

# ATTACHMENT 1

## 2014 PROJECT PRIORITY LIST (Projects 1 through 32)

## 2014 COMPREHENSIVE PROJECT LIST (Projects 1 through 35)

### Designation Codes:

H - Health (A-Acute, C-Chronic, P-Public)

O - Other Eligible Project

I - Incomplete Application

N - Not Eligible

Priority	PWSID	City/ County	Owner	Project Name	Project Description	Service Population	Point Total	Design ation	Pgrm Type Code	Principal Forgiveness	Project Cost	2014 SRF Amount	Cumulative 2014 SRF Amount	Notes
1	1197345	Wythe 3	Wythe County Board of Supervisors	<u>Barren Springs WL Extension</u>	The project consists of 8,600 ft of 8" waterline, 11,000 ft of 6" waterline, 22-8" and 6" valves, 20 hydrants and 110 service connections.	1,285	70	H:A	VWSRF	40%	1,374,300	1,374,300	\$1,374,300	
2	5067265	Franklin 12	SML Water Company	<u>Hales Point Water System Upgrade</u>	The addition of 1,600 lf of 8" water line along Redbud Lane to the intersection with Hales Point Drive to connect to the WVWA water system; water meter to measure water sold to Hales Point by WVWA; and a pressure reducing valve to protect existing water lines.	34	23	H:A	VWSRF	0%	149,995	149,995	\$1,524,295	
3	1169650	Scott 1	Scott County Public Service Authority	<u>Boozy Creek Water Project (Phase III)</u>	The project consists of 16,900 lf of 8" water line; 7,900 lf of 6" water line; 1,300 lf of 2" water line; one (1) master meter setting; and one (1) pressure reducing valve/master meter setting.	78	22	H:A	VWSRF	55%	1,230,360	1,230,360	\$2,754,655	
4	5037300	Charlotte 14	Town of Keyville	<u>Coagulation/Flocculation Enhancement and Generators</u>	To construct designed improvements for enhancing coagulation and flocculation, install a generator, and make other necessary improvements.	832	61	H:C	VWSRF	49%	715,000	715,000	\$3,469,655	
5	2109450	Louisa 10	Town of Louisa	<u>Water Distribution Systems Improvements "Northern Loop"</u>	The construction of 1,850 LF of 6" looping water main that would connect McDonald Street, Ashley Street, and Woolfork Avenue.	1,555	30	H:C	VWSRF	30%	305,800	305,800	\$3,775,455	
6	1105500	Lee 1	Town of Louisa	<u>System-wide Water System Improvements Project-Phase IB</u>	The replacement of undersized 6-inch PVC line with 8,500 LF of 8 inch line, addition of gate valves to the line, and associated appurtenances.	1,555	30	H:C	VWSRF	30%	654,750	654,750	\$4,704,703	
7	2109450	Louisa 10	St. Charles Water & Sewer Authority	<u>Water Distribution System Improvements- Storage Tanks</u>	The design and installation of systems and equipment such as tank telemetry, tank mixing devices, aeration equipment on the Town of Louisa's two elevated finish water storage tanks, and other system appurtenances.	2,114	49	H:P	VWSRF	65%	929,248	929,248	\$5,359,453	
8	4036500	Charles City 15	Charles City County	<u>Mount Zion/Rustic Area Well Replacement Project</u>	Replacement of the existing well by completing two (2) new wells in an aquifer approximately 140 feet deep with an expected horsepower range of 5 to 7 1/2.	230	30	H:P	VWSRF	0%	353,500	353,500	\$5,712,953	
9	1191883	Washington 3	Washington County Service Authority	<u>Haskell Station Road WL Extension &amp; Replacement</u>	Approximately 1,000 LF of 2-and 4-inch water line along Haskell Station Road north of Reedy Creek Road will be replaced with a new 4-inch water line which would improve serve for approximately 18 existing customers and would be extended approximately 3,300 linear feet north to serve 5 unserved residences. No pump stations or tanks are required to accomplish this project.	55	29	H:P	VWSRF	51%	234,009	234,009	\$5,946,962	

