

Attachment 1



2022 PROJECT PRIORITY LIST Base Program



Priority	Project #	City / County	Owner Information	Project Name	Project Description	Service Connections	Point Total	Designation	Program Type Code	Principal Forgiveness	Project Cost	SRF Amount for this IUP	Cumulative SRF Amount	Notes
1	WSL 001-22	Pulaski	Pulaski County PSA	Community Water Improvements (2021)	Construct facilities to serve Bellavista and Riverbend subdivisions along with one additional unserved area (Hilton Village) which has been experiencing water quality issues with existing wells.	118	42	H-C	VWSRF	\$1,448,500	\$2,897,000	\$2,897,000	\$2,897,000	1
2	WSL 002-22	Scott	Scott County PSA	Nickelsville Water System Improvements - Phase 2	Well development, membrane filtration unit and finished water pump, 100,000 gallon raw water storage tank, well house improvements, telemetry, portable generator, and replace water lines.	311	57	H-P	VWSRF	\$1,337,130	\$2,228,550	\$2,228,550	\$5,125,550	
5	WSL 005-22	Smyth	Town of Marion	Water Line Replacement - Phases 7 & 8	Replace water lines, 27 fire hydrants, and 183 existing service reconnects.	183	46	H-P	VWSRF	\$261,200	\$1,306,000	\$1,306,000	\$6,431,550	2
7	WSL 007-22	Surry	Scotland Riverview WS	Water System Improvements	Replace water lines and 45 service meters	45	28	H-P	VWSRF	\$151,120	\$151,120	\$151,120	\$6,582,670	PF
9	WSL 009-22	Amherst	Town of Amherst	Water System Improvements - Emergency Power	100KW generator, base mounted fuel storage tank, and alarms to communicate with SCADA system.	1125	32	H-P	VWSRF	\$150,000	\$150,000	\$150,000	\$6,732,670	PF
10	WSL 010-22	Bland	Bland County PSA	Water Line Interconnection Project	Replace water lines, two booster pump stations, one 200,000 gallon ground storage tank, and 107 additional service connections.	549	33	H-P	VWSRF	\$2,911,555	\$6,100,000	\$6,100,000	\$12,832,670	1
12	WSL 012-22	Russell	Russell County PSA	Nash Ford/Clinch Mountain Road Water Line Extension	Project will provide potable water to 54 homes in the Nash Ford community. Includes replacing water lines, and providing fire protection. Project will also extend water service into the Clinch Mountain Road community.	48	40	H-P	VWSRF	\$1,112,685	\$1,589,550	\$1,589,550	\$14,422,220	
16	WSL 016-22	Loudoun	Aldie Water Company	Reservoir Replacement	Replace water lines, and new 10,000 gallon water tank.	25	8	H-P	VWSRF	\$150,000	\$150,000	\$150,000	\$14,572,220	FP
17	WSL 017-22	Petersburg	City of Petersburg	Water System New Pressure Zone	New 2,000,000 gallon water storage tank, 8700 linear feet of new water mains, and a new booster pump station.	479	23	H-P	VWSRF	\$0	\$10,050,000	\$10,050,000	\$24,622,220	
19	WSL 019-22	Richmond	City of Richmond	Lead Service Line Replacement - Customer Side	Replacement of up to 200 lead service lines on the private customer side.	200	0	LSL	VWSRF	\$500,000	\$500,000	\$500,000	\$25,122,220	PF

NOTES:

- Priority Projects 11, 14, and 18 offers were declined or project was withdrawn from consideration at the owner's request (or due to no response to the offer)
 Priority Projects 6, 13, and 15 were withdrawn by VDH DWSRF program and funded with ARPA funding.
- The loan portion of the project will be funded with a 30 year loan (or the design life of the assets) at 2.5% interest.
 - The loan portion of the project will be funded with a 20 year loan (or the design life of the assets) with the interest rate set at closing (historically between 1.5% and 2%).
 - The loan portion of the project will be funded with a 30 year loan (or the design life of the assets) with an effective 0% interest.
 - Emergency funding, terms will be determined at a later date.

