

2022 DWSRF Capitalization Grant Application - Base

And

Bipartisan Infrastructure Law (BIL):

2022 DWSRF Capitalization Grant Application - General Supplemental

2022 DWSRF Emerging Contaminants Grant Application

2022 DWSRF Lead Service Lines Replacement Grant Application

6/1/2022

FUNDS CHART: 2022 GRANT APPLICATION - ALL FUNDS							
6/1/2022							
	TOTAL	2% DEP Set-Aside (2022)	10% DEP Set-Aside (2022)	15% DEP Set-Aside (2022)	ADMIN (2022)	PROGRAM	
FEDERAL BASE GRANT FUNDS - 2022 Allocation	21,577,000 *	431,540	2,157,700	3,236,550	863,080	14,888,130	
20% MATCHING STATE FUNDS	4,315,400	0	0	0	0	4,315,400	
TOTAL	25,892,400	431,540	2,157,700	3,236,550	863,080	19,203,530	
Minimum Principal Forgiveness						2,589,240	
Maximum Principal Forgiveness						7,551,950	
Minimum Green						0	
BIL TOTAL (Appropriation FFY 2022-2023)							
GENERAL SUPPLEMENTAL	55,403,000	1,108,060	5,540,300	8,310,450	2,216,120	38,228,070	
BIL STATE MATCH REQUIREMENT	5,540,300	0	0	0	0	5,540,300	
TOTAL	60,943,300	1,108,060	5,540,300	8,310,450	2,216,120	43,768,370	
LEAD SERVICE LINE REPLACEMENT	87,296,000	1,745,920	8,729,600	13,094,400	3,491,840	60,234,240	
EMERGING CONTAMINANTS	23,264,000	465,280	2,326,400	3,489,600	930,560	16,052,160	
TOTAL	171,503,300	3,319,260	16,596,300	24,894,450	6,638,520	120,054,770	
Supplemental Principal Forgiveness Requirement						27,147,470	
LSL Principal Forgiveness Requirement						42,775,040	
Emerging Contaminants Principal Forgiveness						16,052,160	
<i>Reserving the right to transfer BIL EMERGING CONTAMINANTS TRANSFER FROM CWSRF TO DWSRF</i>							

BASE GRANT CHART 1: PROJECTED BINDING COMMITMENTS - FY 2022										
6/1/2022										
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	Energy Efficiency	82402	Somerset Borough Municipal Authority ¹	19,203,530	14,595,231	5,404,769	100,000	yes	
Project Total:					19,203,530	14,595,231.00	5,404,769.00	100,000.00		
						MIN	2,589,240.00	0.00		
						MAX	7,551,950.00			
4% Program Administration:					863,080					
					20,066,610					
No	No			2% Set-aside	431,540.00					
No	No	Categorical		10% Other State Programs, Source Protection Activities	2,157,700.00					
No	No	Categorical		15%, Other Authorized Activities, Source Protection	3,236,550.00					
TOTAL					25,892,400	14,595,231.00	5,404,769.00	100,000.00		
SMALL COMMUNITY DATA:							Current DW IUP			
Total Assistance to Small Communities:							20,000,000			
Percent of Assistance to Small Commun:							100%			
<i>NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date</i>										
					Equivalency Projects ²	20,000,000				
¹ - \$19,203,530 of the \$20,000,000 project cost is being applied under the Base CAP Grant Application										
² - Must be greater than or equal to \$19,203,530. Federal Amount for Equivalency										

BASE GRANT CHART 2: FY 2022 DWSRF ASAP INCREASES								
6/1/2022								
						(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
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	14,888,130	14,888,130	863,080	863,080	5,825,790	5,825,790	21,577,000
2023/1	10/1/2022	0	14,888,130	0	863,080	0	5,825,790	21,577,000
2023/2	1/1/2023	0	14,888,130	0	863,080	0	5,825,790	21,577,000
2023/3	4/1/2023	0	14,888,130	0	863,080	0	5,825,790	21,577,000
2023/4	7/1/2023	0	14,888,130	0	863,080	0	5,825,790	21,577,000
2024/1	10/1/2023	0	14,888,130	0	863,080	0	5,825,790	21,577,000
2024/2	1/1/2024	0	14,888,130	0	863,080	0	5,825,790	21,577,000
2024/3	4/1/2024	0	14,888,130	0	863,080	0	5,825,790	21,577,000
2024/4	7/1/2024	0	14,888,130	0	863,080	0	5,825,790	21,577,000
DEP SET-ASIDES (summarized above)								
			2022 GRANT.....		TOTAL		
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2022 - 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	431,540	2,157,700	3,236,550	0	5,825,790		
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 GENERAL SUPPLEMENTAL CHART 1: PROJECTED BINDING COMMITMENTS - FY 2022										
6/1/2022										
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)
	Non-Equivalency		82236	Linesville Borough	775,994	-	775,994		yes	
	Non-Equivalency	Water Efficiency	82233	Knox Township Municipal Authority	3,320,997	483,372	2,837,625	313,575	yes	
	Non-Equivalency		82230	Southwest Warren County Municipal Authority (Split funding offer)	1,008,000	731,400	276,600		yes	
	Non-Equivalency		85196	Ligonier Township Municipal Authority	5,525,000	5,525,000	-		yes	
	Non-Equivalency		85211	Hollidaysburg Borough Authority	2,920,487	1,395,900	1,524,587		yes	
	Non-Equivalency		85218	Roaring Spring Municipal Authority	3,050,000	1,186,450	1,863,550		yes	
	Equivalency	Water Efficiency	82238	Redbank Valley Municipal Authority	830,800	56,369	774,431	536,100	yes	
	Non-Equivalency		85219	Knox Borough	2,018,855	785,335	1,233,520		yes	
	non-Equivalency		85217	Linesville Borough	917,253	356,812	560,441		yes	
	Equivalency	Water Efficiency	82237	Alexandria Borough Water Authority	9,450,000	4,419,285	5,030,715	175,000	yes	
	Non-Equivalency		85209	Brookville Municipal Authority	1,950,000	758,550	1,191,450		yes	
	Equivalency		80201	City of Philadelphia ¹	355,602	40,355,602	-		no	
	Non-Equivalency		85204	The Borough of Hooversville	4,636,000	-	4,636,000		yes	
	non-Equivalency		85201	Borough of Glen Campbell	1,111,000	187,384	923,616		yes	
	Non-Equivalency		pend	Hazleton City Authority 2022 Operational Upgrade Part "B"	3,500,000	-	3,500,000		no	
	Non-Equivalency		pend	Haines-Aaronsburg Municipal Authority Water System Improvement Project ²	648,100	5,153,491	746,509		yes	
	Non-Equivalency		85202	Freedom Township Water and Sewer Authority	1,750,282	477,850	1,272,432		yes	
				Project Total:	43,768,370	61,872,800	27,147,470	1,024,675		
						Required	27,147,470	-		
				4% Program Administration:	2,216,120					
					45,984,490					
No	No			2% Set-aside	1,108,060.00					
No	No	Categorical		10% Other State Programs, Source Protection Activities	5,540,300.00					
No	No	Categorical		15%, Other Authorized Activities, Source Protection	8,310,450.00					
				TOTAL	60,943,300	61,872,800	27,147,470	1,024,675		
				SMALL COMMUNITY DATA:			Current DW IUP			
				Total Assistance to Small Communities:			45,164,668			
				Percent of Assistance to Small Commun:			51%			
				NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date						
				Equivalency Projects ³	50,636,402					
				¹ - \$355,602 of the \$40,355,602 total project cost is being applied under the BIL General Supplemental Grant Application						
				² - \$648,100 of the \$5,153,491 total project cost is being applied under the BIL General Supplemental Grant Application						
				³ - Must be greater than or equal to \$43,768,370. Federal Amount for Equivalency						
				PENNVEST may supplement General Supplemental Principal Forgiveness from the Base Grant Fund						