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10	3181400	Surry 19	Town of Dendron	<u>Dendron Water Upgrade</u>	The project consists of Pump Capacity - well #1=320 gpm (one pump station) and well #2=225 gpm, 15 hydrants, 15,500 lf of pipe, one (1) 40,000 gallon storage tank, and one (1) 5,000 gallon hydropneumatic tank.	297	29	H:P	VWSRF	0%	1,390,493	1,390,493	\$7,337,455	
11	1173723	Smyth 3	Town of Saltville	<u>Cardwell Town Area and Master Metering Water Project</u>	The project consists of 14,000 lf of 8" water line; 6,800 lf of 6" water line; 3,600 lf of 2" water line; one (1) 200,000 gallon water storage tank; rehabilitation of one (1) 200,000 gallon water storage tank; eight (8) master meter settings; four (4) leak detection meter settings; two (2) pressure reducing valve/master meter settings; and one (1) pressure reducing valve setting.	2,296	40	H:P	N/A	7%	3,587,470	0	\$7,337,455	Declined Offer
12	1185085	Tazewell 2	Town of Cedar Bluff	<u>Water System Improvements (Phase I)</u>	The project consists of 1,400 lf of 6" water line; two (2) pressure reducing valve settings and one (1) pressure reducing valve (to replace an existing altitude valve); one (1) simplex booster pump station (17 gpm); and 100 replacement service meters.	1,504	28	H:P	WSAG	95%	80,000	0	\$7,337,455	State funded
13	1167275	Russell 2	Russell County Public Service Authority	<u>Mountain Meadows Line Extension</u>	The addition of a 3 HP pump station and a 30,000 gallon water storage tank, installation of approximately 7,500 LF of 4-inch water line and 2,000 LF of 2-inch water line, and the installation of new radio read meters.	52	41	H:P	VWSRF	80%	463,071	463,071	\$7,800,526	
14	5143246	Pittsylvania 12	Town of Hurt	<u>System Generator</u>	Installation of a generator.	1,304	35	H:P	WSAG	100%	46,775	0	\$7,800,526	State funded
15	1155641	Pulaski 4	Pulaski County	<u>Emergency Generators for Pump Station and WTP</u>	An emergency generator with an automatic transfer switch (ATS) for the source water pump station and a generator for the water treatment plant each will interface with the water treatment plant SCADA system.	9,339	33	H:P	VWSRF	45%	420,000	420,000	\$8,220,526	
16	1195950	Wise 1	Town of Wise	<u>Water Treatment Plant (WTP) Rehabilitation</u>	Replacement of four steel filter tanks and filter bottoms, ten and a half feet in diameter with like units, a new backwash pump at approximately 1,800 gpm (approximately 25 HP), additional plumbing, demolition, instrumentation, electrical, miscellaneous concrete, steelwork, and appurtenances.	6,715	27	H:P	VWSRF	40%	1,113,050	1,113,050	\$9,333,576	
17	4193280	Westmoreland 17	Town of Colonial Beach	<u>Robin Grove Reservoir Replacement</u>	The project consists of 1 LS of 6' diameter x 24' height above-ground tank (579,000 gallons) with mixing system, 100 LF of 12" water main, 5,450 LF of 8" water main, 1 LS telemetry system, 2 replacement booster pumps 700 gpm each (equal or greater), and 1,874 radio read meters	3,542	21	H:P	VWSRF	0%	4,082,566	4,082,566	\$13,416,142	
18	1195050	Wise 1	Town of Big Stone Gap	<u>E. 9th St. and 2nd Ave. Waterline Replacement Project</u>	Replacement of approximately 2,820 lf of 6-inch waterline; replacement of approximately 535 lf of 2-inch waterline; replacement of approximately 1,150 lf of 3/4-inch service line; reconnect 33 residential connections; install 4 fire hydrant assemblies; and associated appurtenances.	8,129	45	H:P	VWSRF	100%	100,000	100,000	\$13,516,142	
19	1051728	Dickenson 2	Dickenson County Public Service Authority	<u>Frying Pan WL Extension</u>	Approximately 18,700 LF of 6" water line, 15,700 LF of 4" and 1,900 LF of 2" water line and related appurtenances, one (1) master meter setting, one (1) pressure reducing valve setting, and one (1) hydropneumatic tank setting.	92	33	H:P	VWSRF	100%	179,600	179,600	\$13,695,742	
20	1167050	Russell 2	Castlewood Water & Sewage Authority	<u>Radio Read Meter Replacement and Telemetry Installations</u>	The installation of approximately 2,018 low flow reading radio read meters to replace the existing touch read meters, installation of main line radio read monitoring meters at selected locations for leak detection and monitoring purposes, and the upgrade of telemetry at 8 pump stations, 7 water storage tanks, two (2) water treatment plants, and the main office to one consistent system.	4,713	39	H:P	VWSRF	65%	907,151	907,151	\$14,602,893	