Designation Codes:

- H - Health (A-Acute, C-Chronic, P-Public)
- O - Other Eligible Project
- I - Incomplete Application
- N - Not Eligible, N/A - Not Applicable
- PF - Principal Forgiveness
- LSL - Lead Service Line

2022 PROJECT PRIORITY LIST
Bipartisan Infrastructure Law Projects

Priority	Project #	City / County	Owner Information	Project Name	Project Description	Service Connections	Point Total	Designation	Program Type Code	Principal Forgiveness	Project Cost	SRF Amount for this IUP	Cumulative SRF Amount
1	BIL 01S-22	Pittsylvania	Town of Hurt	Phase II DBP Remediation and Water Improvements	New Hurt pump station with more efficient pumps and possibly tank aeration similar to the GredBee system. Installation of 1,000 ft of 12-inch line & 330 ft of casing to provide a loop feed to the west side of Town. Convert all conventional water meters to radio read units.	618	60	H-C	BIL - S	\$1,307,460	\$1,698,000	\$1,698,000	\$1,698,000
2	BIL 02S-22	Campbell	Town of Altavista	Sedimentation and Solids Handling Improvements	Installation of automated sludge removal system, vacuum system to minimize resuspension of solids, and general rehab of the drinking water plant.	2146	60	H-C	BIL - S	\$2,340,000	\$3,000,000	\$3,000,000	\$4,698,000
3	BIL 03S-22	Galax	City of Galax	City of Galax Water System Improvements	New 4.0 MGD water treatment plant; new 1.2 MG storage tank; renewal of E. Galax pump station with two 100-HP pumps and assoc piping/valves; renewal of City View PS with two 50 HP pumps and assoc piping/valves; rehab of four water storage tanks.	2222	53	H-P	BIL - S	\$2,340,000	\$95,415,000	\$3,000,000	\$7,698,000
4	BIL 04S-22	Wise	Wise County PSA	Water System Improvements - Town of Pound & Existing System	Replacement of waterlines, waterline appurtenances, water treatment plant electrical upgrades, purchase of a larger maintenance facility, replace of four pump station roofs, supplying A/C power to two existing water storage tanks and replacement of two pumps at Stone Mountain Pump Station.	5563	50	H-P	BIL - S	\$2,394,964	\$6,248,000	\$3,100,000	\$10,798,000
5	BIL 05S-22	Greene	Greene County	Greene County Treatment Plant & Reservoir Improvements	The project consists of 125-acre pumped storages reservoir, Rapidan River raw water intake, raw waster pump station no. 1, raw water piping, reservoir intake, raw water pump station no. 2; and a water treatment plant.	5000	31	H-P	BIL - S	\$0	\$54,580,000	\$1,500,000	\$12,298,000
6	BIL 06S-22	Rockingham	Town of Elkton	Water Supply and Distribution Improvements	Well development and above ground storage tank, new waterlines and replacement of existing fluoride pumps as Memorial Park well.	1107	25	H-P	BIL - S	\$0	\$8,326,827	\$1,000,000	\$13,298,000
7	BIL 07S-22	Lexington/ Rockbridge	Maury Service Authority	Water System Improvements	Four MGD raw water pumping station, four MGD water treatment plant, three MG remote clearwell and 2.7 miles of 16" or 20" pipe replacement.	3549	25	H-P	BIL - S	\$0	\$30,000,000	\$3,000,000	\$16,298,000
8	BIL 08S-22	Tazewell	Tazewell County PSA	TCPSA - Pocahontas Water Line Replacement	Replacement of 49,865 LF of 8-inch line, 3,340 LF of 4-inch line, 3,293 LF of 2-inch line and related appurtenances.	141	48	H-P	BIL - S	\$2,887,500	\$5,619,000	\$3,750,000	\$20,048,000
9	BIL 09S-22	Roanoke	Western Virginia Water Authority	Phase I Roanoke Area Distribution System Improvements	Replacement with 8-inch ductile iron pipe with an additional 1,000 of 8-inch DIP for looping.	9938	60	H-P	BIL - S	\$3,115,006	\$9,095,000	\$4,045,463	\$24,093,463
1	BIL 01C-22	Halifax	Halifax County Service Authority	Halifax County Service Authority WTP Upgrades	Installation of the initial pretreatment processes - coagulation/flocculation, sedimentation and filtration - are needed to remove HBCD from the raw water source. This is part of a WTP upgrade from 3 MGD to 5 MGD.	4704	43	H-P	BIL - C	\$8,865,000	\$17,120,000	\$8,865,000	\$8,865,000
2	BIL 02C-22	Roanoke	Western Virginia Water Authority	PER - study the removal of PFAS from Spring Hollow Reservoir	Test media in treatment unit filters to determine whether the PFAS compounds are there and determine if it is leaching into finished water; PER to pilot a treatment system to remove PFAS compound from backwash water, and perform hydraulic study of the reservoir to determine detention times between inlet and outlet.	57817	14	O	BIL - C	\$285,000	\$285,000	\$285,000	\$9,150,000
3	BIL 03C-22	Albemarle	Rivanna Water and Sewer Authority	RWSA Emerging Contaminants Removal Project	Installation of model 12-40 GAC vessels to remove PFAS/PFOA as well as DBP precursors from the finished water.	49108	8	O	BIL - C	\$3,150,000	\$21,350,000	\$3,150,000	\$12,300,000

