

**Commonwealth of Virginia
Drinking Water State Revolving Fund Program
Intended Use Plan
Capitalization Grant Under the
American Recovery and Reinvestment Act of 2009**

May 8, 2009

DRAFT



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I. Introduction

In accordance with the federal Safe Drinking Water Act Amendments (SDWA) of 1996 (P.L.104-182), which established a Drinking Water State Revolving Fund (DWSRF) Program to eligible states through a capitalization grant, the Virginia Department of Health (VDH) Office of Drinking Water (ODW) is making application for federal funding in the amount of a \$20,761,000 capitalization grant for its DWSRF Program under the American Recovery and Reinvestment Act (ARRA) of 2009.

The VDH has primary enforcement responsibility, or primacy, for the Commonwealth of Virginia's drinking water programs, and as such, is the designated agency to apply for and administer the capitalization grant for the DWSRF Program and related state funds. This ARRA grant application consists of the Intended Use Plan (IUP), the Comprehensive Project List (Attachment A), and the Fundable Project Priority List (Attachment B). The *Virginia Drinking Water State Revolving Fund Program - Program Design Manual*, dated January 12, 2009, is part of the IUP and outlines the Program's overall goal, the set-aside and construction aspects of the Program, entities eligible for funding, interest rates and terms, and criteria used to establish a Project Priority List. In compliance with the requirement in SDWA sec. 1452(b)(1) the IUP is made available and undergoes a public review and comment.

II. DWSRF Program Goals

The VDH is committed to using the capitalization grant for which it is applying to provide assistance to water systems for capital improvement projects which will further the public health protection objectives of the Safe Drinking Water Act, while proceeding quickly to construction and job creation. VDH's goal is to enter into binding commitments for projects which will proceed to construction or award of construction contracts by February 17, 2010. The VDH intends to award all assistance available under this capitalization grant in full conformance with the deadlines established under the ARRA and the terms and conditions of the capitalization grant award. The VDH recognizes that the goal of the ARRA is to expeditiously fund eligible projects that simultaneously will create jobs, promote economic recovery, and generate long-term benefits from infrastructure investment. In this grant, the VDH is being called upon to accomplish goals that may not previously have been priorities in its base SRF program. Some priorities and activities in the VDH's base program that may not practically be attainable within the timeframes associated with the ARRA will be pursued using funds made available through the base DWSRF program.

III. Sources and Uses of Funds

The VDH is applying for a capitalization grant in the amount of \$20,761,000. This represents the amount that USEPA Region 3 informed the State is eligible to receive under the State's allocation from the supplemental appropriation enacted under the ARRA. Note that the ARRA has waived the State match that the State is normally required to provide in order to receive a capitalization grant.

Presently the Commonwealth of Virginia does not intend to transfer ARRA funds from the CWSRF capitalization grant to the DWSRF grant. If however, any funds are transferred, the Commonwealth commits to manage and expend all funds thus transferred consistent with the requirements of the ARRA as outlined in the USEPA guidance.

The VDH intends to take a set-aside of three percent (3%) of the four percent (4%) maximum allowed for DWSRF Program Administration. VDH reserves the right to take the two percent (2%) Small Systems Technical Assistance and ten percent (10%) State Program Management Support set-asides, and the final one percent (1%) of the four percent (4%) DWSRF Program Administration set aside from future grants.

The following table summarizes the sources and uses of the capitalization grant for which the State is applying:

Table 1
Sources and Uses of Capitalization Grant

SOURCES	Amount
Capitalization Grant	\$20,761,000
USES	Amount
4% DWSRF Program Administration (3%)	\$622,830
2% Small System Technical Assistance	\$0
10% State Program Assistance for PWSS Program	\$0
Infrastructure Assistance Agreements	\$20,138,170

VDH is requesting three percent (3%), or \$622,830. of the sixteen percent (16%) available for current year set-asides, and ODW will allocate all eligible pre-award costs to the grant, retroactively upon award.

Of the sixteen percent (16%) total set-aside funding available, two percent (2%) of the Small Systems Technical Assistance, ten percent (10%) of the State Program Management Support, and one percent (1%) of the four percent (4%) Program Administration set-aside funding was not requested, leaving an additional \$2,698,930 for funding of eligible construction projects.

The VDH intends to take a set-aside of only three percent (3%) of the four percent (4%) maximum for DWSRF program administration. VDH reserves to right to take the two percent (2%) Small Systems Technical Assistance and ten percent (10%) State Program Management Support, and one percent (1%) of the four percent (4%) Program Administration set-asides from future grants.

A. Construction Projects

The VDH intends to provide approximately \$20,138,170 in ARRA funds for drinking water infrastructure construction activities. The Fundable Project Priority List (PPL) (Attachment B) identifies the construction projects VDH targets to receive dollars from ARRA funding in priority order, with a funding breakdown and other relevant project information. The PPL also provides additional projects to be funded, should funding become available (through re-allotment, offer rejection, project by-pass, or transfer of funds from other DWSRF grant awards). In order to utilize all ARRA funds VDH may combine ARRA funds and DWSRF base funds. The Comprehensive Project List (Attachment A) details all projects submitted during this state application process.

B. Set Asides

The ARRA set-asides are three categories of non-project funds that will be used for specified purposes up to a maximum amount allowable by federal statute and available through the current year grant award. An overview of major funding initiatives for the set-aside funds is given below.

