

2018 PROJECT PRIORITY LIST (Projects 1 through 47)
2018 COMPREHENSIVE PROJECT LIST (Projects 1 through 47)

| Priority | City / County | Owner Information | Project Name | Project Description | Service Population | Point Total | Designation | Program Type Code | Principal Forgive ness | Project Cost | SRF Amount for this IUP | Cumulative SRF Amount | Notes |
|----------|---------------|------------------------------|--|---|--------------------|-------------|-------------|-------------------|------------------------|--------------|-------------------------|-----------------------|-------|
| 1 | Amherst | Amherst, Town of | WTP Sedimentation Basins improvement | The project will provide for a mid-point chlorination system in the sedimentation basins and sludge removal equipment in the sedimentation basins. | 2470 | 49 | H:C | VWSRF | \$150,000 | \$150,000 | \$150,000 | \$ 150,000 | 1 |
| 2 | Dinwiddie | Azzie Manor Home | Azzie Manor Uranium/Radon compliance | A PER to evaluate alternatives, design of selected alternative, and construction of alternative to resolve compliance issue. | 36 | 45 | H:P | SRF | \$0 | \$150,000 | \$0 | \$ 150,000 | 1 |
| 3 | Charlotte | Phenix, Town of | Water System Improvements | Replacement/installation of 20,000 LF of new 6 and 8 inch water lines throughout the water distribution system, and the construction of a new 5,000 hydro-pneumatic water tank. | 260 | 55 | H:P | VWSRF | \$158,000 | \$1,668,000 | \$ 1,668,000 | \$ 1,818,000 | 1 |
| 4 | Smyth | Thomas Bridge Water Corp | Water System Improvements | The project construction includes 8,130 ft. of 6", 380 ft. of 4" and 380 ft. of 2 inch water lines and appurtenances; a booster pump station; a new 250,000 gallon water storage tank with 2,750 ft. of 8 inch water line and | 3,749 | 39 | H:P | VWSRF | \$406,000 | \$1,563,000 | \$ 1,563,000 | \$ 3,381,000 | 1 |
| 5 | Wise | City of Norton | Josephine WL Replacement - PH I | Replacement of approximately 1,300 lf of 2 inch waterline with 6 inch waterline; replacement of approximately 1,220 lf of 2 inch waterline with 2 inch waterline; replacement of approximately 340 lf of 3/4 inch service | 40 | 48 | H:P | VWSRF | \$114,459 | \$114,459 | \$ 114,459 | \$ 3,495,459 | 1 |
| 6 | Wise | City of Norton | Clear Creek WL Replacement - PH I | Replacement of approximately 1,550 lf of 4 inch waterline with 6 inch waterline; replacement of approximately 350 lf of 3/4 inch service line; reconnect 17 residential connections; installation of one (1) fire hydrant | 38 | 48 | H:P | VWSRF | \$102,990 | \$102,990 | \$ 102,990 | \$ 3,598,449 | 1 |
| 7 | Lee | Dryden Water Authority | Bill Jessee Road WL Replacement - PH I | Replacement of approximately 1,200 LF of 4 and 6 inch waterline, replacement of approximately 30 LF of 3/4 inch service line, reconnect 1 residential connection, provide water service to approximately 15 | 37 | 36 | H:P | VWSRF | \$101,021 | \$101,021 | \$ 101,021 | \$ 3,699,470 | 1 |
| 8 | Lee | Dryden Water Authority | Wolfe Gilbert Road WL Replacement - PH I | Replacement/extension of approximately 440 LF of 6 inch waterline and 450 LF of 2 inch waterline; replacement of approximately 650 LF of 3/4 inch service line, reconnect 6 residential connections; installation of one | 15 | 35 | H:P | VWSRF | \$95,760 | \$95,760 | \$ 95,760 | \$ 3,795,230 | 1 |
| 9 | Wise | Appalachia, Town of, | Water Meter Replacement -Phase 1 | Replacing 250 3/4 inch meters, twenty (20) 1 inch, five (5) 2 inch, one (1) 3 inch, three (3) 4 inch, three (3) 6 inch, two (2) 8 inch and one (1) zone meter plus appurtenances. | 563 | 53 | H:P | VWSRF | \$173,894 | \$173,894 | \$ 173,894 | \$ 3,969,124 | 1 |