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21	1105200	Lee 1	Town of Jonesville	<u>Jonesville Water System Improvements (Phase I)</u>	The project consists of 1,450 lf of 12" water line, four (4) variable frequency drives (two raw water pumps and two finished water pumps), and six (6) leak detection meter settings.	1,708	35	H:P	WSAG	100%	79,100	0	\$14,602,893	State funded
22	1191883	Washington 3	Washington County Service Authority	<u>Hidden Valley Water System Extension Phase 1</u>	WCSA will purchase water from the RCPSA water system that currently extends to the Russell/Washington county line along US Rt 19 (Porterfield Hwy), the installation of a master meter at the county line, the extension of approximately 14,750 LF of 5-4-2-inch water line along Porterfield Hwy, Welsh Lane, Hidden Valley Rd and Douglas Lane. No pump stations or tanks are required to construct this project.	94	33	H:P	VWSRF	40%	897,975	496,475	\$15,099,368	
23	5135260	Nottoway 14	Hickory Hill Retirement Community	<u>Hickory Hill Water System Upgrade</u>	Installation of a pump that will deliver 25 GPM to the facility, the installation of a 4" water line with associated appurtenances between the new well and existing water system building, connection of the new well into the water system building, installation of SCADA controls for the new well, electrical service for the new well, and engineering services for the project.	90	28	H:P	VWSRF	70%	149,780	149,780	\$15,249,148	
24	5019878	Bedford 11	Virginia Ridge Water Company	<u>VR Well #1 Improvements</u>	A modification of Well #1 to alleviate problems by drilling it 159' deeper and 8" in a diameter.	180	17	H:P	VWSRF	0%	42,000	42,000	\$15,291,148	
25	1197345	Wythe 3	Wythe County Board of Supervisors	<u>Rt 52 Jackson School Water Extension Project</u>	The project will consists of 6,000 lf of 6" waterline, 300 lf of 2" waterline, 1,500 lf of service line, and one (1) Pressure Reducing Station.	50	22	H:P	VWSRF	45%	557,200	557,200	\$15,848,348	
26	1167900	Russell 2	Russell County Public Service Authority	<u>Back Valley/Big A Mtn New Pump Stations</u>	Installation of two (2) water pump stations (one pumping station a 15 HP unit and the other an 11 HP unit) located approximately where the existing PRVs for the Back Valley/Big A Project are located; and the existing PRVs relocated to pump stations as part of this project. RCPSA will install these pump stations using force account methods.	3,045	36	O	N/A	0%	285,230	0	\$15,848,348	Declined Offer
27	1167050	Russell 2	Castlewood Water & Sewage Authority	<u>Copper Ridge/Highpoint Water Line Extension Project</u>	Installation of approximately 30,000 lf of 8-inch water line, 600 lf of 4-inch water line, 8,200 lf of 2-inch water line, 36 gate valves of varying sizes, 11 fire hydrants, as many as 166 service connections, one (1) water pumping station, a 150,000 gallon elevated water storage tank, three (3) pressure reducing stations, and four (4) monitoring meters. The system will interconnect to the existing Sargent Springs WTP.	314	24	O	N/A	0%	2,655,489	0	\$15,848,348	Declined Offer
28	1035066	Carroll 3	Carroll Co. Public Service Authority	<u>Meadowbrook Road Waterline Extension</u>	Extension of approximately 34,800 LF of 6" water line off of the existing Cana water system to the Meadowbrook Road area and related improvements.	176	23	O	N/A	0%	1,287,995	0	\$15,848,348	Declined Offer
29	1185625	Tazewell 2	Town of Pocahontas	<u>Interconnect to Town of Bluefield/Waterline System Debt Refinancing</u>	The original application for debt refinance is revised to an interconnect project to the Town of Bluefield. The project will require 2000 LF of 8" WL, an new pump station, and a master meter vault. The refinancing of existing debt appears ineligible.	389	20	TBD	VWSRF	TBD	1,000,000	1,000,000	\$16,848,348	
30	1169405	Scott 1	Town of Gate City	<u>2013 Refinancing of Water Bonds</u>	Refinancing of the Town's three water-related Rural Development Loans for debt service savings up to \$1.3 million.	2,159	10	O	VWSRF	0%	1,300,000	1,300,000	\$18,148,348	

