


**Complete only applicable sections:**  
**(Use the <Tab> key to navigate the form fields)**

The undersigned representative of the applicant certifies that the information contained herein and the attached statements and documents are true, correct and complete to the best of his or her knowledge and belief.

Name	Title	Signature	Date
Brian M. Key	Executive Director		4/30/2015

**Section I. Applicant Information**

1. Legal Name of Applicant:	Bedford Regional Water Authority		
2. Tax ID#:	46-1592994		
3. Address:	Address 1: 1723 Falling Creek Rd. Address 2: City: Bedford State: VA Zip: 24523		
4. Phone:	(540) 586-7679		
5. FAX:	(540) 586-5805		
6. Primary Contact:	Name: Brian M. Key	Phone: (540) 586-7679 E-mail: b.key@brwa.com	
7. Amount of Requested Proceeds	\$ 28,480,000 Project Fund Amount \$ _____ Local Costs of Issuance \$ _____ Total Requested Proceeds		
8. Desired Loan Term:	30 Years		
9. Does the locality want to capitalize interest?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, for how many months?		

10. Applicant Consultants			
Consulting Engineer and/or Architect			
Firm Name:	Black & Veatch Corporation		
Address:	Address 1: 5029 Corporate Woods Dr. Address 2: Suite 170 City: Virginia Beach State: VA Zip: 23462		
Phone:	(757) 456-5380		
FAX:	(757) 456-5383		
Contact Name:	Paul J. Delphos, PE		

Contact Email:	delphosp@bv.com
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Bond Counsel*		
Firm Name:	Glenn, Feldmann, Darby & Goodlatte	
Address:	Address 1: PO Box 2887	
	Address 2:	
	City: Roanoke	State: VA Zip: 24001
Phone:	(540) 224-8006	
FAX:	(540) 224-8050	
Contact Name:	Sam Darby	
Contact Email:	HDarby@glennfeldmann.com	

\*local bond counsel should be a nationally recognized bond counsel firm that currently serves or has served as bond counsel on debt transactions for governmental entities

Financial Advisor		
Firm Name:	Davenport & Company LLC	
Address:	Address 1: 901 East Cary Street	
	Address 2: Suite 1100	
	City: Richmond	State: VA Zip: 23219
Phone:	(804) 697-2907	
FAX:	(804) 549-4900	
Contact Name:	Ted Cole	
Contact Email:	tcole@investdavenport.com	



## APPLICATION INSTRUCTIONS

Complete the application form and attach all requested information. When the requested information is contained in an attached document, cite the document and page number where the information can be found (Example: See page 14 of the Preliminary Engineering Report).

Please send two copies of the completed application (including all attachments) to:

Virginia Resources Authority ("VRA")

1111 East Main Street, Suite 1920

Richmond, Virginia 23219

Alternatively, an electronic version of the application may be transmitted via email to VRA at [loanrequireddocs@virginiaresources.org](mailto:loanrequireddocs@virginiaresources.org).

***Please note, the application deadline for participation in the fall 2014 Virginia Pooled Financing Program is Friday, August 1, 2014.***