BIL GENERAL SUPPLEMENTAL CHART 2: FY 2022 DWSRF ASAP INCREASES								
6/1/2022								
						(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
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	38,228,070	38,228,070	2,216,120	2,216,120	14,958,810	14,958,810	55,403,000
2023/1	10/1/2022	0	38,228,070	0	2,216,120	0	14,958,810	55,403,000
2023/2	1/1/2023	0	38,228,070	0	2,216,120	0	14,958,810	55,403,000
2023/3	4/1/2023	0	38,228,070	0	2,216,120	0	14,958,810	55,403,000
2023/4	7/1/2023	0	38,228,070	0	2,216,120	0	14,958,810	55,403,000
2024/1	10/1/2023	0	38,228,070	0	2,216,120	0	14,958,810	55,403,000
2024/2	1/1/2024	0	38,228,070	0	2,216,120	0	14,958,810	55,403,000
2024/3	4/1/2024	0	38,228,070	0	2,216,120	0	14,958,810	55,403,000
2024/4	7/1/2024	0	38,228,070	0	2,216,120	0	14,958,810	55,403,000
DEP SET-ASIDES (summarized above)								
.....2022 GRANT.....						TOTAL		
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2022 - 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	1,108,060	5,540,300	8,310,450	0	14,958,810		
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 GENERAL SUPPLEMENTAL CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2022									
6/1/2022									
LOAN #	PROJECT NAME	EST. CONST.	ASSISTANCE	FYE 09/30/2022		FYE 09/30/2023			
		START DATE	AMOUNT	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)
82236	Linesville Borough		775,994		775,994				
82233	Knox Township Municipal Authority		3,320,997		3,320,997				
82230	Southwest Warren County Municipal Authority (Split funding offer)		1,008,000		1,008,000				
85196	Ligonier Township Municipal Authority		5,525,000		5,525,000				
85211	Hollidaysburg Borough Authority		2,920,487		2,920,487				
85218	Roaring Spring Municipal Authority		3,050,000		3,050,000				
82238	Redbank Valley Municipal Authority		830,800		830,800				
85219	Knox Borough		2,018,855		2,018,855				
85217	Linesville Borough		917,253		917,253				
82237	Alexandria Borough Water Authority		9,450,000		9,450,000				
85209	Brookville Municipal Authority		1,950,000		1,950,000				
80201	City of Philadelphia		355,602		355,602				
85204	The Borough of Hooversville		4,636,000		4,636,000				
85201	Borough of Glen Campbell		1,111,000		1,111,000				
pend	Hazleton City Authority 2022 Operational Upgrade Part "B"		3,500,000		3,500,000				
pend	Haines-Aaronsburg Municipal Authority Water System Improvement Project2		648,100		648,100				
85202	Freedom Township Water and Sewer Authority		1,750,282		1,750,282				
	PROJECT TOTAL		43,768,370		43,768,370				
	CUM PROJECT TOTAL				43,768,370				
	FY PROJECT TOTALS				43,768,370				
SET-ASIDE DISBURSEMENTS:									
		MAXIMUM:	REQUEST:						
	Unbanked Funds								
	ADMIN 4%	2,216,120	2,216,120		2,216,120				
	TECH. 2%	1,108,060	1,108,060		1,108,060				
	1452(G)(2) - 10%	5,540,300	5,540,300		5,540,300				
	1452(K) - 15%	8,310,450	8,310,450		8,310,450				
	SET-ASIDE TOTAL	17,174,930	17,174,930		17,174,930				
	CUM SET-ASIDE TOTAL				17,174,930				
	FY SET-ASIDE TOTALS				17,174,930				
	COMBINED TOTAL		60,943,301		60,943,301				
	CUM COMBINED TOTAL		60,943,301		60,943,301				
	FY COMBINED TOTAL				60,943,301				
			TOTAL PROJ		43,768,370				
			FED PROJ DISB		38,228,070				
			STATE MATCH		5,540,300				

BIL EMERGING CONTAMINANTS CHART 1: PROJECTED BINDING COMMITMENTS - FY 2022									
6/1/2022									
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	PfAs Susquehanna Area Reg. Airport Authority - Water Treatment Plant and Well Upgrades	6,708,809	6,708,809		Yes		No
yes	Equivalency Project	pending	PA Water Company - Frackville Division ¹	5,443,351	12,000,000		No		Yes
yes	Equivalency Project	pending	Saegertown Borough	3,900,000	3,900,000		Yes		No
Project Total:				16,052,160	22,608,809				
				Required	16,052,160.00				
4% Program Administration:				930,560					
				16,982,720					
No	No		2% Set-aside	465,280.00					
No	No		10% Other State Programs, Source Protection Activities	2,326,400.00					
No	No		15%, Other Authorized Activities, Source Protection	3,489,600.00					
TOTAL				23,264,000	22,608,809.00	0.00			
SMALL COMMUNITY DATA:					Current DW IUP				
Total Assistance to Small Communities:					22,608,809				
Percent of Assistance to Small Commun:					100%				
<i>NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date</i>									
Equivalency Projects ²				22,608,809					
¹ - \$5,443,351 of the \$12,000,000 project cost is being applied under the BIL Emerging Contaminants Grant Application									
² - Must be greater or equal to \$16,052,160. 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 2022 DWSRF ASAP INCREASES								
6/1/2022								
						(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
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	16,052,160	16,052,160	930,560	930,560	6,281,280	6,281,280	23,264,000
2023/1	10/1/2022	0	16,052,160	0	930,560	0	6,281,280	23,264,000
2023/2	1/1/2023	0	16,052,160	0	930,560	0	6,281,280	23,264,000
2023/3	4/1/2023	0	16,052,160	0	930,560	0	6,281,280	23,264,000
2023/4	7/1/2023	0	16,052,160	0	930,560	0	6,281,280	23,264,000
2024/1	10/1/2023	0	16,052,160	0	930,560	0	6,281,280	23,264,000
2024/2	1/1/2024	0	16,052,160	0	930,560	0	6,281,280	23,264,000
2024/3	4/1/2024	0	16,052,160	0	930,560	0	6,281,280	23,264,000
2024/4	7/1/2024	0	16,052,160	0	930,560	0	6,281,280	23,264,000
DEP SET-ASIDES (summarized above)								
			2022 GRANT.....		TOTAL		
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2022 - 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	465,280	2,326,400	3,489,600	0	6,281,280		
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 2022									
6/1/2022									
LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	FYE 09/30/2022		FYE 09/30/2023			
				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)
pending	PFAs Susquehanna Area Reg. Airport Authority - Water Treatment Plant and Well Upgrades		6,708,809		6,708,809				
pending	PA Water Company - Frackville		5,443,351		5,443,351				
pending	Saegertown Borough		3,900,000		3,900,000				
	PROJECT TOTAL		16,052,160		16,052,160				
	CUM PROJECT TOTAL				16,052,160				
	FY PROJECT TOTALS				16,052,160				
SET-ASIDE DISBURSEMENTS:									
		MAXIMUM:	REQUEST:						
	Unbanked Funds								
	ADMIN 4%	930,560	930,560		930,560				
	TECH. 2%	465,280	465,280		465,280				
	1452(G)(2) - 10%	2,326,400	2,326,400		2,326,400				
	1452(K) - 15%	3,489,600	3,489,600		3,489,600				
	SET-ASIDE TOTAL	7,211,840	7,211,840		7,211,840				
	CUM SET-ASIDE TOTAL				7,211,840				
	FY SET-ASIDE TOTALS				7,211,840				
	COMBINED TOTAL		23,264,001		23,264,000				
	CUM COMBINED TOTAL		23,264,001		23,264,000				
	FY COMBINED TOTAL				23,264,000				
			TOTAL PROJ		16,052,160				
			FED PROJ DISB		16,052,160				
			STATE MATCH						

BIL LEAD SERVICE LINES CHART 1: PROJECTED BINDING COMMITMENTS - FY 2022										
6/1/2022										
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)
	Non Equivalent		85198	Coraopolis Water and Sewer Authority	1,117,000	-	1,117,000	No	Yes	
	Non Equivalent		82234	Ford City Borough	1,343,000	-	1,343,000	No	Yes	
	Non Equivalent		85197	Bellwood Borough Authority	1,569,904	-	1,569,904	No	Yes	
	Non Equivalent		85199	Towanda Municipal Authority	2,234,500	-	2,234,500	No	Yes	
	Non Equivalent		85200	Hastings Municipal Authority	2,054,884	-	2,054,884	No	Yes	
	Non Equivalent		82235	Erie City Water Authority	6,500,000	-	6,500,000	No	No	
	Non Equivalent		82232	Bradford City Water Authority	8,520,000	-	8,520,000	No	Yes	
	Non Equivalent		82231	The Municipal Authority of the Borough of Greenville	3,816,220	-	3,816,220	No	Yes	
	Non Equivalent		85205	Pittsburgh Water and Sewer Authority ¹	4,706,512	1,830,833	618,784	No	No	
	Non Equivalent		85206	The Municipal Authority of the Borough of Edgeworth	645,000	250,905	394,095	No	Yes	
	Non Equivalent		85203	Municipal Water Authority of Aliquippa	3,129,000	1,217,181	1,911,819	No	Yes	
	Non Equivalent		85214	Bedford Borough Municipal Authority	1,203,642	563,077	640,565	No	Yes	
	Non Equivalent		85215	Bellwood Borough Authority	1,157,062	450,097	706,965	No	Yes	
	Non Equivalent		85208	Ebensburg Municipal Authority	2,771,375	1,505,765	1,265,610	No	Yes	
	Non Equivalent		85210	Hastings Municipal Authority	676,240	263,057	413,183	No	Yes	
	Non Equivalent		85212	Nanty Glo Water Authority	2,242,000	872,138	1,369,862	No	Yes	
	Non Equivalent		85207	Rimersburg Borough Municipal Authority	999,985	388,994	610,991	No	Yes	
	Non Equivalent		85216	Pottstown Borough Authority	6,072,000	2,362,008	3,709,992	No	No	
	Non Equivalent		85213	The Municipal Authority of the Borough of Minersville	2,745,100	1,067,844	1,677,256	No	Yes	
	Non Equivalent		85220	Youngsville Borough	534,000	411,800	122,200	No	Yes	
	Non Equivalent		85221	Curryville Water Authority Interconnection and Water Tank Rehabilitation	2,389,000	210,790	2,178,210	No	Yes	
	Equivalency		pend	Erie City Water Authority ²	3,807,816	7,000,000.00	0.00	No	No	
				Project Total:	60,234,240	18,394,489	42,775,040	0.00		
						Required	42,775,040	0.00		
				4% Program Administration:	3,491,840					
					63,726,080					
No	No			2% Set-aside	1,745,920					
No	No	Categorical		10% Other State Programs, Source Protection Activities	8,729,600					
No	No	Categorical		15%, Other Authorized Activities, Source Protection	13,094,400					
				TOTAL	87,296,000	18,394,489	42,775,040	0.00		
				SMALL COMMUNITY DATA:			Current DW IUP			
				Total Assistance to Small Communities:			39,147,912			
				Percent of Assistance to Small Commun:			65%			
				NOTE: Effective 7/1/2005 Binding Commitment is defined as Settlement Date						
				Equivalency Projects ³	7,000,000					
				¹ - \$618,784 of the \$2,875,679 of the Principal Forgiveness amount is being attributed to BIL Lead Service Lines. The balance will be paid out of Base or General Supplemental.						
				² - \$3,807,816 of the \$7,000,000 project cost is being applied under the BIL Lead Service Line						
				³ - Must be greater than or equal to \$30,162,280. 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						