| 10 | Smyth | Saltville, Town of | System Improvements - PH I | A radio-read metering system including 1,020 3/4" service meters; thirty-two (32) 2" service meters; radio-read equipment and software; 30,600 LF of 3/4" service line; 700 LF of 2" service line; 700 LF of 2" water | 2,407 | 51 | H:P | VWSRF | \$247,000 | \$1,644,656 | \$ 1,644,656 | \$ 5,613,780 | 1 |
| 11 | Wise | Big Stone Gap, Town of | Shelby Ave WL Replacement - PH I | Replacement of approximately 1,100 lf of 2 inch waterline with 6 inch waterline; replacement of approximately 200 lf of 3/4 inch service line; reconnect 8 residential connections; installation of one (1) fire hydrant | 19 | 34 | H:P | VWSRF | \$100,143 | \$100,143 | \$ 100,143 | \$ 5,713,923 | 1 |
| 12 | Wise | Big Stone Gap, Town of | Fishers Rd WL Replacement - PH I | Replacement of approximately 1,250 lf of 4 inch waterline with 6 inch waterline; replacement of approximately 200 lf of 3/4 inch service line; reconnect 6 residential connections; installation of one (1) fire hydrant | 14 | 34 | H:P | VWSRF | \$100,710 | \$100,710 | \$ 100,710 | \$ 5,814,633 | 1 |
| 13 | Montgomery | NRV Regional Water Authority | WTP Modernization | Installation of four 4.0 MGD vertical turbine pumps and a new wet well; dosing equipment and chemical storage for permanganate and PAC; construction of six flocculator basins; installation of plate settlers near | 54,388 | 32 | H:P | VWSRF | \$0 | \$27,760,000 | \$ 27,760,000 | \$ 33,574,633 | 1 |
| 14 | Montgomery | New River Water | Water Improvements | Replace the treatment systems and tanks at the three locations (Dry Valley, Walton Farms and Twin Boulders) with a similar design to include a new well pump building with all new piping, new well pump, | 273 | 27 | H:P | VWSRF | \$186,000 | \$792,000 | \$ - | \$ 33,574,633 | 1 |
| 15 | Smyth | Marion, Town of, | WL Replacement PH III | Design and construction of water line replacement which includes 9,310 feet of 6", 810 feet of 8" water line and appurtenances on the following Terrace Street, Catron Street, Broad Street, Cherry Street, Clark Street | 0 | 48 | H:P | VWSRF | \$108,000 | \$657,000 | \$ - | \$ 33,574,633 | 1 |
| 16 | Smyth | Marion, Town of, | WL Replacement PH IV | Design and construction of water line replacement including 4,065 feet of 6", 10" and 3,810 feet of 2 inch water line and appurtenances for the following Copenhagen Street, Cemetery Street, Culbert Drive, Greer | 0 | 48 | H:P | VWSRF | \$119,000 | \$719,000 | \$ - | \$ 33,574,633 | 1 |
| 17 | Smyth | Rye Valley Water Authority | Dickeys Creek WL Replacement | Construction of approximately 3,500 LF of 6" water line, relocation/reconnection of 13 +/- existing service meters, and replacement of approximately 2,900 LF of 2" and 1" mains that will | 28 | 42 | H:P | VWSRF | \$100,000 | \$100,000 | \$ - | \$ 33,574,633 | 1 |
| 18 | Pittsylvania | City of Danville | WTP Improvements | Installation of solids removal equipment in three of four existing sedimentation basins and concrete repair to the basins as well as the associated flocculation basins and filters. | 42,082 | 40 | H:P | VWSRF | \$270,000 | \$2,000,000 | \$ - | \$ 33,574,633 | 1 |
| 19 | Lee | Lee Co PSA | Blue Springs Water Treatment Plant Improvements - PH I | Installation of a computer work station, software, PLC master control panel, UPS back-up system, turbidimeters, flow meters and pneumatic valve actuators. | 8,728 | 39 | H:P | VWSRF | \$144,000 | \$144,000 | \$ - | \$ 33,574,633 | 1 |