## PROGRAM SUMMARY

<b><i>Authorized Project Areas</i></b>	<i>Wastewater</i>	<i>Water</i>	<i>Public Safety</i>	<i>Local Government Buildings</i>
	<i>Solid Waste</i>	<i>Airports</i>	<i>Transportation</i>	<i>Energy</i>
	<i>Broadband</i>	<i>Parks and Recreation</i>		<i>Flood Prevention / Dam Safety</i>
	<i>Brownfield Remediation</i>	<i>Federal Facility Development</i>		
	<i>Land Conservation &amp; Preservation Administrative &amp; Operations Systems</i>			
	<i>Site Acquisition / Development for Economic &amp; Community Development</i>			
	<i>Oyster Restoration</i>	<i>Defective Drywall Correction &amp; Restoration</i>		
<b><i>Terms</i></b>	<i>Up to 30 years, based on expected useful life</i>			
<b><i>Security</i></b>	<i>General Obligation, revenue pledge, or lease purchase (security is subject to VRA approval)</i>			
<b><i>Rates</i></b>	<i>Based on VRA's "AAA/AA" credit rating</i>			
<b><i>Annual Administrative Fee</i></b>	<i>0.125% of outstanding principal, paid semi-annually; covers compliance and program administration costs associated with the loan</i>			
<b><i>Costs of Issuance</i></b>	<i>VRA Loan Origination</i>	<i>0.125% of loan par amount</i>		
	<i>Legal</i>	<i>Based on # of borrowers and loan structure</i>		
	<i>VRA Financial Advisor</i>	<i>Prorated based on loan amount</i>		
	<i>Ratings</i>	<i>Prorated based on loan amount</i>		
	<i>Trustee</i>	<i>Shared equally among borrowers</i>		
	<i>Underwriter's discount</i>	<i>Prorated based on loan amount</i>		
	<i>Printing / Electronic Disclosure</i>	<i>Shared equally among borrowers</i>		

**Complete only applicable sections:**  
**(Use the <Tab> key to navigate the form fields)**

The undersigned representative of the applicant certifies that the information contained herein and the attached statements and documents are true, correct and complete to the best of his or her knowledge and belief.

Name	Title	Signature	Date
Brian Key	Executive Director		Brian M. Key 2014.07.31 16:10:19 -04'00'

**Section I. Applicant Information**

1. Legal Name of Applicant:	Bedford Regional Water Authority		
2. Tax ID#:	46-1592994		
3. Address:	Address 1: 1723 Falling Creek Road Address 2: City: Bedford State: VA Zip: 24523		
4. Phone:	(540) 586-7679		
5. FAX:	(540) 586-5805		
6. Primary Contact:	Name: Brian Key, Executive Director	Phone: (540) 586-7679 E-mail: b.key@brwa.com	
7. Amount of Requested Proceeds	\$ 29,000,000 Project Fund Amount (\$35 million project cost less \$6 million contribution from WVWA) \$ 150,000 (estimated) Local Costs of Issuance \$ 29,150,000 Total Requested Proceeds		
8. Desired Loan Term:	30 Years		
9. Does the locality want to capitalize interest?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If yes, for how many months? Up to 24 months		

10. Applicant Consultants			
Consulting Engineer and/or Architect			
Firm Name:	Black & Veatch Corporation		
Address:	Address 1: 5029 Corporate Woods Dr. Address 2: Suite 170 City: Virginia Beach State: VA Zip: 23462		
Phone:	(757) 456-5380 Ext. 12		
FAX:	(757) 456-5383		
Contact Name:	Paul J. Delphos, PE		

Contact Email:	delphosp@bv.com
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Bond Counsel*		
Firm Name:	Glenn, Feldmann, Darby & Goodlatte	
Address:	Address 1: PO Box 2887	
	Address 2:	
	City: Roanoke	State: VA Zip: 24001
Phone:	(540) 224-8006	
FAX:	(540) 224-8050	
Contact Name:	Sam Darby	
Contact Email:	HDarby@glennfeldmann.com	

\*local bond counsel should be a nationally recognized bond counsel firm that currently serves or has served as bond counsel on debt transactions for governmental entities

Financial Advisor		
Firm Name:	Davenport & Company LLC	
Address:	Address 1: 901 East Cary Street	
	Address 2: Suite 1100	
	City: Richmond	State: VA Zip: 23219
Phone:	(804) 697-2907	
FAX:	(804) 549-4900	
Contact Name:	Ted Cole	
Contact Email:	tcole@investdavenport.com	

For Items 1, 3, and 4 – see Addendum.

For Item 2 – see Addendum for PER Links and Attachment 1, Draper Aden Rate Study (Feasibility Study).

