tanks. Water quality testing has revealed that two of the Borough's five active wells have PFAS concentrations exceeding the PA DEP established MCL. The Borough's current treatment operation is unequipped to adequately remove PFAS to the PADEP nor proposed EPA standard. The PADEP has named the Borough's PFAS contamination as a priority project, and the Borough has entered a consent order with PADEP to remedy the PFAS contamination. The project includes the construction of a building to house the PFAS treatment equipment, office, conference room, lab area, bathroom, generator, HVAC and other ancillary equipment. Each well will be outfitted with a Granulated Activated Carbon Treatment Trains.

BIL Lead Service Lines DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80233	Pittsburgh Water and Sewer Authority - 2022 Small Diameter Water Main Replacement (LSL) Contract A	In the past, lead service lines have contributed to action level exceedances for lead in the drinking water. Pittsburgh Water and Sewer Authority has reduced lead levels through previous projects and are committed to future replacement of lead service lines. The project will address a Pennsylvania Department of Environmental Protection Consent Order and Agreement with regard to lead exceedances. Water loss, which is nearly 65 percent, will be reduced, which will result in lower operational costs and increased system reliability. Pittsburgh Water and Sewer Authority will replace lead service lines that will affect 300 residential customers in areas where water mains are being replaced in the partner project. This is an existing system and serves 71,338 residential customers with a population of 302,816. This application evaluated the impact on the 300 residential customers affected by the project.
80238	Pittsburgh Water and Sewer Authority - 2024A PWSA Neighborhood LSLR	In the past, lead service lines have contributed to action level exceedances for lead in the drinking water. Pittsburgh Water and Sewer Authority has reduced lead levels through previous projects and are committed to future replacement of lead service lines. The project will address a Pennsylvania Department of Environmental Protection Consent Order and Agreement with regard to lead exceedances. Water loss, which is nearly 65 percent, will be reduced, which will result in lower operational costs and increased system reliability. The Authority will replace approximately 2,635 lead service lines in Millvale Borough as well as nine other Pittsburgh neighborhoods including Mount Washington, South Side Slopes, Garfield, Upper Lawrenceville, Central Northside, Manchester, Perry North, Perry South, and Spring Hill. Areas were chosen based upon Pittsburgh Water and Sewer Authority's (PWSA) prioritization model accounting for children under the age of six and women of child-bearing age, blood lead level data from the County Health Department, and service line material inventory. In addition to the prioritization model, PWSA also accounted for income levels and environmental justice areas when selecting sites for this project. This is an existing system and serves 71,338 residential customers with a population of 302,816. This application evaluated the impact on the 2,635 residential customers affected by the project.
80236	Ebensburg Municipal Authority - Lead Service 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 of the system. The Authority has concerns regarding the potential for lead to contaminate the water supply and cause health issues for users. Based upon past experience and inventory data, it is estimated that 50 lead service lines will be replaced as a part of this project. This is an existing system and serves 1,937 residential customers with a population of 6,000. This application evaluated the impact on the 50 residential customers affected by the project.