| 20 | Loudoun | Hillsboro, Town of, | Safe Water Project | The project includes 2,100 LF of 3 inch PVC or HDPE pipe in the roadway with pavement restoration over the trench only; 11 service lines, meter boxes, and 5/8 inch meters; 11 3/4 inch hose bib vacuum | 115 | 25 | H:P | VWSRF | \$213,000 | \$927,000 | \$ - | \$ 33,574,633 | 1 |
| 21 | Pulaski | Pulaski County PSA | Raw Water Intake | Extend each of the existing 24 inch diameter intake pipes approximately 30-40 feet further out of the cove, and install screens on the ends of each pipe along with an air-burst system to help clean the screens. No | 10,483 | 25 | H:P | VWSRF | \$208,000 | \$923,000 | \$ - | \$ 33,574,633 | 1 |
| 22 | Tazewell | Tazewell Co PSA | Capital Improvements Plan - PH 1 | Rehabilitation of eight pump stations, replacement of approximately 350 service meters, upgrade of office billing and computer software, and the replacement of approximately 4,571 LF of water line. | 16,195 | 31 | H:P | VWSRF | \$394,000 | \$3,428,870 | \$ - | \$ 33,574,633 | 1 |
| 23 | Lee | Woodway Water Authority | State Route 641 WL Replacement - PH I | Replacement of approximately 1,100 lf of 2 inch waterline with 6 inch waterline; replacement of approximately 150 lf of 3/4 inch service line; reconnect 6 residential connections; installation of two (2) fire hydrant | 14 | 37 | H:P | VWSRF | \$102,915 | \$102,915 | \$ - | \$ 33,574,633 | 1 |
| 24 | Lee | Woodway Water Authority | State Route 932 WL Replacement - PH I | Replacement of approximately 1,250 LF of 4" and 2" waterline with 6" and 4" waterline; replacement of approximately 100 lf of 3/4 inch service line; reconnect 5 residential connections; installation of one (1) | 12 | 37 | H:P | VWSRF | \$101,025 | \$101,025 | \$ - | \$ 33,574,633 | 1 |
| 25 | Wise | Coeburn, Town of | Town-wide Water Meter Replacement | Replace approximately 488 of the town's residential 3/4 inch meters. | 1,181 | 45 | H:P | VWSRF | \$150,078 | \$150,078 | \$ - | \$ 33,574,633 | 1 |

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|----------|------------------|---------------------------------|--|--|--------------------|-------------|-------------|-------------------|-----------------------|--------------|-------------------------|-----------------------|-------|
| 26 | Henry | Henry County PSA | Fieldale Lead Service Line Replacement | Replacement of approximately 3,500 LF of existing lead jointed cast iron and galvanized steel water mains with new 6" line an replacement of existing lead and/or galvanized steel service lines with new 3/4" HDPE | 142 | 35 | H:P | WSAG | \$500,000 | \$500,000 | \$ - | \$ 33,574,633 | 1 |
| 27 | Tappahannock | Essex MHP, General Partner | Essex Mobile Home Park WL Ext. | Extension of existing water mains from the adjacent Town of Tappahannock water system including a distribution system plan as well as specifications for installing individual meters to the existing site and | 130 | 37 | H:P | VWSRF | \$278,000 | \$278,000 | \$ - | \$ 33,574,633 | 1 |
| 28 | Lee | Lee Co PSA | Frog Level Community Water - PH II | Approximately 12,300 lf of 8 inch waterline; approximately 7,845 lf of 6 inch waterline; approximately 2,300 lf of 3/4 inch service line; providing water service to approximately 53 residential connections; 75,000 gallon | 122 | 37 | H:P | VWSRF | \$308,000 | \$373,680 | \$ - | \$ 33,574,633 | 1 |