- A. Administration and Technical Assistance: \$622,830 is 3% of the 4% available and allowed for the current year.
 - 1. Administration – These funds will support the administrative functions of the Program, including a four position temporary staff augmentation plan. These positions will be focused exclusively on working to ensure ARRA fund recipients are ready to proceed expeditiously to construction under the ARRA requirements. The estimated annual cost of the positions is \$160,000. Other administrative costs pertain to the review of applications and selected projects, application workshops, environmental reviews, analysis of applicants' ability to repay loans.

From this grant, VDH has budgeted \$200,000 to the Virginia Resources Authority (VRA) for credit analysis summaries for each project, project loan closings, funding disbursements, accounting tasks, compliance review of closed loans, annual audit of the

construction loan fund, and participation with VDH in EPA's annual onsite program review.

Another \$262,830 of set-aside funds will be utilized to contract for routine monitoring of projects in order to ensure that program requirements are being complied with, that the project is being managed properly by the recipient. Additionally, the vendor will ensure that the project is generally being constructed in accordance with approved plans and specifications, and that disbursements are being made for actual work in place.

IV. Criteria and Methods for Distribution of Funds

The *Virginia Drinking Water State Revolving Fund Program - Program Design Manual*, dated January 12, 2009, is part of the IUP and outlines the Program's overall goals, the set-aside and construction aspects of the Program, entities eligible for funding, interest rates and terms, and criteria used to establish a Project Priority List. The *Program Design Manual* is available at <http://www.vdh.virginia.gov/drinkingwater/financial/dwffundingprogramdetails.htm>. The IUP undergoes public comment via mailings, internet, and a public meeting. The IUP cover letter is also placed in the General Notices section of the Virginia Register.

The ARRA established certain requirements for use of ARRA funds. These include project construction initiation no later than February 17, 2010, and not less than 50% of the funds to be used for additional subsidization in the form of principle forgiveness, negative interest loan, grants or combination of these.

In addition the ARRA established certain goals for use of ARRA funds. These include a (Preference for Quick Start) goal of using at least 50% of the funds for activities that can be initiated no later than June 17, 2009, and not less than 20% of the funds to be used for projects to address green infrastructure (Green Project Reserve). In order to meet the established goals and requirements of the ARRA, VDH reserves the right to bypass higher ranked projects if necessary, to avoid re-allotment of funds. See Section E, Avoidance of Reallotment.

A. Loan Terms and Fees

Under the ARRA funding, the repayment period for loans is 30 years and the interest rate will be reduced to zero percent. Principle forgiveness may also be provided under the ARRA. See Section B, Additional Subsidization. No fees will be charged to the fund recipients.

B. Additional Subsidization

The ARRA requires that 50% of assistance provided be in the form of additional subsidies. These may be negative interest rates, principle forgiveness, grants, or any combination of these. In order to meet this requirement of the ARRA the VDH waived the following two requirements for projects to be considered disadvantaged:

- the population limit of 3300 or less,
- the proposed project monthly water rate at 3% for 20 years exceeded the target rate.

The VDH does not intend to provide any ARRA funding as negative interest rates or grants, however some principle forgiveness will be provided. The attached Fundable PPL demonstrates that at least 50% of the capitalization grant will be provided via principle forgiveness. Any

subsequent revision to this Fundable Project Priority list will likewise demonstrate that at least 50% of the capitalization grant will be provided via principle forgiveness.

C. Green Infrastructure

The ARRA requires that, to the extent there are sufficient eligible project applications, not less than 20% of the funds provided for projects be used for water efficiency, energy efficiency, green infrastructure, or other environmentally innovative activities. The projects listed in the attached Fundable Project Priority List (Attachment B) includes projects with a total assistance amount of \$23.7 million (out of \$20.1 million for infrastructure assistance requested in this IUP) that are designated on the List as meeting one or more of the specific objectives required by this provision. Where it is not clear that a project or component qualifies to be included as counting towards the 20% requirement, the files for such project will contain documentation of the business case on which the project was judged to qualify, as described in Attachment 8 to the USEPA guidance for the ARRA. Projects on the List meeting one or more objectives are designated as follows:

Green Infrastructure = G
Energy Efficiency = E
Water Efficiency = W
Other Environmentally Innovative Activity = O.

Seven projects listed on the attached Fundable Project Priority list have been identified as qualifying as green infrastructure projects for purposes of this requirement, based upon USEPA guidance. The VDH has determined that the components of the projects that qualify towards the green project reserve exceeds \$5 million. As the 20% requirement for the Commonwealth of Virginia amounts to a required total of \$4.152 million, VDH has met this requirement of the ARRA.

D. Priority for Projects Ready to Proceed/Preference for Expedious Activities

The VDH has a priority system for its DWSRF program that ranks projects in accordance with criteria associated with public health, compliance and economic need. However, the ARRA requires that priority be given to projects that will be ready to proceed to actual construction within 12 months of the date of enactment.

To implement this new priority, VDH established a target date of June 1, 2009 for the submission of plans and specifications for construction in order to be considered ready to proceed. VDH reviewed projects on its Fundable and Comprehensive Project Priority Lists, and determining which projects would be able to submit plans and specifications by the target date. Projects unable to meet the target date would be considered for 2010 DWSRF base funds.

In addition, ARRA section 1602 requires that “recipients shall give preference to activities that can be started and completed expeditiously, including a goal of using at least 50 percent of the funds for activities that can be initiated not later than 120 days after ... enactment” of the ARRA. To meet the Ready to Proceed goal, VDH utilized a June 1, 2009 deadline for the submission of plans and specifications for all (non-acute and non-chronic) public health and other projects and required a Preliminary Engineering Report to be submitted or approved.