## Section II. Project Description and Budget

1. Attach a description of the proposed project.
2. Attach any Preliminary Engineering Report and/or Feasibility Study Report that may have been prepared for this project.
3. Attach a project budget. Use the following format, if appropriate:
  - Administrative
  - Architectural/Engineering
  - Project Inspection
  - Construction
  - Contingency
  - Site Costs
  - Equipment
  - Other (Specify)
  - Local Costs of Issuance (Local attorney, bond counsel, and/or financial advisor)
  - Total \_\_\_\_\_

*Note: Do not include capitalized interest, debt service reserves, or VRA's cost of financing.*

4. Attach an expected draw of loan funds. The total must match the Requested Proceeds in *Section I, item 7*. Use the following format, if appropriate:
  - Closing
  - Month 1
  - Month 2
  - Month 3
  - 
  - Final Draw

### Section III. Other Sources of Funds

Will other sources of funds, in addition to the VRA loan, be used to construct the project? ☐ No ☒ Yes  
If yes, please complete.

#### 1. Estimated Project Funding Sources/Amounts/Status

<u>Specify Sources</u>	<u>Amount</u>	<u>Application Submitted</u>	<u>Application Approved</u>
1. 1) Potential Rural Development Funds	1. \$ <u>TBD</u>	1. <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	1. <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
2. 2) Capital contribution from the Western Virginia Water Authority (WVWA) for joint ownership of the Water Treatment Plant.	2. \$ <u>6.0 to \$7.0 million</u>	2. <input type="checkbox"/> No <input type="checkbox"/> Yes N/A	2. <input type="checkbox"/> No <input type="checkbox"/> Yes N/A
3.	3. \$ <u>      </u>	3. <input type="checkbox"/> No <input type="checkbox"/> Yes	3. <input type="checkbox"/> No <input type="checkbox"/> Yes
4.	4. \$ <u>      </u>	4. <input type="checkbox"/> No <input type="checkbox"/> Yes	4. <input type="checkbox"/> No <input type="checkbox"/> Yes
5.	5. \$ <u>      </u>	5. <input type="checkbox"/> No <input type="checkbox"/> Yes	5. <input type="checkbox"/> No <input type="checkbox"/> Yes

*Note: All other sources listed above plus the amount of funding requested (See Section I, item 7) must equal the project budget (See Section II, item 3).*

### Section IV. Project

("\*" denotes estimated dates)

1. Provide actual or projected dates for the following project activities. Some items do not apply to all projects.

<u>Preliminary Engineering Report</u> PER Completed August 2014*	<u>Environmental Assessment</u> Submitted to Not Req'd Regulatory Agency Clearance by Not Req'd Regulatory Agency	<u>Final Plans and Specifications</u> Plans and Specs Completed February 2014* Regulatory Approval April 2014*
Advertise for Construction Bids June 2014		Award Construction Contract(s) December 2014*
Receive and Open Construction Bids July 2014		Construction Contract Period (# of days) 730
Date of Adoption of Reimbursement Resolution (If Applicable)		
Anticipated Timing of Governing Body (Including Participating Jurisdictions, if Applicable) Approval of Project and Financing		
2. Is all or any part of the project managed or operated or to be managed or operated by a non-governmental management firm?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach copies of management or operating contracts, operating leases or other applicable documents.	
3. Is all or any part of the project used or to be used by or leased to any private person or entity (including but not limited to any private corporation or partnership, any non-profit entity or the federal government)?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.	
4. Is all or any part of the project, owned or to be owned by any private person or entity?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.	
5. Is the project available for use on the same basis by persons not engaged in a trade or business?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.	
6. Will the anticipated financing fund working capital expenses?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.	
7. Will the anticipated financing involve prepayments (ex: prepayment of electricity or property expenses)?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.	

## Section V. Sources of Funds Pledged for Loan Repayment

Check the sources of funds to be pledged for the loan payment and include those items listed. More than one source can be pledged.