BIL LEAD SERVICE LINES CHART 2: FY 2022 DWSRF ASAP INCREASES								
6/1/2022								
							(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	10/1/2021	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	60,234,240	60,234,240	3,491,840	3,491,840	23,569,920	23,569,920	87,296,000
2023/1	10/1/2022	0	60,234,240	0	3,491,840	0	23,569,920	87,296,000
2023/2	1/1/2023	0	60,234,240	0	3,491,840	0	23,569,920	87,296,000
2023/3	4/1/2023	0	60,234,240	0	3,491,840	0	23,569,920	87,296,000
2023/4	7/1/2023	0	60,234,240	0	3,491,840	0	23,569,920	87,296,000
2024/1	10/1/2023	0	60,234,240	0	3,491,840	0	23,569,920	87,296,000
2024/2	1/1/2024	0	60,234,240	0	3,491,840	0	23,569,920	87,296,000
2024/3	4/1/2024	0	60,234,240	0	3,491,840	0	23,569,920	87,296,000
2024/4	7/1/2024	0	60,234,240	0	3,491,840	0	23,569,920	87,296,000
DEP SET-ASIDES (summarized above)								
			2022 GRANT.....		TOTAL		
YEAR/FED. QTR	PAYMENT DATE	TECH ASSIST-2%	1452 (G) -10%	1452 (K)-15%	Unbanked Funds	2022 - 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	1,745,920	8,729,600	13,094,400	0	23,569,920		
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 LEAD SERVICE LINES CHART 3: PROJECTED DWSRF PROJECT LEVEL DISBURSEMENTS & SET ASIDE DISBURSEMENTS - FY 2022									
6/1/2022									
LOAN #	PROJECT NAME	EST. CONST. START DATE	ASSISTANCE AMOUNT	FYE 09/30/2022		FYE 09/30/2023			
				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)
85198	Coraopolis Water and Sewer Authority		1,117,000		1,117,000				
82234	Ford City Borough		1,343,000		1,343,000				
85197	Bellwood Borough Authority		1,569,904		1,569,904				
85199	Towanda Municipal Authority		2,234,500		2,234,500				
85200	Hastings Municipal Authority		2,054,884		2,054,884				
82235	Erie City Water Authority		6,500,000		6,500,000				
82232	Bradford City Water Authority		8,520,000		8,520,000				
82231	The Municipal Authority of the Borough of Greenville		3,816,220		3,816,220				
85205	Pittsburgh Water and Sewer Authority		4,706,512		4,706,512				
85206	The Municipal Authority of the Borough of Edgeworth		645,000		645,000				
85203	Municipal Water Authority of Aliquippa		3,129,000		3,129,000				
85214	Bedford Borough Municipal Authority		1,203,642		1,203,642				
85215	Bellwood Borough Authority		1,157,062		1,157,062				
85208	Ebensburg Municipal Authority		2,771,375		2,771,375				
85210	Hastings Municipal Authority		676,240		676,240				
85212	Nanty Glo Water Authority		2,242,000		2,242,000				
85207	Rimersburg Borough Municipal Authority		999,985		999,985				
85216	Pottstown Borough Authority		6,072,000		6,072,000				
85213	The Municipal Authority of the Borough of Minersville		2,745,100		2,745,100				
85220	Youngsville Borough		534,000		534,000				
85221	Curryville Water Authority Interconnection and Water Tank Rehabilitation		2,389,000		2,389,000				
pend	Erie City Water Authority		3,807,816		3,807,816				
	PROJECT TOTAL		60,234,240		60,234,240				
	CUM PROJECT TOTAL				60,234,240				
	FY PROJECT TOTALS				60,234,240				
SET-ASIDE DISBURSEMENTS:									
		MAXIMUM:	REQUEST:						
	Unbanked Funds								
	ADMIN 4%	3,491,840	3,491,840		3,491,840				
	TECH. 2%	1,745,920	1,745,920		1,745,920				
	1452(G)(2) - 10%	8,729,600	8,729,600		8,729,600				
	1452(K) - 15%	13,094,400	13,094,400		13,094,400				
	SET-ASIDE TOTAL	27,061,760	27,061,760		27,061,760				
	CUM SET-ASIDE TOTAL				27,061,760				
	FY SET-ASIDE TOTALS				27,061,760				
	COMBINED TOTAL		87,296,001		87,296,001				
	CUM COMBINED TOTAL		87,296,001		87,296,001				
	FY COMBINED TOTAL				87,296,001				
			TOTAL PROJ		60,234,240				
			FED PROJ DISB		60,234,240				

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
82402	Somerset Borough Municipal Authority1	The drinking water distribution system is old and breaks and leaks are frequent. Unaccounted-for water loss is in excess of 30%. Due to the high water loss current energy demands of the system are inefficient and excessive to produce a reliable water supply. Lead is present in the transmission lines, distribution lines, water meters, and valves. The project also includes improvements to the Shaffer Run Water Treatment Plant so that the antiquated Laurel Hill Plant can be decommissioned. A one-million-gallon water storage tank will be installed, as will standby generators at five nearby locations, and two solar panels to reduce energy demand. Approximately 40,000 feet of water line and 554 water meters will be replaced. Work to address lead in the system will include up to 3,000 feet of lead-jointed cast iron pipe, and 509 services and 476 pre-lead ban meters that have lead connections or lead-containing brass components. This is an existing system and serves 2,445 residential customers with a population of 6,355. The replacement of aged water lines, as well as lead-containing components throughout the system, will reduce leakage and subsequent boil water advisories, and eliminate lead in the community's water supply.
BIL General Supplemental DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
82238	Redbank Valley Municipal Authority	The Authority's distribution system has a documented unaccounted-for water loss of 44 %. Half of the aged, residential service meters investigated were not registering accurately and estimated to account for 25 percent of that water loss. The system's 1,088 service meters are at the end of useful life and contain lead components. The project proposes to replace 1,088 aged and inaccurate, lead-containing service meter connections. The replacement of lead-containing service meters will eliminate the risk of lead exposure to customers. Unaccounted-for water loss will be reduced significantly when the existing, aged service meters are replaced. New service meters will improve and more accurately record water conservation in the communities served. This existing system serves 930 residential customers with a population of 2,028 in five municipalities.

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
82237	Alexandria Borough Water Authority	<p>The current system has reached the end of useful life. System issues include: leaking due to deteriorated piping, low hydrant flows, un-looped pipelines, dirty water complaints, inadequate water circulation, line breaks, service outages, water quality issues, and unreliable water supply for customers. Installation of approximately 40,000 feet of 6-inch, 8-inch, and 12-inch waterline, 55 fire hydrants, 75 shutoff/gate valves, 395 water meter replacements, a new water storage tank, rehabilitation to an existing water storage tank, a new system control valve vault, two membrane skid rehabilitations, valve and actuator replacements, new chemical feed systems, a new pre-strainer on the raw waterline, electrical and supervisory control and data acquisition upgrades. The project will replace treatment equipment and waterlines that have reached the end of useful life.</p> <p>Replacement of aging lines will eliminate significant water loss and increase water reliability to the communities served by the system. The project will replace equipment before it causes compliance issues. ACCO Brands is the largest employer in the Alexandria Borough Water Authority service area. ACCO Brands purchases bulk paper to produce various paper related products. The manufacturing facility requires a high demand for water that supplies cooling towers, a humidification system, and a critical fire suppression system. Additionally, one of the printing techniques utilized at this facility requires a reliable and clean water supply. While the demand for water is currently being met, service reliability has been an issue at times due to waterline breaks in the aging waterline infrastructure, which this project seeks to replace. This results in stopped production until the water system is repaired. The improvements proposed by this project would help ensure a reliable water supply to ACCO Brands that provides consistent operation and the retention of their 350 employees. This system serves 376 residential customers.</p>
82236	Linesville Borough - West Erie Street Lead Line Abatement	<p>The system contains lead joint water mains and lead service line connections. Approximately 2,300 feet of 4-inch galvanized waterlines on West Erie Street, from the Penn Street intersection west to the Borough line, were constructed in the early 1900's. The identified areas of the distribution system that contain lead components have a history of breaks and severe tuberculation. These waterlines contain lead joints and lead goosenecks. Approximately 2,300 feet of existing 4-inch cast iron lines containing lead joints will be replaced with 2,320 feet of new 8-inch plastic pipe, to be installed under the current sidewalk due to utility conflicts and to keep the existing line in service during construction. Also to be replaced are 24 service connections on the Borough side of the curb stop, two lead-contaminated fire hydrants, all curb stops, and any residential lead lines discovered during construction. Two dead-end lines will be connected to form a loop. This system serves 467 residential customers. The replacement of the portions of the water distribution system that contain leaks and lead components will improve the quality of water to the area served and eliminate the risk of user lead exposure.</p>