CHART 5 - BENEFITS 2024

3/27/2024

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80237	Ford City Borough - Lead Service Replacement	<p>Ford City Borough, Armstrong County, has existing lead service lines within its drinking water system that are comprised of leaded gooseneck or galvanized steel connections, and need to be replaced. Lead components pose a public health risk to the Borough's customers. Approximately 1,245 existing lead service lines, consisting of leaded gooseneck or galvanized steel service connections, will be removed and replaced in the project area with plastic piping. These connections are short, curved sections of pipe located between the water main and corporation stop (shut-off valve). The work will encompass associated excavation, backfill, and restoration. Of the 1,245 services slated for replacement, 1,225 are residential customers and 20 are commercial or industrial customers. The system currently serves approximately 1,335 residential customers within the Borough of Ford City and a small portion of adjacent Manor Township. The project is within an environmental justice and federally-designated disadvantaged community area with a median household income level below the state median household income level.</p>
80235	Erie City Water Authority - Lead Service Line Replacement Phase 4	<p>Approximately 2,500 existing service connections within environmental justice areas in the City of Erie containing lead goosenecks and a high frequency of deterioration and corrosion will be replaced. Erie City Water Authority intends to replace approximately 2,500 service connections consisting of cast iron pipe attached to water mains by lead goosenecks, a short curved section of pipe between the water main and corporation stop (shut-off valve). The work encompasses associated excavation, backfill, and restoration. Following completion of this project, nearly all lead goosenecks in the City of Erie will be removed from service. The Authority's full system services 31,748 households in the City of Erie with additional service provided to Wesleyville and McKean Boroughs, the first-class Township of Lawrence Park, and the second-class Townships of Greene, Harborcreek, McKean, Millcreek, and Summit. Bulk service is provided to the Summit Township Water Authority and Fairview Township Water Authority. The project area is an environmental justice and federally-designated disadvantaged community area with a median household income level below the state median household income level.</p>
80239	Easton Suburban Water Authority South Side Lead Line Replacements	<p>The Easton Suburban Water Authority has confirmed lead and galvanized iron service lines within the City of Easton. Removal and replacement of the service lines is desired and considered necessary to ensure continued compliance with the Environmental Protection Agency's Lead and Copper Rule. The Easton Suburban Water Authority proposes the investigation of approximately 300 public and private lead and/or galvanized service lines. Based on prior experience, it is estimated that 195 lines will need replaced. The project will include all necessary appurtenances related to the service line replacements including valves, water mains, and test pits. The improvements will enhance the Authority's ability to operate and maintain the system and increase the reliability of service. The proposed South Side Project will address the following areas within the city: The North South Side - replacement of an estimated 94 lead and/or galvanized service lines (Charles, Folk, James, Lachenour, Madison, and St. Joseph Streets and adjacent areas). The West South Side - replacement of an estimated 101 lead and/or galvanized service lines (Grant, Iron, Milton, Valley, and Williams Streets and adjacent areas). This is an existing system that serves 32,359 residential customers in the City of Easton with a median household income level. The impact on 195 residential customers affected by the project was evaluated.</p>

CHART 5 - BENEFITS 2024

3/27/2024

Base DWSRF Grant Project Descriptions

LOAN #	PROJECT_TITLE	BENEFITS
80240	Bellwood Borough Authority Lead Service Line Replacement	The project area consists of 40 service lines which are classified as lead or galvanized and require replacement. The Authority has concerns about the potential for lead to contaminate the water supply and cause health issues for the residents if these lines continue to remain in service. The Authority currently purchases all of its water from the Altoona Water Authority, which is in the process of replacing its treatment system. The changes being made to the Altoona Water Authority's system could potentially alter the chemistry of the water distributed to the Bellwood Borough Authority's customers. Forty existing service connections which are classified as lead or galvanized will be replaced. The lead or galvanized components of each service line also will be replaced so that the entire service line from the water main to the inside of the structure consists of acceptable material.
pending	Erie City Water Authority - Lead Service Line Replacement Phase 5	The Authority current has approximately forty-two (42) known wrought iron or galvanized service connections requiring replacement within the Borough of Wesleyville and approximately fifty-eight (58) within Lawrence Park Township. The wrought iron services are or were connected to water mains via lead 'goose necks', the short curved section of lead pipe between the water main and the straight section of pipe to the curb box which together comprise the utility owned or public side of the service connection/line. Many of these service connections, when excavated, are found to be deteriorated, corroded, and often leaking. In some cases, leaks are so significant that replacement becomes necessary for that reason alone. The project will include infrastructure renewal specific to the replacement or abandonment of approximately 100 existing service lines, from existing water mains in the Borough of Wesleyville and Lawrence Park Township. Service lines to be replaced consist of wrought iron pipe which is or was attached to water mains by lead 'goosenecks', the short-curved section of pipe between the water main and shut off valve at the property line or curb. The work will include the associated excavation, backfill, and restoration necessary to replace the service lines.
pending	Wampum Borough - Lead Service Line Replacement	Lead service lines exist in the current Wampum Borough drinking water distribution system which require replacement. The project will remove approximately 50 lead service lines along and near Clyde, Kay, Main, and Beaver streets in the Wampum Borough, Lawrence County, drinking water system. New 0.75-inch copper service lines will be installed to include relevant appurtenances and restoration. The system serves approximately 257 residential customers in the Borough of Wampum and 27 households in a small portion of New Beaver Borough. The project area encompasses an Environmental Justice community.
	PENNVEST and DEP	PENNVEST and DEP through various outreach efforts are working with several communities to define their LSL needs. In 2024, PENNVEST and DEP expects to identify over \$90 million in shovel ready LSL projects.