| 29 | Russell | Russell Co PSA | Glade Hollow/Glade Hill | Replace the old 2 inch galvanized line with 3,700 LF of 6 inch and 3,150 LF of 8 inch water line, add approximately 3 new residents, extend new service to approximately 20 residents in the Glade Hill Subdivision | 95 | 37 | H:P | VWSRF | \$523,000 | \$941,700 | \$ - | \$ 33,574,633 | 1 |
| 30 | Scott | Scott Co PSA | Robinette Valley/Hunters Valley West | Installation of approximately 2,100 LF of 2" diameter water mains; 8,200 LF of 6" diameter water mains; 21,500 LF of 8" diameter water mains; and related appurtenances for extending public water service to | 186 | 36 | H:P | VWSRF | \$315,000 | \$1,855,720 | \$ - | \$ 33,574,633 | 1 |
| 31 | Wise | Coeburn, Town of | Star Branch Rd WL Ext | Installation of approximately 909 lf of 4 inch and 300 lf of 2 inch waterline; installation of approximately 200 lf of 3/4 inch service line; installation of seven (7) water service meters; and associated | 16 | 34 | H:P | VWSRF | \$107,888 | \$107,888 | \$ - | \$ 33,574,633 | 1 |
| 32 | Washington | Washington Co Service Authority | Rattle Creek Road WL Ext | Approximately 6,000 LF of 8 inch diameter waterline and related appurtenances, and the installation of fire hydrants. | 27 | 25 | H:P | VWSRF | \$59,000 | \$223,780 | \$ - | \$ 33,574,633 | 1 |
| 33 | City of Richmond | City of Richmond | Lead Service Line Replacement | Replacement of lead service lines downstream (customer side) of the water meter from the main to the meter. The Utility proposes to complete up to 200 main-to-meter-to house LSL replacements. | 204,214 | 24 | H:P | WSAG | \$0 | \$500,000 | \$ - | \$ 33,574,633 | 1 |
| 34 | Alexandria | VA American Water Co. | Lead Service Line Replacement | Replace the lead service lines in full to include the portion in the public right of way and on to the customers private property. The replacement work will include only the water service line from the water main to the | 255 | 19 | H:P | WSAG | \$0 | \$425,000 | \$ - | \$ 33,574,633 | 1 |
| 35 | Lee | Pennington Gap, Town of | Town-wide Water Meter Replacement - PH I | Replacing 400 3/4 inch meters, six (6) 1 inch, fifteen (15) 2 inch, one (1) 4 inch, two (2) 6 inch and the High School 6 inch meter and vault. | 874 | 34 | O | VWSRF | \$218,591 | \$218,591 | \$ - | \$ 33,574,633 | 1 |
| 36 | Tazewell | Bluefield, Town of | WTP Upgrade/WL Replacement | WTP upgrade/expansion from 1.5 MGD to 2.0, water line replacement on Rt. 102 which includes 2,100 LF of 8-inch water line, 3 each 8-inch gate valves, 2 each air release valves, 3 each fire hydrants, 100 LF 8- | 5,400 | 28 | O | VWSRF | \$256,000 | \$1,969,674 | \$ - | \$ 33,574,633 | 1 |
| 37 | Montgomery | NRV Regional Water Authority | Plum Creek Transmission Main (Phase 1) | Approximately 9,034 lf of 20 inch ductile iron pipe that connects into the existing main near the Scattergood Pump Station south of the railroad, runs along the perimeter of the Meadows Golf & Country Club to | 48,655 | 24 | O | VWSRF | \$0 | \$3,031,000 | \$ - | \$ 33,574,633 | 1 |
| 38 | Montgomery | NRV Regional Water Authority | Plum Creek Transmission Main (Phase 2) | Approximately 18,566 lf of 20 inch ductile iron pipe that connects into the existing dual 16 inch transition mains along Prices Fork Road, runs along Vicker's Switch Road, Spaulding Road, connect to the Phase I | 48,655 | 24 | O | VWSRF | \$0 | \$6,137,000 | \$ - | \$ 33,574,633 | 1 |
| 39 | Wise | Wise County PSA | WCPSA Flocculator Replacement | Replacing three flocculators, replacing 8 slide gates, replacing four 14 inch mud valves, adding two 14 inch mud valves, and installing up to 76 additional ports in each stilling wall. | 10,464 | 22 | O | VWSRF | \$217,000 | \$264,600 | \$ - | \$ 33,574,633 | 1 |