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31	2015150	Augusta 6	Town of Craigsville	<u>Water Storage &amp; Treatment Upgrades</u>	A 80' diameter 800,000 gallon ground water storage tank, 1-altitude valve vault, 25' diameter 25,000 gallon raw water tank, modify existing PRV vault to altitude valve vault, 4-new filter modules, 1-new 4-inch raw water meter, 100 ft of 4-inch piping (plant and 800 gallon tank), 10' diameter 4,000 gallon break tank (reduces cycling of booster pumps), 3-remote telemetry units for the groundwater wells, 1-remote telemetry units for the spring water collection box discharge gate, 60'x12' wide concrete flume, 1-4' square slide gate with motorized motor, and 2-4 inch pressure reducing valves.	1,020	0	O	VWSRF	0%	1,476,126	1,476,126	\$19,624,474	
32	2023160	Botetourt 5	Town of Buchanan	<u>Water Storage &amp; Treatment Upgrades</u>	A 35' diameter 250,000 gallon ground water storage tank, 2-altitude valve vaults, 25' diameter 25,000 gallon raw water tank, and 15,000 LF 4-inch piping.	1,020	0	O	N/A	0%	1,810,625	0	\$19,624,474	Declined Offer
33	1173271	Smyth 3	Smyth County Board of Supervisors	<u>Konnarock Community Center Well</u>	Installation of a new 6" or 8" well approximately 300 feet deep, abandonment of all existing wells, and permanent development and connection to the community center system.	0	0	I	N/A	0%	83,550	0	\$19,624,474	Incomplete
34	2139017	Page 7	Shenandoah Utility Services	<u>SUS Upgrade &amp; Expansion</u>	The addition of a 15,000 gallon water storage tank and booster pump system, and 3,000 lf of 2" waterline to loop the system.	60	0	I	N/A	0%	112,000	0	\$19,624,474	Incomplete
35	1167050	Russell 2	Castlewood Water & Sewage Authority	<u>Multi Area Water Line Replacement Project</u>	Replacement of 1,500 lf of 8-inch water line, 7,500 lf of 6-inch water line, 5,780 lf of 4-inch water line, 4,440 lf of 2-inch water line, approximately 9,180 lf of 1-inch and 3/4 inch service line; installation of 26 meters, 15 blow off valves, 15 air release valves, 7 fire hydrants, and the installation of six (6) monitoring meters.	4,713	0	I	N/A	0%	825,762	0	\$19,624,474	Incomplete

### NOTES:

VDH expects to have about \$19,500,000 for 2014 SRF project funding. VDH offered funding to projects 1 through 32. Additional projects may be funded in priority order if funds become available.

VDH reserves the right to switch funding sources to meet the needs of the SRF Program and EPA grant requirements.

All funded projects receiving principal forgiveness shall have the remainder of the project funded with a 30 year 2.0% loan.

All funded projects not receiving principal forgiveness shall be funded with a 20 year loan with the rate set at closing (historically between 1.5% and 3% interest).

All eligible acute, chronic health/ SDWA compliance or public health projects are designated as Health (Designation H).

Designation H projects are funded in descending order of acute, chronic health/SDWA compliance and then public health projects.

Total Health points are considered after acute, chronic and public health points.