E. Avoidance of Reallotment/Relationship to Base Program

In order to meet the requirements and deadlines of the ARRA for the expeditious and timely commitment and expenditure of funds, the VDH will regularly review the data reported to USEPA on the progress of assistance recipients under the statutory deadlines specified in this IUP to identify any issues with the timeliness of this progress. If such issues are identified, the VDH intends to work with USEPA to resolve such issues as may place the VDH at risk of re-allotment if not timely resolved. The VDH will include conditions in its binding commitments to ensure that assistance recipients make timely progress with respect to entering into contracts and/or construction. If a recipient fails to maintain progress with these conditions, VDH may bypass the project, defer the project to other DWSRF monies, or modify the project scope to meet the program needs.

The VDH understands that the USEPA may de-obligate grant funds from States that fail to meet requirements on use of funds. The VDH intends to avoid de-obligation.

If the Commonwealth of Virginia is eligible for additional funds made available from other States that fail to meet deadlines, the VDH will provide USEPA with a list of projects from its priority list that are ready to proceed to construction, and will also provide a certification through an amendment to this IUP that all funds received for these projects will be under contract for construction within 120 days of re-allotment.

V. Public Review and Comment

In compliance with the requirement in SDWA sec. 1452(b)(1) to provide for public review and comment, the IUP undergoes public comment via mailings, internet, and a public meeting.

The IUP cover letter is also placed in the General Notices section of the Virginia Register.

The VDH posted this Intended Use Plan in draft form at <http://www.vdh.virginia.gov/drinkingwater/financial/economicstimulusfunds.htm> beginning on May 8, 2009. The VDH also provided notice of the availability of this IUP to all organizations and individuals on its distribution list by email.