*Note: VRA recommends that the Applicant use the services of a Professional Engineer, Architect or a Certified Public Accountant where appropriate, to assist in providing the following information.*

- ☒ 1. System Revenues (e.g. water, wastewater, solid waste, etc).  
Will the System Revenue pledge require parity consent from another lender?  
☒ No ☐ Yes If yes, attach details.

Attach to application:

- A. A yearly projection of the gross revenues, together with operation and maintenance expenses of the facility (including debt service), to cover a period of five years. Please indicate whether the current rate structure is sufficient to generate revenues to cover debt service on the loan requested. If not, please indicate whether rate increases sufficient to cover debt service on the loan requested have been approved by the Applicant's governing body (and any other person or entity required to give approval for the rate increase to become effective).
- B. Attach a yearly projection of recommended allowance for renewal and replacement for a period of five years.
- C. If the Applicant issues debt pursuant to a Master Indenture (See Section VII, item 4), which has an additional bonds test requiring the satisfaction of either a projected or historic coverage calculation, provide the calculations for such test and indicate whether such calculations can or will be certified by a consulting engineer or other authorized consultant. If a feasibility/consulting engineer's report has been prepared in conjunction with the anticipated financing, attach a copy of such report.

*Note: Supporting information showing the basis of the above projections must be provided (number of customers, rates, and basis for renewal and replacements).*

- ☐ 2. Revenues pledged from special assessments.

Attach to application:

- A. A yearly projection of monies to be made available by any special assessments including the basis of assessment, rate of assessment, number of assessed units involved and total annual collections available for a period of five years.
- B. Attach all supporting information necessary to show the basis of the above special assessment. Include a copy of the local ordinance that authorizes the special assessment.

- ☐ 3. Revenues pledged from any other source that may be legally available for such purpose including revenues from other facilities or a combination of special assessments, revenues from the existing facility and revenues from other sources.

Attach to application:

- A. A yearly projection of the gross revenues, together with operation and maintenance expenses of the "other" facility for a period of five years.
- B. A yearly projection of recommended allowance for renewals and replacement of the "other" facility for a period of five years.
- C. Legally available revenues pledged from other sources and should include the basis for projection.

- ☐ 4. General Obligation Pledge.

- ☐ 5. Lease of Property/Facility to be financed.



**For Section VI. - see Attachment 2, Existing Authority Debt.**

For collateral related to a lease revenue pledge please provide:

- |                 |   |   |
|-----------------|---|---|
| A. Copy of Deed | B. Completed and Signed Environmental Questionnaire and Certificate (provided on VRA website) | C. Most recent assessed and insured value of Property/Facility to be used as collateral |
|-----------------|---|---|

If available, attach to application:

- |              |                              |                           |
|--------------|------------------------------|---------------------------|
| A. Survey    | B. Any Environmental Reports | C. Title Insurance Policy |
| D. Site Plan | E. Appraisal                 |                           |

☐ 6. Other. Please describe.

## Section VI. Outstanding Debt

1. For all revenue based projects, provide copies of all bonds, notes and other obligations, which have a lien on the revenues to be pledged as security and attach the debt service schedule(s) or amortization schedule(s) for each issue. If copies cannot be provided, please provide the following information for each outstanding issue.  
(Note: it is not necessary to provide copies of bonds that VRA holds).

Title of Bond Issue and/or Name of Lien Holder (ex: Water Revenue Bonds of 1987 - Farmers Home Administration)  
 Status of the Lien (ex: Senior, Parity or Subordinate)  
 Original Principal Amount  
 Issue Date  
 Final Maturity Date  
 Type of Security Pledged  
 Outstanding Principal  
 Required Debt Service Coverage  
 Additional/Parity Bonds Tests  
 Brief Description of Project Financed