CHART 5 - BENEFITS 2022		
6/1/2022		
		Base DWSRF Grant Project Descriptions
LOAN #	PROJECT_TITLE	BENEFITS
82233	Knox Twp MA - Water Treatment Plant and System Upgrades Project	<p>The water treatment plant is over 25 years old and is experiencing deterioration. The existing plant lacks a generator of its own, and the Knox Township Volunteer Fire Company's generator is used currently in the event of an emergency. While the treatment plant is still operational, it is becoming increasingly difficult to maintain compliance, with the existing equipment reaching the end of service life. The standpipe experiences temperature stratification up to twenty degrees, which may lead to water quality issues, such as loss of chlorine residual and tank freezing. The existing softener units do not function properly, and many parts for the manganese green sand filters and softeners are no longer manufactured. Other upgrades to the electrical and internal plumbing components are also necessary. Much of the electrical wiring is located within the block walls, making repairs and upgrades difficult. Additionally, the plumbing for the sink is also located within the block walls, and some sections freeze during extreme cold periods. The heating unit for the treatment plant is also unreliable and fails frequently. The service meters are old and produce incorrect readings due to on-going leakage. The project entails replacing the existing water treatment plant in its entirety, installing a tank mixer, and upgrading the water distribution system to include the installation of meter pits and curb stops, as well as the replacement of meters and several water service lines, from the main line to the property lines. A new masonry building will be constructed adjacent to the existing water treatment plant. The new treatment facility will have a separate chemical room with a welded, steel factory-built package treatment system, including chemical feed system equipment, manganese greensand filters, water softeners, valves, piping, grating floor drains, and appurtenances. A new 2-inch raw water supply line will be installed from wells to the new treatment plant, and chemicals will be injected into the new supply line before the line enters the new treatment room. The project will serve 89 households.</p>

CHART 5 - BENEFITS 2022		
6/1/2022		
		Base DWSRF Grant Project Descriptions
LOAN #	PROJECT_TITLE	BENEFITS
82230	Southwest Warren County Municipal Authority Water System Upgrades	<p>On August 21, 2020, the Pennsylvania Department of Environmental Protection entered a Consent Order and Agreement with the Authority to solve compliance issues related to insufficient chlorine contact time required for logging Giardia inactivation, and the lack of recording equipment necessary to monitor free chlorine levels at the entry point of and throughout the distribution system. The system has also had ongoing problems with elevated levels of disinfection by-product. Three sand filter bays did not meet the standard requirements for a slow sand filtration water treatment plant. Additionally, a section of the distribution system, along Elm Street in Tidioute Borough, consists of antiquated (circa 1900) cast iron waterlines that are failing and contain lead components. The project includes the installation of a 40,600-gallon precast, concrete tank and 188 feet of 8-inch plastic pipe to provide the necessary volume for adequate chlorine contact time and enable the required timing for Giardia inactivation to be logged. A prefabricated, fiberglass building will be installed to house equipment that will be able to monitor chlorine levels continuously at the entry point. The project also includes three additional gate valves, connections to existing piping at two places, related electrical and control system modifications, and other minor plant modifications. Additionally, approximately 1,250 feet of water distribution pipe on Elm Street will be replaced to eliminate all lead components including nine service connections, goosenecks, bell housings, valving, meters, gate valves, and fire hydrant assemblies; nine new service line installations, including new curb boxes and curb stops; and, connections to the existing distribution system at three places. This system serves 422 residential customers.</p>
85196	Ligonier Twp MA - Water System Improvements	<p>Ligonier Township Municipal Authority's distribution system experiences low pressure in specific areas and has an unaccounted-for water percentage of approximately 40 percent, due to the age of the system and leaking water lines. The project includes installation of a 250,000-gallon water tank and five pressure boosting stations; approximately 21,000 feet of water line replacement/restoration; expansion of the treatment building; and replacement of the access bridge to the treatment plant, which is in disrepair and is the only access point. An additional 12,000 feet of water line restoration could also be addressed, if favorable bids can accommodate the additional work. This is an existing system and serves 1,416 residential customers with a population of 3,950.</p>
85211	Hollidaysburg BA - Leaded Joint Cast Iron Pipe Waterline Replacement Project	<p>Portions of the distribution system are comprised of old, deteriorating cast iron piping with leaded joints in various sections. The Authority has concerns about the potential for lead to contaminate the water supply and cause health issues for residents. Lead exposure is a public health hazard, as it causes developmental effects in fetuses, infants, and young children. Installation of approximately 8,090 feet of ductile iron water distribution main, services, and four new fire hydrants and appurtenances along Penn Street, portions of Walnut Street, Allegheny Street, Mulberry Street, and Blair Street. Any lead or galvanized service lines encountered during the removal of the lead will be replaced from the main to the home or business. This system serves 3,185 residential customers.</p>

CHART 5 - BENEFITS 2022		
6/1/2022		
		Base DWSRF Grant Project Descriptions
LOAN #	PROJECT_TITLE	BENEFITS
85218	Roaring Springs Municipal Authority - Waterline Replacement Project	The water distribution system was constructed over 100 years ago and contains sections of cast iron piping. The existing, cast iron piping contains lead joints, which represents a health risk to the community. Due to their age, the lines are failing at a very high rate and causing water loss. Replacement of approximately 12,150 feet of existing, cast iron water pipes that contain leaded joints. Additionally, water service lines will be replaced, to the right-of-way or to the structure foundation, if lead service lines are encountered. The project will also replace approximately 13 fire hydrants, 39 gate valves, and include any appurtenant items and associated restoration. This system serves 1,085 residential customers.
85219	Knox Borough - South Main & Petrolia Street Waterline Replacement Project	The system contains a cast iron main with lead joints, service connections, and components. The main is at the end of useful life and experiences frequent breaks and leaks. The project proposes to replace the lead joint pipe with 7,600 feet of 8-inch diameter plastic pipe, 106 lead service connections, 7 hydrants with lead components, and 34 main line water valves with leaded joints. This existing system serves 709 residential customers with a population of 1,468.
85217	Linesville Borough - East Erie Street Lead Line Abatement	The water distribution system, installed in the early 1900's, has cast iron mainline piping with lead-joint material and gooseneck service connections. There are currently 26 residences connected to the existing 4-inch cast iron line on East Erie Street to the intersection at Chestnut Street, and one fire hydrant with lead components. The proposed project will abandon approximately 2,040 feet of existing 4-inch lead-jointed cast iron line and replace with new 8-inch plastic pipe. The replacement pipe will be installed under the current sidewalk, due to utility conflicts and the need to keep the existing line in service during construction. All service lines on the Borough side of the curb stop, all curb stops, and one fire hydrant with lead components will be replaced. Any residential lead service lines found during the construction will also be replaced. This existing system serves 467 residential customers with a population of 1,172. The replacement of a portion of the water distribution system that leaks and has lead components will eliminate the risk of lead exposure to Borough residents.
85209	Brookville Municipal Authority - Main Street Waterline Replacement Project	A portion of the water distribution system along Main Street was installed in the early 1900's and includes aged, leaking, lead joint water pipes and fittings. The service area encompasses 62 commercial or residential lead service connections. Replacement of lead joint water distribution piping and 62 service connections and fittings along Main Street. Installation of 3,000 feet of new 12-inch diameter ductile iron water pipe and associated replacement service lines will improve the flow, pressure, and fire protection to the business district of Brookville. This existing system serves 2,385 residential customers with a population of 5,560.

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
80201	Philadelphia Lead Linear Assets Drining Water Line Replacement	The Philadelphia Water Department owns over 3,200 miles of drinking water mains in the City of Philadelphia, many of which are nearly 100 years old and prone to leaks and main breaks. The Philadelphia Water Department will replace 19.5 miles of high-risk, 100-year-old water mains. Replacement will include associated appurtenances, including hydrants and valve replacement, relay of water service to the curb stop, and surface restoration. In addition, any lead lines encountered during the project will be replaced with copper lines from the water main to the customer's meter located inside the home. This is an existing system that serves 490,000 households.
85204	Borough of Hooverville - Water System Improvements	The existing water system, owned and operated by Hooversville Borough, is currently experiencing a significant water loss percentage of roughly 55 percent throughout the entirety of the distribution system. In addition, the system has problems with the treatment of intake water from the Stonycreek River during periods of elevated turbidity. The Pennsylvania Department of Environmental Protection has identified the current water treatment plant's inability to remove waterborne pathogens and other impurities from the pressure filters. The project includes the installation of approximately 9,000 feet of transmission main and a pump station to connect to a nearby system and decommission the current treatment plant operated by the Borough of Hooversville. This is an existing system and serves 360 residential customers with a population of 900. Approximately 14,000 feet of water line, 20 fire hydrants, and 190 customer meters will also be replaced to address a 55 percent water loss.