ATTACHMENT A

Comprehensive Project List

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COMPREHENSIVE LIST OF ALL APPLICATIONS RECEIVED

County/City	PUBLIC WATERWORKS OWNER	Project Name or Public Waterworks (PWS)	Service Population	Amount Requested
Accomack	Accomack County	North and South	Not Provided	\$ 5,000,000
Accomack	Triangle Enterprises, Inc.	Triangle Water Metering Project	158	\$ 48,800
Albemarle	Miller School of Albemarle	Miller School Storage Tank	22	\$ 108,087
Albemarle	Public Service Water Company of Virginia	Corville Farm Subdivision	41	\$ 88,882
Alleghany	Iron Gate, Town of	Iron Gate Water tank Replacement	720	\$ 849,208
Amherst	Amherst, Town of	60 W. Water Line Replacement	2,306	\$ 1,363,626
Amherst	Amherst, Town of	Ambriar Loop/Replacement Project	2,306	\$ 635,125
Amherst	Amherst, Town of	Automated Meter Reading (AMR) System	2,306	\$ 250,000
Amherst	Amherst, Town of	Main St. Water Line Abandonment Project	2,306	\$ 50,000
Amherst	Amherst, Town of	Water Treatment Plant Improvements	2,306	\$ 766,091
Appomattox	Appomattox County	Concord to Appomattox Water Line	190	\$ 4,000,000
Arlington	Arlington, County Board of	Water Main Relining	88,318	\$ 1,055,000
Arlington	Metropolitan Washington Airports Authority	Alternate Water Supply, Phase B & C	Not Provided	\$ 300,000
Augusta	Augusta County SA	Blackburn Water and Energy Efficiency	833	\$ 401,573
Augusta	Augusta County SA	Dooms Water and Energy Efficiency	2,112	\$ 800,000
Augusta	Augusta County SA	Verona Water and Energy Efficiency	3,763	\$ 599,697
Augusta	Augusta County SA	Weyers Cave Water Treatment Plant	1,841	\$ 305,424
Bath	Bath County PSA	High School Well #2	1,769	\$ 50,000
Bland	Bland County	East River Mountain	1,027	\$ 1,000,000
Bland	Bland County	Exit 52 Water Line Extension	475	\$ 406,525
Bland	Bland County	Route 606 Water Line Extension	475	\$ 5,192,491
Botetourt	Buchanan, Town of	Distribution System Upgrades/line replacement	1,121	\$ 4,356,845
Botetourt	Buchanan, Town of	Microfiltration WTP	1,121	\$ 1,395,500
Botetourt	Fincastle, Town of	Water System Interconnection	497	\$ 100,000
Bridgewater	Bridgewater, Town of	Bridgewater WTP Storage Tank	20,681	\$ 855,000
Bristol, City of	Bristol Virginia Utilities	2009 Galvanized Waterline Replacement	16,402	\$ 330,456
Bristol, City of	Bristol Virginia Utilities	2009 WTP Renovations	19,142	\$ 1,191,194
Bristol, City of	Bristol Virginia Utilities	Automated Meter Reading (AMR) System	19,142	\$ 1,500,000
Bristol, City of	Bristol Virginia Utilities	WTP Emergency Generator	19,142	\$ 989,858
Brunswick	Lawrenceville, Town of	WTP Upgrades	1,802	\$ 715,000
Buchanan	Buchanan Co PSA	Hurley Regional Water Phase II	533	\$ 8,321,381
Buchanan/Dickens	John Flannagan Water Authority	1M Gallon Water Storage Tank	28,891	\$ 952,000
Buckingham	Buckingham County Water Systems (BCWS)	New Water Treatment Plant	982	\$ 4,000,000
Buena Vista, City of	Buena Vista, City of	18th Street Tank	1,807	\$ 138,750
Buena Vista, City of	Buena Vista, City of	34th Street Tank	1,807	\$ 215,500
Campbell	Brookneal, Town of	Town of Brookneal Water System Improvement	1,085	\$ 705,104
Campbell	Campbell County Utilities and Service Authority	Rainbow Forest Water Line	228	\$ 565,000
Campbell	Campbell County Utilities and Service Authority	Tanglewood Water Tank	15,715	\$ 2,000,000
Carroll	Carroll County PSA	Airport Road 100 Connector	394	\$ 2,239,520
Carroll	Carroll County PSA	Fancy Gap Extension	5,261	\$ 3,714,900
Carroll	Carroll County PSA	Honeycutt Dan Road Water Improvements	79	\$ 338,800
Cedar Bluff	Cedar Bluff, Town of	Service Meter Replacements (Phase I)	1,723	\$ 50,000
Cedar Bluff	Cedar Bluff, Town of	Water System Accountability Improvements Phase II	1,680	\$ 496,000
Charlotte	Keysville, Town of	Water Efficiency Project -Equip Conversion	1,015	\$ 25,000
Charlotte	Keysville, Town of	Water Meter Replacements	1,015	\$ 50,000
Charlotte	Keysville, Town of	WTP Production Meter Replacement	1,015	\$ 25,000
Charlotte	Phenix, Town of	Municipal Well Project (new)	312	\$ 40,840
Charlottesville	Charlottesville, City of	Hardwood, Westwood, King, Winston streets	173	\$ 625,000
Charlottesville	Charlottesville, City of	Lambeth Pump Station	29,923	\$ 79,000
Chesapeake	Chesapeake, City of	Atlantic Intercostals Waterway Water Main replacement	60,031	\$ 1,390,200
Chesterfield	Chesterfield County DPU	Crosby Road Water Tank	239,810	\$ 4,515,000
Chesterfield	Chesterfield County DPU	Jahnke Rd. Waterline Replacement - Buford Farm	227,714	\$ 1,165,000
Chesterfield	Chesterfield County DPU	Southwest Corridor Phase II extension	239,810	\$ 9,000,000
Chilhowie	Chilhowie, Town of	Town Tank	1,466	\$ 1,078,000
Claremont	Claremont, Town of	Claremont Water Improvement	722	\$ 30,000
Clarke	Berryville, Town of	AM Liner to Josephine Loop	3,382	\$ 366,000
Clarke	Berryville, Town of	Buckmarsh Water Line Replacement	3,382	\$ 2,182,000
Clarke	Berryville, Town of	East Main Street to Battletown Loop Closure	3,382	\$ 175,000
Clarke	Berryville, Town of	WTP Clearwell Expansion	3,382	\$ 72,000
Clarke	Berryville, Town of	WTP Emergency Generator	3,382	\$ 158,000
Clarke	Clarke County Sanitary Authority	Boyce-Millwood System Improvements	912	\$ 348,785
Clarke	Clarke County Sanitary Authority	Prospect Hill Spring Generator	912	\$ 150,900
Clintwood, Town of	Clintwood, Town of	Osborne Ave./Phipps PRV Replacement	4,373	\$ 49,800
Colonial Beach, City of	Colonial Beach, Town of	Waterline Replacement Project	5,882	\$ 703,000
Covington, City of	Covington, City of	Water Accountability Project	6,972	\$ 3,284,000
Craig	Craig-New Castle PSA	Development of Well #4	1,037	\$ 73,200
Culpeper	Ridge Water Association	Ridge Water Association Project	48	\$ 38,000
Culpeper / Madison	Heritage Homes of Virginia	Heritage Homes Metering	386	\$ 193,200
Essex	Raven Run, LLC	Riverview Mobile Estates	72	\$ 250,000
Essex	Tappahannock, Town of	Tappahannock Storage Tank Replacement and	2,602	\$ 1,428,000
Fairfax	City of Fairfax	Disinfection By-products	20,681	\$ 2,000,000
Fairfax	City of Fairfax	Main St. Sager Ave Waterlines	20,681	\$ 1,500,000
Fairfax	City of Fairfax	Transmission Main Evaluation	20,681	\$ 600,000
Fairfax	City of Fairfax	University Dr Lee Hy	20,681	\$ 1,500,000
Fairfax	Fairfax County Water Authority	Penderwood Site #2	537,600	\$ 9,093,000
Fauquier	Fauquier County Water and Sanitation Authority	Marshall Water Lines and Well	Not Provided	\$ 4,000,000
Fauquier	Fauquier County Water and Sanitation Authority	New Baltimore Well	Not Provided	\$ 1,050,000
Fauquier	Fauquier County Water and Sanitation Authority	Opal Water System		\$ 11,927,500