- |    |   |
|----|---|
| 2. | For all real or personal property based projects, provide copies of all bonds, notes and other obligations which have a lien on the property to be pledged as security and attach the debt service schedule(s) or amortization schedule(s) for each issue.            |
| 3. | For all non-revenue, real or personal property based projects (i.e. general-fund supported) provide a summary of all indebtedness on which the applicant is responsible for payment (i.e. G.O., M.O., participation via inter-local agreement or regional authority). |
| 4. | Attach a debt service schedule based on the applicant's fiscal year showing principal and interest to maturity for each obligation described in items 1, 2 or 3 above, with a summary total for all obligations.  |

## Section VII. Financial Information

1.	Provide audited financial statements for the last five years, include all notes, schedules and management letters (for regional authorities, please provide audited financial statements for the last five years for all member jurisdictions). <u>Note:</u> if you currently provide audits to VRA under existing debt obligations, you do <u>not</u> need to provide additional copies.
2.	Provide latest interim (unaudited) financial statements (if available).
3.	Provide the operating budget for the current fiscal year.
4.	Provide a brief biography for the primary managers of the organization (i.e. County Administrator, City Manager, Town Manager, Finance Director, Director of Utilities), including years of experience in local government / public finance / public utilities, etc.
5.	Is the Applicant rated by Moody's, S&P, or Fitch Ratings? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach most recent rating agency report.
6.	Does the Applicant have a financial policy in place? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If yes, attach.
7.	Does the applicant have a multi-year capital improvement plan? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If yes, attach.
8.	Is there an existing Master Indenture by which the Applicant issues debt? <input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach (including all amendments thereto).
9.	Are there any service agreements, inter-local agreements, memoranda of understanding, or similar agreements that may affect the anticipated financing? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.
10.	Since the date of your latest financial statements, have you issued or authorized any new long-term debt? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If yes, attach details.
11.	Are there any incidents that have occurred since the date of your last financial statements that would significantly affect your revenues or overall financial condition? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.
12.	Have there been any official statements (bond offering prospectuses) issued in the last 5 years? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach most recent.
13.	Is there any pending or potential litigation by or against the Applicant? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.

## Section VIII. Economic Information

1.	Provide a list of the ten largest employers in the Applicant's jurisdiction or service area. Include the following information: Name of the firm Approximate number of employees Type of business
Section VIII: For Items 1, 2, and 5 - see Addendum. Note: Information in Items 3 through 5 is for Bedford County.	
2.	Provide a list of the ten largest taxpayers in the Applicant's jurisdiction or service area. Include the following information: Name of the firm Type of business Percentage of total assessed value that each represents
3.	Most recent assessment: \$ 9,171,287,000* Date 1/1/2011 Rate \$ 0.52 per \$100
4.	Last tax change: Date 1/1/2011 2 % <input type="checkbox"/> Increase <input checked="" type="checkbox"/> Decrease
5.	Describe any statutory or authorized debt limitations:

\*New reassessment goes into effect 1/1/2015.

Section IX: For Item 1 – see Addendum for description of refunded bond proceeds. See Attachment #5, 2014 BAN Financing Document for additional details on the refunded bond.

## Section IX. Refundings

1.	Attach a description or breakdown of the use of the refunded bond proceeds.	
2.	Are there any unspent refunded bond proceeds?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach amount.
3.	Have the refunded bonds been previously advance refunded?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.

## Section X. Water, Wastewater or Solid Waste System Information

For wastewater, water and solid waste loans, complete the relevant project area form.