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
85201	Glen Campbell Borough - Water System Improvements Project	<p>The Borough's water treatment plant is approximately 30 years old. The 100,000-gallon storage tank is at the end of useful life. The source water's high levels of iron, manganese, and barium must be managed. The water treatment equipment, both filters, and softener units are corroded and leaking. The original control systems for the filtration and softening treatment units are obsolete and are no longer supported by the manufacturer. Similarly, the ground well pump, pitless adapter, and distribution pumps are beyond life expectancy. The water treatment building is also in poor condition and will require maintenance. The roof and siding are deteriorating, the roof vents are no longer functioning, the doors and windows are in poor condition, and the structural integrity of the wellhouse is compromised. These corrective actions were identified in a Pennsylvania Department of Environmental Protection compliance document. The project will address the deficiencies in Glen Campbell Borough's water treatment system and ensure the long-term viability of the drinking supply. Proposed is the replacement of the water storage tank and equipment at the water treatment plant including 2 filter units, 2 softeners and brine unit, the groundwater well pump, and 2 distribution pumps. Equipment appurtenances, including associated control panels and piping, will also be installed. The proposed treatment plan design will be upgraded to an automated system for the benefit of the Borough. Building maintenance, including replacement of the electrical service supply in the treatment plant, will be necessary to ensure the upgraded system components run properly, and the longevity of the replacement equipment will be preserved in an approved environment. In addition, improvements to the water system distribution lines, consisting of a loop connection along First Avenue and a waterline extension along Rickardsale Road, will also be included in the project to serve three residential connections. These upgrades will improve water pressure and flow throughout the system, and repair waterlines that are suspected to have leakage issues along the extent of the line.</p>
85202	Freedom TWSA - Everett Road Water Project	<p>A portion of the Township is currently utilizing individual wells that are low yielding and run dry in summer months. Several of the wells have tested positive for E. coli and total coliform. The project will consist of a waterline extension to 86 new customers, which includes approximately 8,710 feet of various-sized ductile iron piping, and the installation of 13 fire hydrants, air release manholes at high points in the system, and blow off assemblies. This system serves 439 residential customers.</p>

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
pend	Hazleton City Authority 2022 Operational Upgrade Part B	<p>Greater Hazleton Area. The WTP and ancillary facilities were constructed in 1991 and system components are aging and in need or repair and rehabilitation. HCA recently conducted a Study and analysis which identified several deficiencies in overall operation and their ability to meet demand which this project attempts to address. Most notably, the existing raw water pumps at the WTP, in conjunction with the existing 24-inch raw water intake pipe and junction chamber from the Roan Reservoir, cannot supply the permitted capacity of 10 MGD to the WTP needed to meet system demand. Upgrading/replacing the existing four raw water pumps to 5 million gallons per day (MGD) pumps with variable frequency drives (VFDs) as well as constructing a new parallel 24-inch transmission/intake pipe from the Roan Reservoir to the WTP junction chamber are proposed to remedy the demand situation. To improve monitoring and control abilities, HCA proposes upgrading the SCADA system and filter/clarifier consoles, as the existing facilities are in poor condition and in need of repair and rehabilitation due to components no longer functioning effectively and some components being obsolete. HCA proposes the conversion of the existing chlorine dioxide system to include automatic controls and monitoring to enhance the pre-treatment system operation. The existing lime chemical feed system for pH control is original to the WTP and the components are significantly worn and deteriorated compromising system reliability. HCA proposes to repair/replace two old lime mixing slurry tanks, feed pumps, valves, controls, and piping to improve lime feed operation as well as cleaning the existing static mixer to remove build-up since the static mixer has not been serviced since its installation. HCA flow paces chemical feed through two streaming current detectors (SCDs) which are old, drift and react slowly to sudden changes in plant flow and require significant maintenance by plant personnel. To improve operational efficiency, HCA proposes to replace the primary SCD with a new on line (SCADA) Zeta Potential Meter to enhance flow pacing using a more direct correlation thru electron potential for efficient clarifier flocculation operation and reduce chemical usage. Lastly, HCA has identified safety issues with existing access to the caustic bulk storage tank and electrical safety issues with the existing blower motor. HCA proposes to install custom steps, railing, and a platform to address operator safety issues with bulk caustic storage access. Electrical upgrades are needed to address safety issues encountered with the blower</p>

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
pend	Haines-Arronsburg Municipal Authority Water System Improvement Project	The Authority is currently under a Consent Order and Agreement from PA DEP to upgrade its water treatment plant to resolve identified deficiencies and compliance issues. The plant has significant issues with providing an adequate quantity and quality of water, and much of the plant equipment is starting to deteriorate from age and use. The plant currently utilizes diatomaceous earth filtration. The filters are in need of frequent rebuilds which is costly to the Authority and also removes the redundancy of treatment from the plant. This project will bring a new well online allowing the system to provide a more reliable quantity of water. In addition, the Authority is in violation of its Water Allocation Permit by not allowing the required passby flow from its springs. These will be abandoned with this project. This project will involve rehabilitations and upgrades to the treatment plant, water sources, and distribution system. At the water treatment plant, two membrane microfiltration units will be installed to replace the two diatomaceous earth filtration units currently in use. Well No. 8 will be the new well brought online with this project. In addition, the springs will be abandoned since they are not meeting the requirements of the Water Allocation Permit. The finished water transmission main includes 2,250 feet of 6-inch water main from the plant to prior to the first customer. To dispose of backwash water generated at the plant, an EPA Class V Injection Well will be constructed near the site of Well No. 8. To accommodate this, 1,500 feet of 4-inch gravity main will be installed.
BIL Emerging Contaminants DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
pending	PFAs Susquehanna Area Reg. Airport Authority - Water Treatment Plant and Well Upgrades	Elevated levels of polyfluoroalkyl substances (PFAS) have been identified in the Authority's drinking water supply. This impacts the ability of the Authority to provide safe drinking water in compliance with the Environmental Protection Agency's health advisory levels to the 55 active commercial and industrial connections to the Harrisburg International Airport (HIA) water treatment supply system. The project includes the installation of a new granulated activated carbon system to treat the emerging contaminant levels of polyfluoroalkyl substances (PFAS) found in the Harrisburg International Airport's drinking water system. Significant upgrades will be made to the pumps, well, and building infrastructure to ensure reliability of the new filtration system. This system serves 55 commercial and industrial customers.
pending	PA Water Company - Frackville Division	Perfluoroalkyl substances have been detected in the raw water supply for the PA American Water Company at their Frackville area facility. The detected amount is below the current Environmental Protection Agency Health Advisory level. The project will removal residual levels of PFAs from the water source
pending	Saegertown Borough	Perfluoroalkyl substances have been detected in the raw water supply for Saegertown Borough. The detected amount is below the current Environmental Protection Agency Health Advisory level. The project is currently under the planning phase.
BIL Lead Service Lines DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
85198	Coraopolis Water and Sewer Authority - 2021 Lead Joint Waterline Replacement Project	Coraopolis Water and Sewer Authority has distribution lines in its water system that are constructed with leaded joints as well as an estimated 44 leaded-brass water service meters. This lead infrastructure poses a potential health concern if the lead were to leach into the drinking water. Coraopolis Water and Sewer Authority plans to replace approximately 2,200 feet of leaded-joint distribution pipe and any associated valves, as well as 44 leaded-brass service meters. This is an existing system and serves 2,309 residential customers with a population of 5,804.
82234	Ford City Borough - 5th Avenue & 17th Street Waterline Replacement Project	The system contains lead joint water mains and lead service line connections. The project will replace approximately 2,650 feet of water main with lead joints along the 5th Avenue area between 14th and 17th Streets, 100 feet of valve cluster piping containing lead, all lead gooseneck service line connections, and five fire hydrants. This system serves 1,326 residential customers.
85197	Bellwood BA - Lead/Cast Iron Water Distribution Main Replacement	The Authority's water service lines include an old cast iron/lead water main in the distribution system that is over one hundred years old with leaded joints and leaded gooseneck services. Lead exposure is a public health hazard as it causes developmental effects in fetuses, infants, and young children. It also has other health effects in adults. The Environmental Protection Agency established the Lead and Copper Rule (LCR) to protect public health and reduce exposure to lead and copper in drinking water. This project will bring the project area into compliance with the LCR. The project will include the removal and replacement of up to 4,000 feet of existing cast iron/lead water main along State Route 865. Any lead or galvanized service lines encountered during the removal of the lead will be replaced from the main to the home or business. This system serves 1,163 residential customers.
85199	Towanda Municipal Authority - Monroe Water Line Replacement Project	The Monroe Borough section of Towanda Municipal Authority's water system was installed in the early 1900's and consists of lead-containing materials. The project will remove approximately 7,600 feet of existing 10-inch and 6-inch diameter lead-containing cast iron pipe and associated service connections, and replace them with 10-inch and 8-inch diameter ductile iron pipe and modern, lead-free service connections and laterals. This existing system serves 1,941 residential customers, and the project will impact approximately 200 residential customers in Monroe Borough.
85200	Hastings MA - Spangler St & 3rd Ave. Water Line Replacement	Several sections of the Authority's distribution system are comprised of old, cast iron piping with leaded joints, which is estimated to be more than one hundred years old. This is a potential health concern due to the lead that exists, as well as the leaks that occur within the lines. In addition to residential customers, the lines to be replaced also serve a hospital and dialysis clinic. Hastings Municipal Authority plans to replace approximately 6,200 feet of old cast iron water pipe with leaded joints along 3rd Avenue and Spangler Street. Associated equipment, such as 10 fire hydrants that are attached to the lines and any service lines that connect to the piping, will also be replaced to eliminate leaking issues when reconnected. It is not expected that any lead service lines will be discovered during the project; however, if any are encountered, they will also be replaced. This is an existing system and serves 654 residential customers with a population of 2,100.