| 40 | Washington | Washington Co Service Authority | Hidden Valley Road WL Ext - PH II | Installation of over 9,000 LF of 4 and 2 inch water line, installation of 2 pump stations, and a 6,000 gallon storage tank. | 62 | 21 | O | VWSRF | \$67,000 | \$253,212 | \$ - | \$ 33,574,633 | 1 |
| 41 | Washington | Washington Co Service Authority | Rich Valley Road WL Ext | Approximately 56,000 LF of 8 inch and 12 inch water line, installation of fire hydrants, and the replacement of smaller and older line along Route 19. | 112 | 19 | O | VWSRF | \$0 | \$3,163,900 | \$ - | \$ 33,574,633 | 1 |
| 42 | Washington | Washington Co Service Authority | Chip Ridge Road WL Ext | Approximately 2,861 LF of 4-inch diameter water line and related appurtenances. | 10 | 19 | O | VWSRF | \$125,000 | \$125,000 | \$ - | \$ 33,574,633 | 1 |
| 43 | Washington | Washington Co Service Authority | Sugar Cove Road WL Ext | Approximately 5,100 LF of 4 and 6 inch diameter waterline and related appurtenances, one (1) fire hydrant on the 6" line, a pump station and hydropneumatic tanks. | 30 | 19 | O | VWSRF | \$118,000 | \$444,840 | \$ - | \$ 33,574,633 | 1 |
| 44 | Wise | Wise Co PSA | Rock Switch Road WL Replacement | Replace a section of the existing 6 inch water line on Rock Switch Road with 700 LF of 8 inch water line and 100 LF of 8 inch water line, railroad and stream crossing and appurtenances which include valves, tees and | 0 | 27 | O | VWSRF | \$137,000 | \$137,000 | \$ - | \$ 33,574,633 | 1 |
| 45 | Northumberland | E. L. Goddard, Inc | Spriggs Landing | Installation of a 5,000 gallon nominal storage tank with two booster pumps, one chlorination feed system and the installation of 18 water meters with all appurtenances. | 22 | 14 | O | VWSRF | \$125,000 | \$125,000 | \$ - | \$ 33,574,633 | 1 |
| 46 | Middlesex | Middlesex Water Authority | Eastern Middlesex County Water System | The project includes two existing ground water wells, two new well pumps, a chlorine feed system, a 100,000 gallon ground storage tank, two booster pumps, a 10,000 gallon hydropneumatic tank, two booster | 1,148 | 12 | O | VWSRF | \$0 | \$8,133,122 | \$ - | \$ 33,574,633 | 1 |
| 47 | Northumberland | E. L. Goddard, Inc | Jettys Reach - PH III | Installation of a 5,000 gallon nominal storage tank with two booster pumps with controls, chlorination feed system to the existing well house, a distribution system plan, and installation of individual meters on the 15 | 26 | 9 | O | VWSRF | \$125,000 | \$125,000 | \$ - | \$ 33,574,633 | 1 |

NOTES:

1. VDH expects to have about \$20,500,000 for SRF project funding. VDH offered funding to projects 1 through 47. Additional projects may be funded in priority order if funds become available.
2. VDH reserves the right to switch funding sources to meet the needs of the SRF Program and EPA grant requirements.
3. All funded projects receiving principal forgiveness shall have the remainder of the project funded with a 30 year 2.5% loan.
4. All core term offer projects shall be funded with a 20 year loan with the rate set at closing (historically between 1.5% and 3% interest).
5. All eligible acute, chronic health/SDWA compliance or public health projects are designated as Health (Designation H).
6. Designation H projects are funded in descending order of acute, chronic health/SDWA compliance and then public health projects.

Designation Codes:

- H - Health (A-Acute, C-Chronic, P-Public)
- O - Other Eligible Project
- I - Incomplete Application
- N - Not Eligible, N/A - Not Applicable