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COMPREHENSIVE LIST OF ALL APPLICATIONS RECEIVED

County/City	PUBLIC WATERWORKS OWNER	Project Name or Public Waterworks (PWS)	Service Population	Amount Requested
Fluvanna	Roger Crawford	Stagecoach Hills Storage Tank	70	\$ 123,690
Fluvanna / Louis	James River Water Authority	Raw Water Transmission/Treatment Plant	11,328	\$ 48,805,000
Franklin	Boones Mill, Town of	Water System Upgrade	571	\$ 5,011,000
Franklin	Ferrum Water and Sewer Authority	Upgrades	401	\$ 323,115
Franklin	Franklin, County of	Rocky Mount Sewer Connection	Not Provided	\$ 4,970,560
Franklin	Franklin, County of	US Rt 220 Water Line Ext & Tank Installation	Not Provided	\$ 1,340,801
Franklin	Franklin, County of	US Rt 220 Water Line Ext Brick Church Rd. -	Not Provided	\$ 1,340,801
Franklin	Franklin, County of	US Rt 220 Water Line Ext to Green Level	Not Provided	\$ 1,727,995
Franklin	Signet Group	Meadows Apartments	113	\$ 310,008
Fredrick	Shawneeland Water Company	Shawneeland Metering	254	\$ 127,200
Galax	Galax, City of	Fries Road Improvements	5,880	\$ 415,540
Giles	Giles County	WTP Expansion PER Raw Water Pilot Study	14	\$ 100,000
Giles	Glen Lyn, Town of	East River Bridge Project	166	\$ 623,070
Giles	Pearisburg, Town of	Easton Road and Woodrum Street Improvem	158	\$ 411,100
Giles	Rich Creek, Town of	Rich Creek Meter Replacement	307	\$ 50,000
Gloucester	Gloucester County	Waterline Rehabilitation	9,454	\$ 587,725
Grayson	Fries, Town of	WTP Filter Improvements	742	\$ 382,000
Greene	Rapidan Public Service Authority	Standardsville Water Improvement Project	1,001	\$ 7,500,000
Greene	Rapidan Public Service Authority	Standardsville Water Line Improvements and	1,001	\$ 300,000
Greene	Mountain Lakes Water Company	Reservoir MLWC	1,855	\$ 165,934
Greensville	Greensville County Water and Sewer Au	US Route 301 South	62	\$ 2,899,985
Hanover	Hanover County DPU	Dianne Ridge Water Tank	53	\$ 88,323
Hanover	Hanover County DPU	Hanover-Richmond Water Transmission Mair	46,733	\$ 2,198,000
Hanover	Hanover County DPU	Meadowbridge Water Line	43,298	\$ 426,411
Harrisonburg, Ci	Harrisonburg, City of	8 MG Prestressed Water Tank - Tower St.	56,906	\$ 2,272,000
Harrisonburg, Ci	Harrisonburg, City of	South Fork Raw Water Improvements	58,406	\$ 23,830,000
Henrico	Henrico County Dept of Public Utilities	Water Rehabilitation Phase I	212,724	\$ 1,780,000
Henrico	Henrico County Dept of Public Utilities	Water Rehabilitation Phase II	212,724	\$ 2,090,000
Henry	Henry County PSA	Route 58 West Water Project	26,928	\$ 1,653,100
Henry	Henry County PSA	Stand-by Power Generators	29,650	\$ 1,412,000
Henry County	Henry County PSA	Monta Vista Water System Improvements	26,880	\$ 783,484
Honaker, Town c	Honaker, Town of	Radio Read Meter Retrofit Project	1,627	\$ 215,740
Independence, T	Virginia/Carolina Water Authority	Virgnia/Carolina WTP	4,344	\$ 200,000
Isle of Wight	Central Water System	Cannon Acres Test Well & Water Meters	139	\$ 35,700
Isle of Wight	Central Water System	Cherry Grove Test Well	86	\$ 12,500
Isle of Wight	Central Water System	Deer Run Water Meters	72	\$ 12,000
Isle of Wight	Central Water System	Longview Test Well & Water Meters	108	\$ 30,100
Isle of Wight	Central Water System	Springfield Downs Test Well & Water Meters	108	\$ 12,500
Isle of Wight	Central Water System	Wrenns Mill Water Meters	437	\$ 72,800
James City Cour	James City Service Authority	Longhill Road Waterline	44,066	\$ 550,000
James City Cour	James City Service Authority	W-25 & W-26 Well Facility Rehab	44,066	\$ 600,000
James City Cour	James City Service Authority	Water Conservation Rebates	44,066	\$ 250,000
James City Cour	James City Service Authority	Williamsburg Landing College Creek Waterlin	44,066	\$ 505,050
King and Queen	Walkerton Water System	Walkerton Water System	82	\$ 125,000
King George	King George County Service Authority	Fairview Beach Water System Improvements	672	\$ 1,590,000
Lancaster	New Tides, LLC	Tides Utilities Water and Sewer Systems	1,490	\$ 3,048,460
Lee	Dryden Water Authority	System Improvement Project	1,411	\$ 1,578,088
Lee	Jonesville, Town of	Town Branch PS Interconnect	Not Provided	\$ 137,000
Lee	Lee County PSA	Thompson Settlement Water Extension	204	\$ 2,263,772
Loudoun	Loudoun County Sanitation Authority (db	Dulles South Water Booster Pump Station	150,271	\$ 848,175
Loudoun	Loudoun County Sanitation Authority (db	Dulles South Water Storage Tank	150,271	\$ 10,679,212
Loudoun	Loudoun County Sanitation Authority (db	Lansdowne Portable Pump Interconnection	150,271	\$ 123,625
Loudoun	Loudoun County Sanitation Authority (db	Potomac River Raw Water Main	150,271	\$ 2,560,000
Loudoun	Loudoun County Sanitation Authority (db	Raspberry Falls Replacement Well and Emerg	302	\$ 350,000
Loudoun	Loudoun County Sanitation Authority (db	Route 28 Water Supply Main (PPEA) Phase I	150,271	\$ 963,441
Loudoun	Loudoun County Sanitation Authority (db	Route 28 Water Supply Main (PPEA) Phase II	150,271	\$ 674,819
Loudoun	Loudoun County Sanitation Authority (db	Sterling Boulevard Water Main Phase II	150,271	\$ 5,410,000
Louisa	Louisa, Town of	Water Distribution Improvements	1,320	\$ 36,210
Louisa	Louisa, Town of	Water Distribution Improvements - Southern I	1,320	\$ 220,000
Louisa	Louisa, Town of	Well House/Town Spring Renovations	1,320	\$ 395,000
Martinsville, City	Martinsville, City of	Caustic Soda Storage Tank	16,320	\$ 210,000
Martinsville, City	Martinsville, City of	Water Plant Pump	16,320	\$ 50,000
Martinsville, City	Martinsville, City of	1.0 MG Water Tank rehab	16,320	\$ 143,000
Mecklenburg	Roanoke River Service Authority	Byproduct Disinfection Project	1,853	\$ 2,000,000
Montgomery	Montgomery County PSA	Council Lane Oilwell Road Line Replacement	103	\$ 242,025
Montgomery	Montgomery County PSA	McCoy Road Water Line Replacement	74	\$ 283,605
Montgomery	Montgomery County PSA	Old Roanoke Rd. Waterline Replacement	77	\$ 208,278
Montgomery	Montgomery County PSA	Riffe Street Water Line Replacement	82	\$ 296,940
Montgomery	Montgomery County PSA	Water Meter Replacement	2,338	\$ 183,404
Nelson	Nelson County	Waterline Ext to Ferguson's Store, Henderson	240	\$ 900,000
Nelson	Nelson County Service Authority	Automated Meter Reading Upgrade	1,337	\$ 29,000
Nelson	Nelson County Service Authority	Fracking Potable Wells	6,456	\$ 48,000
Nelson	Nelson County Service Authority	Lovingsston Water Line Upgrade	953	\$ 25,000
Nelson	Nelson County Service Authority	Schuyler WTP Membrane Upgrade	384	\$ 130,000
Nelson	Nelson County Service Authority	Wintergreen WTP Upgrade	5,503	\$ 2,000,000
New Kent	new Kent County	Whitehouse Farms Well Replacement	4,519	\$ 250,000
New Kent	Woodhaven Water Company	Water Meter Installation	1,142	\$ 627,263
Newport News	Newport News Waterworks	Nothern Zone Capacity Improvements	314,880	\$ 4,820,000