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
82235	Erie City Water Authority - Lead Service Line Replacement Project	The City of Erie Water Authority has approximately 9,000 wrought iron service connections within its distribution system located in the City of Erie, Lawrence Park Township, Millcreek Township, and Wesleyville Borough. These wrought iron service connections are connected to the water main by a lead gooseneck between the corporation stop and the curb stop on the utility-owned or public side. The customer-owned or private side of the service line most likely contains wrought iron with threaded joints and not lead. Although the Authority maintains an effective corrosion control program and has maintained compliance with the Environmental Protection Agency's Lead and Copper Rule, the presence of these lead goosenecks within the system represents a potential threat to public health. Permanently removing the lead goosenecks from the system will help to alleviate this threat. The replacement of the wrought iron service connections that contain corroded, leaking pipes, in addition to replacing all lead goosenecks, would eliminate the actual and potential sources of leaks and water loss. The replacement of the wrought iron service connections that contain corroded, leaking pipes, in addition to replacing all lead goosenecks, would eliminate the actual and potential sources of leaks and water loss.
82231	Greenville Borough Municipal Authority - Phase 1	The project is a proactive effort to replace known/suspected lead service lines, cast iron pipe with leaded joints, and other lead components in the distribution system. Replacement of these components is necessary to: protect public health, address problems with aging infrastructure, prevent water quality concerns and pipe breaks, prevent disruption of service to customers, and make the water distribution system more resilient over time. This project will replace 9,600 feet of water main along ten individual streets, and 130 (65%) of the 198 known/suspected lead service lines in the distribution system. The water lines to be replaced are made of cast iron and contain leaded joints and other leaded components. The project also proposes to replace seven hydrants containing lead. This system serves 2,454 residential customers.
85205	Pittsburgh Water & Sewer Authority - 2021 LSLR Project	The Pittsburgh Water and Sewer Authority's (PWSA) current system contains lead service lines that increase the risk of lead exposure to its customers. This project is a continuation of PWSA's ongoing lead replacement effort, after a sampling revealed an exceedance of lead. This project will replace 200 public and 167 private lead service lines in the Pittsburgh Water and Sewer Authority's distribution system. This is an existing system and serves 70,481 residential customers with a population of 301,048.
85206	The Municipal Authority of the Borough of Edgeworth - Lead Service Line Replacement	Lead is present throughout the service lines in The Municipal Authority of the Borough of Edgeworth's water system, which could potentially contribute to lead being detected in the system's drinking water. The scope of this project includes the replacement of 75 existing, lead-containing water service lines, in both Authority-owned and residential portions. This is an existing system and serves 2,150 residential customers with a population of 5,375.
85203	Municipal Water Authority of Aliquippa - Lead Service Line Replacement Phase II	Lead service lines are present in the Municipal Water Authority of Aliquippa's system. The removal of lead lines in the system has become a priority since a sampling exceeded an action level for lead in the first half of 2020. The scope of this project includes the replacement of 275 existing lead water service lines from the main line to curb box, as well as any associated lead service lines on the customer side, with 3/4-inch copper pipe. This is an existing system and serves 6,652 residential customers with a population of 15,390.

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
85214	Municipal Authority of the Borough of Bedford - Leaded Joint Cast Iron Water Main Replacement	Portions of the Authority's distribution system is comprised of old, cast iron piping with leaded joints and leaded goosenecks. The Authority has concerns over the potential for lead to contaminate the water supply and cause health issues with residents. Lead exposure is a public health hazard as it causes developmental effects in fetuses, infants, and young children. Installation of approximately 4,280 feet of water main, lateral services, four fire hydrants and appurtenances along King Street, Preston Street, Fyan Lane, Green Lane, and Walnut Street. This system serves 1,950 residential customers.
85215	Bellwood BA - SR 865 Leaded Joint Waterline Replacement Project -Phase 2	The Authority's water service lines consists of a cast iron/lead water main that is over 100 years old and has leaded joints and leaded gooseneck services. Lead exposure is a public health hazard as it causes developmental effects in fetuses, infants, and young children. It also has other health effects in adults. The Environmental Protection Agency established the Lead and Copper Rule (LCR) to protect public health and reduce exposure to lead and copper in drinking water. This project will bring the project area into compliance with the LCR. Removal and replacement of approximately 3,015 feet of ductile iron water main, four new fire hydrants, and all other necessary appurtenances. Any lead or galvanized service lines encountered during the removal of the lead will be replaced from the main to the home or business. This system serves 1,163 residential customers.
85208	Ebensburg MA - High Street Waterline Replacement	The Authority's distribution system is comprised of old, cast iron piping with leaded joints and leaded gooseneck services in several sections throughout the system. This project proposes to replace 4,140 feet of lead-jointed, cast iron piping along with associated curb boxes and lead gooseneck service lines. This is an existing system and serves 1,918 residential customers with a population of 6,000.
85210	Hastings MA - Kirkpatrick St & 6th Ave Waterline Replacement Project -Phase 2	Several sections of the Authority's distribution system are comprised of old, cast iron pipes with leaded joints, which are estimated to be more than 100 years old. This is a potential health concern for residents due to the lead material, as well as the frequent leaks, that exist in the water lines. Hastings Municipal Authority plans to replace approximately 1,840 feet of old, cast iron water main pipes containing leaded joints along sections of Kirkpatrick Street and Spangler Avenue. If leaded gooseneck service connections are encountered within the project area, as expected, those service lines will also be replaced. This is an existing system and serves 654 residential customers with a population of 2,100.
85212	Nanty Glo Water Authority - CIP Waterline Replacement Project	Nanty Glo Water Authority's distribution system was installed in the early 1900s, and several sections of the system are comprised of lead-containing materials. Removal of approximately 6,600 feet of cast iron distribution main with leaded joints and replacement with new ductile iron water main. Leaded gooseneck service connections and lead-containing fire hydrants will also be removed and replaced with lead-free ones. This existing system serves 1,317 residential customers, and the project will impact approximately 984 households in Nanty Glo Borough.
85207	Rimersburg Borough Municipal Authority Lead Line Replacement Project	The existing water distribution system has cast iron water lines with lead joints and lead gooseneck connections which are deteriorating and near the end of useful life. The project includes the replacement of approximately 1,900 feet of 4-inch lead-jointed, cast iron water mains with 8-inch and 12-inch plastic water mains. The project area will begin at the intersection of Chestnut and Cherry Run Streets, extend to the intersection of Cherry Run and Main Streets, continue north to the Main Street and Mill Alley intersection, and will also connect to the intersections at Eccles and Lawsonham Streets and at Eccles Street and Mill Alley. This existing system serves 761 residential customers with a population of 1,789.