DWSRF INTENDED USE PLAN - Sources and Uses 2024 - ALL FUNDS								
3/27/2024								
LOAN #	PROJECT NAME	ASSISTANCE AMOUNT	APPROVAL DATE	LOAN TO BE REPAYED	PRINC FORGIVENESS	STATUS	SETTLEMENT DATE	NOTES
SOURCES:								
	AWARDED SDW FUNDS (awarded through 2023)	770,797,793.00						
	AWARDED BIL FUNDS (awarded through 2023)	415,586,000.00						
	STATE MATCH (through 2023 grant)	166,479,828.00						
	STATE CONTRIBUTION IN EXCESS OF MATCH	191,719.00						
	ARRA DWSRF GRANT (awarded)	44,006,270.00						
	BIL TOTAL (Appropriation FFY 2024-2025)	263,900,000.00						
	GENERAL SUPPLEMENTAL	75,829,000.00						
	LEAD SERVICE LINE REPLACEMENT	162,707,000.00						
	EMERGING CONTAMINANTS	25,364,000.00						
	BIL STATE MATCH REQUIREMENT	15,165,800.00						
	BIL EMERGING CONTAMINANTS TRANSFER FROM CW TO DW	0.00						
	** 2024 CAP GRANT - APPLICATION	16,290,000.00						
	** 2024 CAP GRANT STATE MATCH- APPLICATION	3,258,000.00						
	TOTAL TRANSFERRED TO DWSRF FROM CWSRF	137,419,786.00						
	WIFTA TRANSFERED 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 02/29/2024)	\$833,372,619.23						
	SOURCE TOTAL:	2,757,153,473.23						
USES:								
	Reserve to transfer to CWSRF or later reallocate	440,000.00						
	TRANSFER DWSRF TO CWSRF	20,000,000.00						
	2024 ADMINISTRATION (4%)	3,684,760.00						
	2024 TECHNICAL ASSISTANCE (2%)	2,023,860.00						
	2024 1452(G)(2) - (10%)	5,000,000.00						
	2024 1452(K) - (15%)	13,817,850.00						
	ADMINISTRATION (4%) (awarded through 2023)	46,242,236.00						
	TECHNICAL ASSISTANCE (2%) (awarded through 2023)	13,313,666.00						
	1452(G)(2) - (10%) (awarded through 2023)	63,047,746.74						
	1452(K) - (15%) (awarded through 2023)	83,009,742.09						
	BIL 4% SET-ASIDE (awarded through FY 2023)	16,623,440.00						
	BIL 2% SET-ASIDE (awarded through FY 2023)	5,212,600.00						
	BIL 10% SET-ASIDE (awarded through FY 2023)	5,946,200.00						
	BIL 15% SET-ASIDE (awarded through FY 2023)	1,500,000.00						
NOTE:	2005 1452(K) - (15%) - APPLICATION - transferred to Prog Fd	0.00	3,942,150.00					2% and 10% bank for 2005
	2006 1452(K) - (15%) - APPLICATION - transferred to Prog Fd	0.00	4,157,775.00					2% and 10% bank for 2006
	2007 1452(K) - (15%) - APPLICATION - transferred to Prog Fd	0.00	4,157,850.00					2% and 10% bank for 2007
	2004 Set-aside funds transferred to Program Fund	-7,439,771.90						
82242	Eldred Borough Water Authority Water System Replacements Municipal Authority of Buffalo Township - Route 228 West	\$ 3,519,618.00	19-Jul-23	\$ -	\$ 3,519,618.00	Disbursement	2/27/2024	2024 BASE
82247	Extension and Freeport Boro Non-Lead Dis Ebensburg Municipal Authority - Water Line Replacement	\$ 1,344,565.00	19-Jul-23	\$ 1,344,565.00	\$ -	Disbursement	3/5/2024	BASE
82248	Project Erie City Water Authority - Asbury Tank Pump Station and Pro-	\$ 7,906,091.00	18-Oct-23	\$ 4,922,366.00	\$ 2,983,725.00	Disbursement	2/14/2024	BASE
82249	Fi	\$ 20,000,000.00	18-Oct-23	\$ 20,000,000.00	\$ -	Under Review	10/18/2025	BASE
82241	HSWA TriTwp Water System Improvements Project Indiana County Municipal Services Authority - Water	\$ 13,734,480.00	19-Jul-23	\$ 2,220,780.00	\$ 11,513,700.00	Loan Closing	4/16/2024	BIL GS
82243	Renovation 21 Pittsburgh Water and Sewer Authority - 2020 Small Diameter	\$ 6,820,650.00	19-Jul-23	\$ -	\$ 6,820,650.00	Disbursement	12/28/2023	BIL GS
82245	Water Main Replacement - Contract A	\$ 34,159,707.00	18-Oct-23	\$ 34,159,707.00	\$ -	Loan Closing	5/7/2024	BIL GS