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COMPREHENSIVE LIST OF ALL APPLICATIONS RECEIVED

County/City	PUBLIC WATERWORKS OWNER	Project Name or Public Waterworks (PWS)	Service Population	Amount Requested
Norfolk	Norfolk, City of	Craney Island Raw Water Main	143,935	\$ 1,792,125
Norfolk	Norfolk, City of	Driver Raw Water Main	143,935	\$ 417,804
Norfolk	Norfolk, City of	Reids Ferry raw Water Main	143,935	\$ 2,683,815
Northampton	Exmore, Town of	Water System Improvements	1,414	\$ 341,722
Northampton	Northampton County	Wells 2 & 3 Government Complex	12	\$ 257,000
Northampton	Cape Charles, Town of	Connect New Wells	2,760	\$ 271,600
Northumberland	Christopher Goddard	Greenfield Harbour I	53	\$ 121,090
Northumberland	Christopher Goddard	Greenfield Harbour II	67	\$ 121,090
Northumberland	Potomac Bay Estates Property Owners A	PBE Water System Improvement	79	\$ 60,000
Norton	Norton, City of	Big Stone Gap Norton Interconnect Tank	4,682	\$ 530,000
Norton, City of	Norton, City of	Lower Norton Reservoir Study	5,506	\$ 80,000
Nottoway	Blackstone, Town of	College Ave/Lunenburg Ave./Ridge Rd. Water	110	\$ 267,478
Nottoway	Hickory Hill Retirement Community	Well Replacement	2	\$ 40,000
Orange	Orange, Town of	Orange Transmission Line and Downtown W	4,514	\$ 1,262,000
Pamplin	Pamplin, City of	Water Tank Overhaul (75k gal elev)	216	\$ 155,000
Pittsylvania	Pittsylvania County Schools	Union Hall E.S. Water System	2	\$ 188,955
Portsmouth	Portsmouth, City of	Downtown Water & Sewer Rehabilitation Zon	199	\$ 3,533,873
Portsmouth	Portsmouth, City of	Lake Kilby Raw Water Pump Facility	74,503	\$ 6,439,586
Portsmouth	Portsmouth, City of	Prentis Park Waterline Replacement	1,805	\$ 4,808,249
Powhatan	Powhatan, County of	Flat Rock Waterline Ext.	106	\$ 3,900,000
Prince Edward	Farmville, Town of	Phase II and Phase III Water Improvements	6,662	\$ 4,283,687
Prince William	Prince William County Service Authority	Independent Hill Replacement Storage Tank	8,239	\$ 3,199,000
Pulaski	Pulaski County PSA	Water Distribution System Improvements	9,811	\$ 550,000
Pulaski	Pulaski County PSA	Water Line Installations	9,811	\$ 2,000,000
Pulaski	Pulaski County PSA	Water Treatment Plant Improvements	9,811	\$ 500,000
Radford	Radford, City of	West End/ Rock Road Tank	12,293	\$ 2,444,800
Richmond, City of	Richmond, City of	31st street Main Upgrade	91	\$ 360,000
Richmond, City of	Richmond, City of	Cofer Road Tank	124,728	\$ 424,000
Richmond, City of	Richmond, City of	Main St. Main Replacements	124,728	\$ 809,000
Roanoke, City of	Western Virginia Water Authority	Liberty Rd. Water Line Replacement	137	\$ 217,000
Roanoke, City of	Western Virginia Water Authority	Rorer Ave Water Line Replacements	98	\$ 101,000
Roanoke, City of	Western Virginia Water Authority	Rugby Blvd. Water Line Replacements	98	\$ 174,000
Roanoke, City of	Western Virginia Water Authority	Salem Trnpk Water Line Replacement	163	\$ 590,000
Roanoke, City of	Western Virginia Water Authority	Water Meter Replacements	11,578	\$ 596,000
Rockbridge	Goshen, Town of	Water System Replacement	367	\$ 1,915,500
Rockbridge	Maury Service Authority	Enfield and Route 11 Line Replacement	5,210	\$ 1,238,000
Rockbridge	Rockbridge County Public Service Autho	16" Transmission Main	4,099	\$ 2,537,905