CHART 5 - BENEFITS 2022		
6/1/2022		
Base DWSRF Grant Project Descriptions		
LOAN #	PROJECT_TITLE	BENEFITS
85216	Pottstown Borough Authority 2021 Lead Service Replacement Project	Properties constructed prior to 1955, in the northern section of the Borough of Pottstown, have lead service lines and cast iron pipes with lead joints. The Pottstown Borough Authority is proposing to replace approximately 700 lead service lines and associated appurtenances that contain lead. This is an existing system serving 14,431 households.
85213	Minersville Lead Line Relacement Project	Aging, cast iron water mains may contain lead joints based on past repairs conducted in the area. Removal and replacement of the water mains with lead joints, and the service lines which do not meet today's standards for lead-free fittings, is necessary in order to ensure continued compliance with the Environmental Protection Agency's Lead and Copper Rule, Title 25, Chapter 109, Subchapter K. Replacement of approximately 6,500 feet of 6-inch to 8-inch cast iron water mains in the Borough of Minersville, and approximately 150 existing service lines and associated appurtenances, shut-offs, and valves that contain lead or lead fittings. Dual mains are proposed for North Street to improve system functionality, avoid utility conflicts, limit restoration, and shorten customer service lines. This is an existing system that serves 2,647 households.
85220	Youngsville Borough - Lead Line Removal	A portion of the water distribution main, in Youngsville Borough along North Main Street, has lead components including 65 lead gooseneck service connections, and has a history of leakage. The project will replace 65 lead service connections along North Main Street and remove lead components from a portion of the distribution system, eliminating a potential contaminant source and improving system function. This existing system serves 791 residential customers with a population of 1,990 .
85221	Curryville Water Authority Interconnection and Water Tank Rehabilitation	The Curryville Water Authority's existing well is impacted by the agricultural industry and experiences high levels of nitrates. The system has reached the end of useful life and has become costly to maintain. he project will decommission a well, diameter loops, and nitrate treatment. Existing chlorine monitoring and treatment will be repurposed to add a booster injection. Installation of approximately 7,500 feet of 8-inch water line connection to Martinsburg Municipal Authority and necessary appurtenances will occur. The existing storage tank would remain and be repainted as part of the project. This system serves 63 residential customers.
pending	Erie City Water Authority - Lead Srvice Line Replacement Project Phase 2	The City of Erie Water Authority has approximately 9,000 wrought iron service connections within its distribution system located in the City of Erie, Lawrence Park Township, Millcreek Township, and Wesleyville Borough. These wrought iron service connections are connected to the water main by a lead gooseneck between the corporation stop and the curb stop on the utility-owned or public side. The customer-owned or private side of the service line most likely contains wrought iron with threaded joints and not lead. Although the Authority maintains an effective corrosion control program and has maintained compliance with the Environmental Protection Agency's Lead and Copper Rule, the presence of these lead goosenecks within the system represents a potential threat to public health. Permanently removing the lead goosenecks from the system will help to alleviate this threat. The replacement of the wrought iron service connections that contain corroded, leaking pipes, in addition to replacing all lead goosenecks, would eliminate the actual and potential sources of leaks and water loss. The replacement of the wrought iron service connections that contain corroded, leaking pipes, in addition to replacing all lead goosenecks, would eliminate the actual and potential sources of leaks and water loss. This project will replace 1,400 lead service lines at an estimated cost of \$7 million.

DWSRF INTENDED USE PLAN - Sources and Uses 2022 - ALL FUNDS									
6/1/2022									
LOAN #	PROJECT NAME	ASSISTANCE AMOUNT	APPROVAL DATE	LOAN TO BE REPAYED	PRINC FORGIVENESS	STATUS	SETTLEMENT DATE	NOTES	
SOURCES:									
	AWARDED SDW FUNDS (awarded through 2021)	732,614,793.00							
	STATE MATCH (through 2021 grant)	146,356,728.00							
	STATE CONTRIBUTION IN EXCESS OF MATCH	191,719.00							
	ARRA DWSRF GRANT (awarded)	44,006,270.00							
	BIL TOTAL (Appropriation FFY 2022-2023)	165,963,000.00							
	GENERAL SUPPLEMENTAL	55,403,000.00							
	LEAD SERVICE LINE REPLACEMENT	87,296,000.00							
	EMERGING CONTAMINANTS	23,264,000.00							
	BIL STATE MATCH REQUIREMENT	5,540,300.00							
	BIL EMERGING CONTAMINANTS TRANSFER FROM CW TO DW	0.00							
	** 2022 CAP GRANT - APPLICATION	21,577,000.00							
	** 2022 CAP GRANT STATE MATCH- APPLICATION	4,315,400.00							
	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 03/31/2022)	\$707,304,102.00							
	SOURCE TOTAL:	1,995,974,756.00							
USES:									
	Reserve to transfer to CWSRF or later reallocate	440,000.00							
	TRANSFER DWSRF TO CWSRF	20,000,000.00							
	2022 ADMINISTRATION (4%)	863,080.00							
	2022 TECHNICAL ASSISTANCE (2%)	431,540.00							
	2022 1452(G)(2) - (10%)	2,157,700.00							
	2022 1452(K) - (15%)	3,236,550.00							
	ADMINISTRATION (4%) (awarded through 2021)	29,099,676.00							
	TECHNICAL ASSISTANCE (2%) (awarded through 2021)	12,234,048.35							
	1452(G)(2) - (10%) (awarded through 2021)	58,411,645.63							
	1452(K) - (15%) (awarded through 2021)	77,169,466.49							
	BIL 4% SET-ASIDE (FY 2022)	6,638,520.00							
	BIL 2% SET-ASIDE (FY 2022)	3,319,260.00							
	BIL 10% SET-ASIDE (FY 2022)	16,596,300.00							
	BIL 15% SET-ASIDE (FY 2022)	24,894,450.00							
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							
85198	Coraopolis Water and Sewer Authority	\$ 1,117,000.00	23-Jul-21	\$ -	\$ 1,117,000.00	Disbursement	3/17/2022	BIL LSL	
82234	Ford City Borough	\$ 1,679,524.00	23-Jul-21	\$ -	\$ 1,343,000.00	Disbursement	9/28/2021	BIL LSL	
85197	Bellwood Borough Authority	\$ 1,569,904.00	23-Jul-21	\$ -	\$ 1,569,904.00	Disbursement	3/8/2022	BIL LSL	
85199	Towanda Municipal Authority	\$ 2,234,500.00	23-Jul-21	\$ -	\$ 2,234,500.00	Disbursement	1/20/2022	BIL LSL	
85200	Hastings Municipal Authority	\$ 2,054,884.00	23-Jul-21	\$ -	\$ 2,054,884.00	Disbursement	2/17/2022	BIL LSL	
82235	Erie City Water Authority	\$ 6,500,000.00	23-Jul-21	\$ -	\$ 6,500,000.00	Disbursement	3/29/2022	BIL LSL	
82232	Bradford City Water Authority	\$ 8,520,000.00	23-Jul-21	\$ -	\$ 8,520,000.00	Disbursement	3/22/2022	BIL LSL	
82231	The Municipal Authority of the Borough of Greenville	\$ 4,059,160.00	23-Jul-21	\$ -	\$ 3,816,220.00	Disbursement	2/8/2022	BIL LSL	
85205	Pittsburgh Water and Sewer Authority	\$ 4,706,512.00	20-Oct-21	\$ 1,830,833.00	\$ 618,784.00	Disbursement	3/10/2022	BIL LSL	
85206	The Municipal Authority of the Borough of Edgeworth	\$ 645,000.00	20-Oct-21	\$ 250,905.00	\$ 394,095.00	Loan Closing	10/20/2022	BIL LSL	
85203	Municipal Water Authority of Aliquippa	\$ 3,129,000.00	20-Oct-21	\$ 1,217,181.00	\$ 1,911,819.00	Loan Closing	10/20/2022	BIL LSL	
85214	Bedford Borough Municipal Authority	\$ 1,447,500.00	20-Oct-21	\$ 563,077.00	\$ 640,565.00	Disbursement	3/9/2022	BIL LSL	
85215	Bellwood Borough Authority	\$ 1,157,062.00	20-Oct-21	\$ 450,097.00	\$ 706,965.00	Disbursement	3/8/2022	BIL LSL	
85208	Ebensburg Municipal Authority	\$ 2,771,375.00	20-Oct-21	\$ 1,505,765.00	\$ 1,265,610.00	Loan Closing	10/20/2022	BIL LSL	
85210	Hastings Municipal Authority	\$ 676,240.00	20-Oct-21	\$ 263,057.00	\$ 413,183.00	Disbursement	2/17/2022	BIL LSL	
85212	Nanty Glo Water Authority	\$ 2,242,000.00	20-Oct-21	\$ 872,138.00	\$ 1,369,862.00	Disbursement	4/27/2022	BIL LSL	
85207	Rimersburg Borough Municipal Authority	\$ 999,985.00	20-Oct-21	\$ 388,994.17	\$ 610,990.84	Loan Closing	10/20/2022	BIL LSL	
85216	Pottstown Borough Authority	\$ 6,072,000.00	20-Oct-21	\$ 2,362,008.00	\$ 3,709,992.00	Loan Closing	10/20/2022	BIL LSL	
85213	The Municipal Authority of the Borough of Minersville	\$ 2,745,100.00	20-Oct-21	\$ 1,067,843.90	\$ 1,677,256.10	Loan Closing	10/20/2022	BIL LSL	
85220	Youngsville Borough	\$ 534,000.00	20-Oct-21	\$ 411,800.00	\$ 122,200.00	Loan Closing	10/20/2022	BIL LSL	
	Curryville Water Authority Interconnection and Water Tank								
85221	Rehabilitation	\$ 2,389,000.00	19-Jan-22	\$ 210,790.00	\$ 2,178,210.00	Loan Closing	1/19/2023	BIL LSL	
	pending Erie City Water Authority	\$ 7,000,000.00	19-Oct-22	\$ 7,000,000.00	\$ -	pending approval	10/19/2023	BIL LSL	
82236	Linesville Borough	\$ 775,994.00	23-Jul-21	\$ -	\$ 775,994.00	Disbursement	1/5/2022	BASE + BIL SUPPLEMENTAL	
85201	Borough of Glen Campbell	\$ 1,111,000.00	23-Jul-21	\$ 187,384.00	\$ 923,616.00	Disbursement	12/21/2021	BASE + BIL SUPPLEMENTAL	