NOTES:

Priority Projects 11, 14, and 18 offers were declined or project was withdrawn from consideration at the owner's request (or due to no response to the offer)
Priority Projects 6, 13, and 15 were withdrawn by VDH DWSRF program and funded with ARPA funding.
1. The loan portion of the project will be funded with a 30 year loan (or the design life of the assets) at 2.5% interest.
2. The loan portion of the project will be funded with a 20 year loan (or the design life of the assets) with the interest rate set at closing (historically between 1.5% and 2%).
3. The loan portion of the project will be funded with a 30 year loan (or the design life of the assets) with an affective 0% interest.
4. Emergency funding, terms will be determined at a later date.

Designation Codes:

H - Health (A-Acute, C-Chronic, P-Public)
O - Other Eligible Project
I - Incomplete Application
N - Not Eligible, N/A - Not Applicable
PF - Principal Forgiveness
LSL - Lead Service Line

2022 PROJECT PRIORITY LIST
Bipartisan Infrastructure Law Projects

Priority	Project #	City / County	Owner Information	Project Name	Project Description	Est. % of line installed before 1986	Action Level Exceed	Total Points	Program Type Code	Principal Forgiveness	Project Cost	SRF Amount for this IUP	Cumulative SRF Amount
1	BIL 01L-22	Chesapeake	City of Chesapeake, Dept. of Public Utilities	City of Chesapeake Lead Service Line Replacement	Replacing lead services lines as they are discovered during the City's effort to replace aging infrastructure.	Over 25%	15 ppb (0.015ml/L)	75	BIL - L	\$285,000	\$750,000	\$750,000	\$750,000
2	BIL 02L-22	Henry	Henry County Public Service Authority	Fieldale Lead Service Line Replacement - Phase 4	Replacing lead services lines as they are discovered during the PSA's effort to replace aging infrastructure.	Over 75%	under 10 ppb	68	BIL - L	\$190,000	\$500,000	\$500,000	\$1,250,000
3	BIL 03L-22	Radford	City of Radford	City of Radford Lead Service Line Inventory	Develop an inventory of lead service lines.	Over 75%	under 10 ppb	61.5	BIL - L	\$100,000	\$100,000	\$100,000	\$1,350,000
4	BIL 04L-22	Lynchburg	City of Lynchburg	Water Service Line Inventory	Develop an inventory of lead service lines.	Over 75%	under 10 ppb	59.5	BIL - L	\$190,000	\$500,000	\$500,000	\$1,850,000
5	BIL 05L-22	Norfolk	City of Norfolk	LSL Inventory and LSLR - Year 1	Developing an inventory and/or replacing lead services lines as part of a rebate Program.	Over 75%	under 10 ppb	53	BIL - L	\$760,000	\$2,000,000	\$2,000,000	\$3,850,000
6	BIL 06L-22	Halifax	Halifax County Service Authority	HCSA LSL Inventory & Replacement	Develop an inventory of lead service lines.	Over 75%	under 10 ppb	52.5	BIL - L	\$285,000	\$750,000	\$750,000	\$4,600,000
7	BIL 07L-22	Smyth	Town of Chihowie	Town of Chihowie Water System Improvements Projects	Develop an inventory of lead service lines.	Under 25%	under 10 ppb	33	BIL - L	\$285,000	\$750,000	\$750,000	\$5,350,000
8	BIL 08L-22	Pulaski	Town of Pulaski	Town of Pulaski Lead Service Line Inventory & Replacement	Develop an inventory of lead service lines.	Over 75%	15 ppb (0.015ml/L)	53	BIL - L	\$285,000	\$750,000	\$750,000	\$6,100,000
9	BIL 09L-22	Roanoke	Western Virginia Water Authority	WVWA Lead Service Line Inventory & Replacement	Finishing the inventory process - approximately 60% is already complete.	Over 25%	under 10 ppb	43	BIL - L	\$173,280	\$456,000	\$456,000	\$6,556,000
10	BIL 10L-22	Carroll	Town of Hillsville	Town of Hillsville Lead Service Line Inventory	Develop an inventory of lead service lines.	Under 25%	under 10 ppb	30	BIL - L	\$250,000	\$250,000	\$250,000	\$6,806,000