Rockbridge	Rockbridge County Public Service Autho	Route 251 Tank Replacement	4,099	\$ 1,175,835
Rockingham	Bridgewater, Town of	Chemical Feed Replacement	5,028	\$ 24,920
Rockingham	Bridgewater, Town of	Water Pump Replacement	5,028	\$ 21,500
Rockingham	Broadway, Town of	Plains Mill Spring WTP	3,079	\$ 7,000,000
Rockingham	Rockingham County	RMH Water Line & Tank	6,768	\$ 1,338,800
Russell	Castlewood Water and Sewer Authority	Cleveland to Carbo Interconnect	1,054	\$ 674,478
Russell	Castlewood Water and Sewer Authority	Greystone Area Water Line Replacement	4,850	\$ 384,465
Russell	Castlewood Water and Sewer Authority	Radio Read Meter Retrofit Project	4,850	\$ 432,745
Russell	Castlewood Water and Sewer Authority	Rt. 58/Memorial Dr. Line Replacement	396	\$ 784,936
Russell	Lebanon, Town of	Tank and Line Replacement	3,710	\$ 2,543,621
Russell	Russell County PSA	New Garden/Finney Water Line Ext.	389	\$ 2,335,843
Russell	Russell County PSA	Radio Read Meter Retrofit Project	4,435	\$ 411,032
Russell	Russell County PSA	Rt 664/Rt. 603 Waterline Ext.	187	\$ 1,285,414
Scott	Gate City, Town of	Moccasin Hills Master Pan Phase III	2,719	\$ 1,240,203
Scott	Gate City, Town of	Regional Water Main Improvements Phase 2	2,719	\$ 380,497
Scott	Gate City, Town of	Water Treatment Plant Efficiency	2,719	\$ 758,976
Scott	Scott County PSA	Daniel Boone to Natural Tunnel WL ext.	1,200	\$ 1,649,979
Scott	Scott County PSA	Hillside Water Extension	9,120	\$ 50,000
Scott	Scott County PSA	Newland Hollow Water Extension & Moccasin	9,120	\$ 50,000
Scott	Scott County PSA	Otterhouse to Beach Grove WL ext.	235	\$ 2,253,754
Scott	Scott County PSA	Route 65 Spivey Store to 3-Way Grocery WL	264	\$ 2,214,432
Shenandoah	Edinburg, Town of	Water Distribution Improvements	982	\$ 73,180
Shenandoah	Mount Jackson, Town of	Water Line Replacement under Shenandoah I	2,059	\$ 235,000
Smyth	Marion, Town of	Marion 365,000 Gal Water Tank Rehab	8,450	\$ 103,775
Smyth	Marion, Town of	South Main Street Water Replacement	8,592	\$ 163,350
Smyth	Rye Valley Water Authority	Source Water Improvements	1,274	\$ 1,356,600
Smyth	Smyth County Board of Supervisors	Burgess Hollow Water line Ext.	5,124	\$ 75,000
Smyth	Smyth County Board of Supervisors	Fox Valley Rd. Water line Ext.	46	\$ 500,000
Smyth	Smyth County Board of Supervisors	Good Pasture Hollow Water line Ext.	5,124	\$ 75,000
Smyth	Smyth County Board of Supervisors	Highway 16 Water line Ext.	5,124	\$ 45,000
Smyth	Smyth County Board of Supervisors	Kelly Hill - Mulberry Water line Ext.	5,124	\$ 1,000,000
Smyth	Smyth County Board of Supervisors	Lucky Lane Water line Ext.	5,124	\$ 400,000
Smyth	Smyth County Board of Supervisors	Porter Valley Rd. Water line Ext.	5,124	\$ 500,000
Southampton	Ivor, Town of	Ivor Well Improvements	511	\$ 166,100
Staunton	Staunton, City of	Route 262 Water Line Loop	19,200	\$ 3,241,245
Stuart, Town of	Stuart, Town of	WTP Backwash Line	1,495	\$ 381,400
Surry	Dendron, Town of	Water Upgrade	324	\$ 1,753,750
Tazewell	Pocahontas, Town of	WTP Improvements Clearwell replacement	1,178	\$ 122,600
Tazewell	Tazewell County PSA	Claypool Hill WTP Study	2,954	\$ 160,500
Tazewell	Tazewell County PSA	St. Clair Heights	338	\$ 1,548,390
Virginia Beach, C	Virginia Beach, City of; DPU	Water Pump Station Upgrades	298,476	\$ 1,200,000