DWSRF INTENDED USE PLAN - Sources and Uses 2024 - ALL FUNDS									
3/27/2024									
LOAN #	PROJECT NAME	ASSISTANCE AMOUNT	APPROVAL DATE	LOAN TO BE REPAYED	PRINC FORGIVENESS	STATUS	SETTLEMENT DATE	NOTES	
SOURCES:									
82246	Conemaugh Twp MA - SR0985 Waterline Replcement Project	\$ 11,819,679.00	18-Oct-23	\$ 5,989,495.00	\$ 5,830,184.00	Loan Closing	4/11/2024	BIL GS	
80242	Ford City Borough - Cast Iron WaterLine Replacement	\$ 14,325,000.00	24-Jan-24	\$ 4,770,500.00	\$ 9,554,500.00	Loan Closing	8/1/2024	BIL GS	
80243	Bellwood Borough Authority Phase 3 CIP Waterline Replacement	\$ 5,847,745.00	24-Jan-24	\$ 2,410,569.00	\$ 3,437,176.00	Loan Closing	6/12/2024	BIL GS	
pending	Aqua Pennsylvania - Edgely PFAS Removal	\$ 6,770,000.00	24-Apr-24	\$ -	\$ 6,770,000.00	Under Review	6/1/2024	BIL EC	
started	Perkasie Regional Authority Well #4 Treatment	\$ 2,000,000.00	24-Apr-24	\$ -	\$ 2,000,000.00	Started	4/24/2025	BIL EC	
started	Doylestown Township Municipal Authority Central Wells #5 and #7 PFAS Treatment	\$ 5,000,000.00	24-Apr-25	\$ -	\$ 5,000,000.00	Started	4/24/2025	BIL EC	
started	Borough of Emmaus PFAS Drinking Water System Improvements Wells No. 1 & 2	\$ 11,086,720.00	01-Jan-25	\$ -	\$ 11,086,720.00		1/1/2026	BIL EC	Listed on 2024 Application
80233	Pittsburgh Water and Sewer Authority - 2022 Small Diameter Water Main Replacement (LSL) Contract A	\$ 3,160,825.00	19-Oct-23	\$ 686,353.00	\$ 2,474,472.00	Loan Closing	5/7/2024	BIL LSL	
80238	Pittsburgh Water and Sewer Authority - 2024A PWSA Neighborhood LSLR	\$ 32,058,100.00	24-Jan-24	\$ 18,278,381.00	\$ 13,779,719.00	Loan Closing	7/30/2024	BIL LSL	
80236	Ebensburg Municipal Authority - Lead Service Line Replacement Project	\$ 432,234.00	18-Oct-23	\$ 61,693.00	\$ 370,541.00	Disbursement	2/14/2024	BIL LSL	
80237	Ford City Borough - Lead Service Replacement	\$ 5,600,000.00	24-Jan-24	\$ 3,192,919.00	\$ 2,407,081.00	Loan Closing	8/1/2024	BIL LSL	
80235	Erie City Water Authority - Lead Service Line Replacement - Phase 4	\$ 18,000,000.00	18-Oct-23	\$ 3,908,584.00	\$ 14,091,416.00	Loan Closing	5/1/2024	BIL LSL	
80239	Easton Suburban Water Authority South Side Lead Line Replacements	\$ 3,293,000.00	24-Jan-24	\$ 2,190,901.00	\$ 1,102,099.00	Loan Closing	1/30/2025	BIL LSL	
80240	Bellwood Borough Authority Lead Service Line Replacement	\$ 491,120.00	24-Jan-24	\$ 211,101.00	\$ 211,101.00	Loan Closing	1/30/2025	BIL LSL	
pending	Erie City Water Authority - Lead Service Line Replacement - Phase 5	\$ 710,000.00	24-Apr-24	\$ 238,205.00	\$ 238,205.00	Under Review	10/1/2024	BIL LSL	
pending	Wampum Borough - Lead Service Line Replacement	\$ 1,600,000.00	24-Apr-24	\$ 1,600,000.00	\$ 1,600,000.00	Under Review	10/1/2024	BIL LSL	
82244	Bellwood Borough Authority Phase 3 CIP Waterline Replacement	\$ -	19-Jul-23	\$ -	\$ -	Declined	7/19/2024	BASE	
80234	City of Lancaster - Lead Line Replacements	\$ -	19-Oct-23	\$ -	\$ -	Declined	10/19/2023	BASE	
pending	PENNVEST and DEP are actively identifying approximately \$89.6 million of LSL projects of which \$49.96 million is loan and \$39.65 million principal forgiveness for BIL General Supplemental.	\$ 97,361,721.00		\$ 53,909,925.00	\$ 46,451,796.00		4/19/2025	BIL LSL	
TOTALS		2,867,495,797.65		2,091,595,825.13	253,917,450.59				
NET REVENUE:		-110,342,324.42	to fund future projects						