82233	Knox Township Municipal Authority	\$	3,320,997.00	23-Jul-21	\$	483,372.00	\$	2,837,625.00	Loan Closing	7/23/2022	BASE + BIL SUPPLEMENTAL			
82230	Southwest Warren County Municipal Authority (Split funding offer)	\$	1,043,000.00	23-Jul-21	\$	731,400.00	\$	276,600.00	Disbursement	10/12/2021	BASE + BIL SUPPLEMENTAL			
85196	Ligonier Township Municipal Authority	\$	5,525,000.00	23-Jul-21	\$	5,525,000.00	\$	-	Loan Closing	7/23/2022	BASE + BIL SUPPLEMENTAL			
85211	Hollidaysburg Borough Authority	\$	2,920,487.00	20-Oct-21	\$	1,395,900.00	\$	1,524,587.00	Disbursement	4/27/2022	BASE + BIL SUPPLEMENTAL			
85218	Roaring Spring Municipal Authority	\$	3,050,000.00	20-Oct-21	\$	1,186,450.00	\$	1,863,550.00	Loan Closing	10/20/2022	BASE + BIL SUPPLEMENTAL			
82238	Redbank Valley Municipal Authority	\$	830,800.00	20-Oct-21	\$	56,369.00	\$	774,431.00	Loan Closing	10/20/2022	BASE + BIL SUPPLEMENTAL			
85219	Knox Borough	\$	2,420,000.00	20-Oct-21	\$	785,335.00	\$	1,233,520.00	Loan Closing	2/15/2022	BASE + BIL SUPPLEMENTAL			Listed on 2022 Application
85217	Linesville Borough	\$	917,253.00	20-Oct-21	\$	356,812.00	\$	560,441.00	Loan Closing	3/31/2022	BASE + BIL SUPPLEMENTAL			
82237	Alexandria Borough Water Authority	\$	9,450,000.00	20-Oct-21	\$	4,419,285.00	\$	5,030,715.00	Disbursement	5/10/2022	BASE + BIL SUPPLEMENTAL			
85209	Brookville Municipal Authority	\$	1,950,000.00	20-Oct-21	\$	758,550.00	\$	1,191,450.00	Disbursement	4/7/2022	BASE + BIL SUPPLEMENTAL			
80201	City of Philadelphia	\$	40,355,602.00	20-Oct-21	\$	40,355,602.00	\$	-	Loan Closing	10/20/2022	BASE + BIL SUPPLEMENTAL			
85204	The Borough of Hooversville	\$	4,636,000.00	20-Oct-21	\$	-	\$	4,636,000.00	Disbursement	3/30/2022	BASE + BIL SUPPLEMENTAL			
82402	Somerset Borough Municipal Authority	\$	20,000,000.00	20-Oct-21	\$	14,595,231.00	\$	5,404,769.00	Loan Closing	10/20/2022	BASE + BIL SUPPLEMENTAL			
85202	Freedom Township Water and Sewer Authority	\$	1,750,282.00	23-Jul-21	\$	477,850.00	\$	1,272,432.00	Disbursement	1/26/2022	BASE + BIL SUPPLEMENTAL			
82239	Hazleton City Authority SR 940 Upgrade Project	\$	19,835,000.00	19-Jan-22	\$	19,835,000.00	\$	-	Loan Closing	1/19/2023	BASE + BIL SUPPLEMENTAL			
85223	Philadelphia Baxter Clearwell Basin	\$	125,000,000.00	20-Apr-22	\$	125,000,000.00	\$	-	Loan Closing	4/20/2023	BASE + BIL SUPPLEMENTAL			
85222	Capital Region Water - Drinking Water System Improvements Programmatic Financing (Pro-Fi)	\$	41,622,000.00	20-Apr-22	\$	41,622,000.00	\$	-	Loan Closing	4/20/2023	BASE + BIL SUPPLEMENTAL			
82240	Hazleton City Authority 2022 Operational Upgrade Part "A"	\$	3,300,000.00	20-Apr-22	\$	3,300,000.00	\$	-	Loan Closing	4/20/2023	BASE + BIL SUPPLEMENTAL			
pending	Haines-Aaronsburg Municipal Authority Water System Improvement Project	\$	5,933,200.00	App Submitted for 7/20/22	Board Mtg.	\$	5,933,200.00	\$	-	Pending Approval	7/20/2023	BASE + BIL SUPPLEMENTAL		
pending	Hazleton City Authority 2022 Operational Upgrade Part "B"	\$	3,500,000.00	App Submitted for 7/20/22	Board Mtg.	\$	3,500,000.00	\$	-	Pending Approval	7/20/2023	BASE + BIL SUPPLEMENTAL		
pending	Pittsburgh Water and Sewer Authority - WIFIA/PRO-FI PFAs Susquehanna Area Reg. Airport Authority - Water Treatment Plant and Well Upgrades	\$	209,005,329.00	App Submitted for 7/20/22	Board Mtg.	\$	209,005,329.00	\$	-	Pending Approval	7/20/2023	BASE + BIL SUPPLEMENTAL		
pending	PA Water Company - Frackville Division	\$	6,708,809.00	26-May-22	\$	-	\$	6,708,809.00	Pending Approval	5/26/2023	BIL EC			
pending	Saegertown Borough	\$	12,000,000.00	19-Oct-22	\$	-	\$	12,000,000.00	Pending Approval	10/19/2023	BIL EC			
pending	Aqua Pennsylvania - Hatboro	\$	3,900,000.00	19-Oct-22	\$	-	\$	3,900,000.00	Pending Approval	10/19/2023	BIL EC			
	TOTALS		2,335,842,907.90			1,820,816,434.74		243,101,771.60						
			-7,500,000.00						Small Project Initiative (SPI) DW Allocation					
	NET REVENUE:		-347,368,151.90						To fund future projects					

DWSRF INTENDED USE PLAN - Sources and Uses 2022 - ALL FUNDS				
	6/1/2022			
LOAN #	PROJECT NAME	ASSISTANCE AMOUNT	EST. BINDING COMMITMENT	NOTES
SOURCES:				
	AWARDED SDW FUNDS (awarded through 2021)	732,614,793.00		
	STATE MATCH (through 2021 grant)	146,356,728.00		
	STATE CONTRIBUTION IN EXCESS OF MATCH	191,719.00		
	ARRA DWSRF GRANT (awarded)	44,006,270.00		
	BIL TOTAL (Appropriation FFY 2022-2023)	165,963,000.00		
	GENERAL SUPPLEMENTAL	55,403,000.00		
	LEAD SERVICE LINE REPLACEMENT	87,296,000.00		
	EMERGING CONTAMINANTS	23,264,000.00		
	BIL STATE MATCH REQUIREMENT	5,540,300.00		
	BIL EMERGING CONTAMINANTS TRANSFER FROM CW TO DW	0.00		
	2022 CAP GRANT - APPLICATION	21,577,000.00		
	2022 CAP GRANT STATE MATCH- APPLICATION	4,315,400.00		
	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 03/31/2022)	707,304,102.00		
SOURCE TOTAL:			1,995,974,756.00	
USES:				
	Reserve to transfer to CWSRF or later reallocate	440,000.00		
	TRANSFER DWSRF TO CWSRF	20,000,000.00		
	2022 ADMINISTRATION (4%)	863,080.00		
	2022 TECHNICAL ASSISTANCE (2%)	431,540.00		
	2022 1452(G)(2) - (10%)	2,157,700.00		
	2022 1452(K) - (15%)	3,236,550.00		
	ADMINISTRATION (4%) (awarded through 2021)	29,099,676.00		
	TECHNICAL ASSISTANCE (2%) (awarded through 2021)	12,234,048.35		
	1452(G)(2) - (10%) (awarded through 2021)	58,411,645.63		
	1452(K) - (15%) (awarded through 2021)	77,169,466.49		
	BIL 4% SET-ASIDE (FY 2022)	6,638,520.00		
	BIL 2% SET-ASIDE (FY 2022)	3,319,260.00		
	BIL 10% SET-ASIDE (FY 2022)	16,596,300.00		
	BIL 15% SET-ASIDE (FY 2022)	24,894,450.00		
NOTE:	2005 1452(K) - (15%) - APPLICATION - transferred to Prog F	0.00	3,942,150.00	2% and 10% bank for 2005
	2006 1452(K) - (15%) - APPLICATION - transferred to Prog F	0.00	4,157,775.00	2% and 10% bank for 2006
	2007 1452(K) - (15%) - APPLICATION - transferred to Prog F	0.00	4,157,850.00	2% and 10% bank for 2007
	2004 Set-aside funds transferred to Program Fund	-7,439,771.90		
			248,052,464.57	
TRADITIONAL PROJECTS:				
	Projects Financed on Previously	1,488,179,944.33		
	Projects Financed on 2022 Grant Application	599,610,499.00		
	Small Project Initiative (SPI) DW Allocation	7,500,000.00	2,095,290,443.33	
USES TOTAL:			2,343,342,907.90	
NET BALANCE REMAINING			-347,368,151.90	