COMPREHENSIVE LIST OF ALL APPLICATIONS RECEIVED

County/City	PUBLIC WATERWORKS OWNER	Project Name or Public Waterworks (PWS)	Service Population	Amount Requested
Warren	Shenandoah Shores Coop Water Assoc.	Improvement Project	730	\$ 818,600
Warren	Winchester, City of	North End Water Main	23,484	\$ 3,000,000
Warren	Winchester, City of	Water Treatment Plant Upgrade	23,484	\$ 25,000,000
Washington	Washington County SA	Green Springs Rd.	46,474	\$ 260,000
Washington	Washington County SA	Mendota Rd Phase II Waterline Ext.	49,039	\$ 583,341
Washington	Washington County SA	Red Fox Waterline Ext	49,039	\$ 71,437
Washington	Washington County SA	Reedy Creek Water System Improvements	46,474	\$ 4,334,000
Washington	Washington County SA	Rich Valley/White Mill Rd Waterline Ext	49,039	\$ 1,456,056
Washington	Washington County SA	Route 58 Water Storage Improvements Project	49,039	\$ 4,633,000
Washington	Washington County SA	Seven Springs Zone Secondary Supply	19,200	\$ 270,000
Washington	Washington County SA	Whites Mill Rd Waterline Improvements	1,824	\$ 2,575,000
Westmoreland	Mattox Development	Placid Bay estates	Not Provided	\$ 82,000
White Stone	Alpha Water Corporation	Foxwells Metering and Mains	178	\$ 160,000
Wise	Appalachia, Town of	System Improvements	2,818	\$ 774,577
Wise	Coeburn, Town of	Water System Improvements Phase I	3,593	\$ 1,493,763
Wise	Pound, Town of	Improvements - Phase I	2,650	\$ 1,552,470
Wise	St. Paul, Town of	2009 Water System Rehabilitation	1,409	\$ 400,000
Wise	St. Paul, Town of	Rt 58A Water Line Bridge Attachment	1,409	\$ 600,000
Wise	Wise County PSA	Disinfection By-Product Abatement	10,968	\$ 490,000
Wise	Wise, Town of	Modoc Water Tank and Darden Dr. Water Line	Not Provided	\$ 850,000
Wythe	Rural Retreat, Town of	Phillippi Spring #2	2,074	\$ 307,206
		TOTAL =		\$ 416,636,360

ATTACHMENT B

Fundable Project Priority List

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ARRA PROJECT PRIORITY LIST - FUNDABLE RANGE

Priority	COUNTY/CITY	WATERWORKS OWNER	BRIEF PROJECT DESCRIPTION	Amount Requested	Amount Eligible	ARRA Remaining Balance	Principal Forgiveness	Projected GPR this project	Notes
1	Scott	Scott County PSA	Otterhouse to Beach Grove Waterline Ext.	\$ 2,253,754	\$ 2,248,903	\$ 17,889,267	100%	\$ -	
2	Russell	Russell County PSA	Rt 664/Rt. 603 Waterline Ext.	\$ 1,285,414	\$ 1,285,414	\$ 16,603,853	100%	\$ -	
3	Franklin	Boones Mill, Town of	Water System Upgrade	\$ 5,011,000	\$ 3,396,400	\$ 13,207,453	100%	\$ 1,232,171	W, E
4	Campbell	Brookneal, Town of	Water System Improvements	\$ 705,104	\$ 705,104	\$ 12,502,349	100%	\$ 705,104	W, E
5	Brunswick	Lawrenceville, Town of	WTP Upgrades	\$ 715,000	\$ 715,000	\$ 11,787,349	100%	\$ -	
6	Rockbridge	Goshen, Town of	Water System Replacement	\$ 1,915,500	\$ 1,000,000	\$ 10,787,349	75%	\$ 1,000,000	W
7	Tazewell	Pocahontas, Town of	WTP Improvements Clearwell replacement	\$ 122,600	\$ 122,600	\$ 10,664,749	50%	\$ -	
8	Portsmouth	Portsmouth, City of	Prentis Park Waterline Replacement	\$ 4,808,249	\$ 4,808,249	\$ 5,856,500	50%	\$ -	
9	Smyth	Marion, Town of	South Main Street Water Replacement	\$ 163,350	\$ 163,350	\$ 5,693,150	100%	\$ -	
10	Wise	Wise County PSA	Disinfection By-Product Abatement	\$ 490,000	\$ 490,000	\$ 5,203,150	75%	\$ 490,000	W, E
11	Alleghany	Iron Gate, Town of	Iron Gate Water tank Replacement	\$ 849,208	\$ 700,000	\$ 4,503,150	100%	\$ -	
12	Wise	St. Paul, Town of	2009 Water System Rehabilitation	\$ 400,000	\$ 403,604	\$ 4,099,546	50%	\$ -	
13	Wise	Pound, Town of	Improvements - Phase I	\$ 1,552,470	\$ 1,552,470	\$ 2,547,076	75%	\$ 1,552,470	W, E
14	Roanoke, City of	Western Virginia Water Authority	Rorer Ave Water Line Replacements	\$ 101,000	\$ 100,550	\$ 2,446,526	75%	\$ 100,550	W
15	Wise	Appalachia, Town of	System Improvements	\$ 774,577	\$ 747,891	\$ 1,698,635	75%	\$ -	
16	Roanoke, City of	Western Virginia Water Authority	Rugby Blvd. Water Line Replacements	\$ 174,000	\$ 173,800	\$ 1,524,835	75%	\$ 173,800	W
17	Harrisonburg, City of	Harrisonburg, City of	Tower St. Water Tank	\$ 2,272,000	\$ 2,272,000	see note 1	50%	\$ -	1
18	Radford	Radford, City of	West End/ Rock Road Tank	\$ 2,444,800	\$ 2,305,189	see note 1	50%	\$ -	1
19	King and Queen	Walkerton Water System	Walkerton Water System	\$ 125,000	\$ 125,000	see note 1	75%	\$ -	1
20	Richmond, City of	Richmond, City of	31st Street Main Upgrade	\$ 360,000	\$ 377,521	see note 1	50%	\$ -	1

Notes: GPR = Green Project Reserve. GPR amounts are pending and subject to verification.
GPR key; Green Infrastructure = G, Energy Efficiency = E, Water Conservation = W, Other = O
1 - ARRA allocated funds are insufficient to fund full project amount. Project proposed for funding depending upon ARRA funds availability to DWSRF.