DWSRF INTENDED USE PLAN - Sources and Uses 2024 - ALL FUNDS				
3/27/2024				
LOAN #	PROJECT NAME	ASSISTANCE AMOUNT	EST. BINDING COMMITMENT	NOTES
SOURCES:				
	AWARDED SDW FUNDS (awarded through 2023)	770,797,793.00		
	AWARDED BIL FUNDS (awarded through 2023)	415,586,000.00		
	STATE MATCH (through 2023 grant)	166,479,828.00		
	STATE CONTRIBUTION IN EXCESS OF MATCH	191,719.00		
	ARRA DWSRF GRANT (awarded)	44,006,270.00		
	BIL TOTAL (Appropriation FFY 2024-2025)	263,900,000.00		
	GENERAL SUPPLEMENTAL	75,829,000.00		
	LEAD SERVICE LINE REPLACEMENT	162,707,000.00		
	EMERGING CONTAMINANTS	25,364,000.00		
	BIL STATE MATCH REQUIREMENT	15,165,800.00		
	BIL EMERGING CONTAMINANTS TRANSFER FROM CW TO DW	0.00		
	2024 CAP GRANT - APPLICATION	16,290,000.00		
	2024 CAP GRANT STATE MATCH- APPLICATION	3,258,000.00		
	TOTAL TRANSFERRED TO DWSRF FROM CWSRF	137,419,786.00		
	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 02/29/2024)	833,372,619.23		
SOURCE TOTAL:			2,757,153,473.23	
USES:				
	Reserve to transfer to CWSRF or later reallocate	440,000.00		
	TRANSFER DWSRF TO CWSRF	20,000,000.00		
	2024 ADMINISTRATION (4%)	3,684,760.00		
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	2024 1452(G)(2) - (10%)	5,000,000.00		
	2024 1452(K) - (15%)	13,817,850.00		
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	1452(G)(2) - (10%) (awarded through 2023)	63,047,746.74		
	1452(K) - (15%) (awarded through 2023)	83,009,742.09		
	BIL 4% SET-ASIDE (awarded through FY 2023)	16,623,440.00		
	BIL 2% SET-ASIDE (awarded through FY 2023)	5,212,600.00		
	BIL 10% SET-ASIDE (awarded through FY 2023)	5,946,200.00		
	BIL 15% SET-ASIDE (awarded through FY 2023)	1,500,000.00		
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		
			272,422,328.93	
TRADITIONAL PROJECTS:				
	Projects Financed on Previously	1,467,269,405.01		
	Projects Financed on 2023 Grant Application	1,127,804,063.71		
			2,595,073,468.72	
USES TOTAL:			2,867,495,797.65	
NET BALANCE REMAINING			-110,342,324.42	