11	BIL 11L-22	Winchester	City of Winchester	City of Winchester Lead Service Line Inventory Project	Develop an inventory of lead service lines.	Over 50%	under 10 ppb	51	BIL - L	\$250,000	\$250,000	\$250,000	\$7,056,000
12	BIL 12L-22	Portsmouth	City of Portsmouth	Lead Service Line Replacement Gap Analysis & Action Plan	Develop an inventory of lead service lines.	Over 75%	under 10 ppb	45	BIL - L	\$150,000	\$150,000	\$150,000	\$7,206,000
13	BIL 13L-22	Emporia	City of Emporia	Lead and Copper Program LSL Inventory	Develop an inventory of lead service lines.	Over 75%	under 10 ppb	44.5	BIL - L	\$250,000	\$250,000	\$250,000	\$7,456,000
14	BIL 14L-22	Cambell	Campbell County Utilities & Service Authority	Lead Service Line Inventory	Develop an inventory of lead service lines.	Over 75%	under 10 ppb	42.5	BIL - L	\$152,000	\$152,000	\$152,000	\$7,608,000
15	BIL 15L-22	Bristol	Bristol Virginia Utilities Authority	Phase 1 Downtown Zone LSL Inventory	Develop an inventory of lead service lines.	Over 75%	under 10 ppb	40	BIL - L	\$250,000	\$250,000	\$250,000	\$7,858,000
16	BIL 16L-22	Bedford	Bedford County	Bedford Regional Water Authority Lead Inventory Project	Develop an inventory of lead service lines.	Over 75%	under 10 ppb	39.5	BIL - L	\$60,000	\$60,000	\$60,000	\$7,918,000
17	BIL 17L-22	Roanoke	Western Virginia Water Authority	Lead Service Line Inventory Development	Develop an inventory of lead service lines.	Over 25%	under 10 ppb	38	BIL - L	\$496,280	\$1,306,000	\$1,306,000	\$9,224,000
18	BIL 18L-22	Charlottesville	City of Charlottesville	Lead Service Line Inventory	Develop an inventory of lead service lines.	Over 25%	under 10 ppb	36	BIL - L	\$250,000	\$250,000	\$250,000	\$9,474,000
19	BIL 19L-22	Montgomery	Town of Blacksburg	Town of Blacksburg Lead Inventory Project - Phase 1	Develop an inventory of lead service lines.	Under 25%	under 10 ppb	30	BIL - L	\$56,000	\$56,000	\$56,000	\$9,530,000
20	BIL 20L-22	Chesterfield	Chesterfield County	Chesterfield County Lead Service Line Inventory	Develop an inventory of lead service lines.	Over 25%	under 10 ppb	28.5	BIL - L	\$173,680	\$250,000	\$250,000	\$9,780,000
21	BIL 21L-22	Bland	Bland County	Bland County Lead Inventory Project	Develop an inventory of lead service lines.	Over 75%	under 10 ppb	27	BIL - L	\$46,000	\$46,000	\$46,000	\$9,826,000
22	BIL 22L-22	Augusta	Augusta County Service Authority	Lead Service Line Inventory	Develop an inventory of lead service lines.	Under 25%	under 10 ppb	21	BIL - L	\$0	\$250,000	\$250,000	\$10,076,000

NOTES:

Priority Projects 11, 14, and 18 offers were declined or project was withdrawn from consideration at the owner's request (or due to no response to the offer)
Priority Projects 6, 13, and 15 were withdrawn by VDH DWSRF program and funded with ARPA funding.

1. The loan portion of the project will be funded with a 30 year loan (or the design life of the assets) at 2.5% interest.
2. The loan portion of the project will be funded with a 20 year loan (or the design life of the assets) with the interest rate set at closing (historically between 1.5% and 2%).
3. The loan portion of the project will be funded with a 30 year loan (or the design life of the assets) with an affective 0% interest.
4. Emergency funding, terms will be determined at a later date.

Designation Codes:

H - Health (A-Acute, C-Chronic, P-Public)
O - Other Eligible Project
I - Incomplete Application
N - Not Eligible, N/A - Not Applicable
PF - Principal Forgiveness
LSL - Lead Service Line