### ☐ Wastewater System

1.	Attach a description of the wastewater system with an overview of the facilities, age, treatment capacity, number of customers, etc.	
2.	Attach a copy of the current rate schedule. Include the date the rates were adopted. Please indicate any charges that are not reflected in the rate schedule (ex: hook-up fees).	
3.	Describe the history of rate increases:	
4.	Are there any users of the wastewater system which do not pay in accordance with published rates?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach explanation.
5.	Are there written agreements with any user(s) of the wastewater system?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach a copy.
6.	Will a rate increase be needed to support debt service for this project?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach explanation.
7.	Have there been operating transfers to or from the wastewater system over the past five years?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach description of the nature and purpose of the transfers.
8.	Are there any subsidy agreements?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, describe the nature of the agreement(s) and attach a copy.
9.	In what ways will the operation and maintenance expenses associated with the system change when the project is complete? Attach an explanation. Cite engineering estimates or other sources as appropriate.	
10.	Attach a list of the ten largest users of the wastewater system, including percentage usage (or gallons per month) for each.	
11.	Please provide the number of total wastewater system connections for each of the past five years.	
12.	Have all regulatory approvals necessary for the project been granted?	<input type="checkbox"/> No <input type="checkbox"/> Yes If no, please describe status.
13.	Has a Virginia DEQ Certificate to Construct been issued for this project?	<input type="checkbox"/> No <input type="checkbox"/> Yes If no, please describe status.
14.	Is the property necessary for the project owned by the Applicant?	<input type="checkbox"/> No <input type="checkbox"/> Yes If no, please describe status.

**☒ Water System**

1.	Attach a description of the water system with an overview of the facilities, age, treatment capacity, number of customers, etc.	
2.	Attach a copy of the current rate schedule. Include the date the rates were adopted.	
3.	Describe the history of rate increases: The Authority has increased rates the past 2 years - July 1, 2014 and in July 2013.	
4.	Are there any users of the water system which do not pay in accordance with published rates?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach details.
5.	Are there written agreements with any user(s) of the water system?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, describe the nature of the agreement(s) and attach a copy.
6.	Will a rate increase be needed to support debt service for this project?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If yes, attach details.
7.	Have there been operating transfers to or from the water system over the past five years?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach description of the nature and purpose of the transfers.
8.	Are there any subsidy agreements?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, describe the nature of the agreement(s) and attach a copy.
9.	In what ways will the operation and maintenance expenses associated with the system change when the project is complete? Attach an explanation. Cite engineering estimates or other sources as appropriate.	
10.	Attach a list of the ten largest users of the water system, including percentage usage (or gallons per month) for each.	
11.	Please provide the number of total water system connections for each of the past five years.	
12.	Have all regulatory approvals necessary for the project been granted?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If no, describe status.
13.	If property or additional property is required for the project, is the property owned by the Applicant?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If no, describe status.
14.	Does the Applicant have legal rights to the water source necessary for the project for the life of the anticipated financing?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If no, describe status.
15.	If a new water sources is necessary for the project, has an engineer certified that the water sources is of sufficient quality and quantity?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If no, describe status.

☐ **Solid Waste – New System**

Complete this section if you are financing a new solid waste facility.

1. Facility Site:	
Owner:	
Legal property description:	
Estimated useful life of facility site:	
Estimated cost of closure (if applicable):	
Planned end use of facility site:	
2. <u>Projected</u> number of tons per day:	
3. Owner of adjoining property which may be used for future facility (if applicable):	
4. Facilities users:	
Public Agencies:	
Cities/Municipalities:	
Private Haulers:	
Industrial/Commercial Users:	
5. Are there any local ordinances that <u>require</u> waste disposers to use this Facility?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach a copy.
6. Are there any local ordinances that <u>prohibit</u> waste disposers from using this Facility?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach a copy.
7. Are there Service Agreements?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach a copy.
8. For any new Facility, or for any expansion or improvement of an existing facility, indicate whether the plans or proposals for the new or improved portion of the facility are consistent with: (i) the regulations of the USEPA; (ii) the Virginia State Waste Management plan; (iii) the standards, policy actions and regulations of the Virginia Waste Management Board, the Virginia State Water Control Board, the Virginia Air Pollution Control Board and the Virginia Department of Health; and (iv) local comprehensive plans and current zoning? If not, please describe the inconsistencies and the steps proposed to remedy these inconsistencies.	<input type="checkbox"/> No <input type="checkbox"/> Yes If no, describe the inconsistencies and the steps proposed to remedy these inconsistencies.
9. By execution hereof, applicant certifies that the Facility shall constitute and be operated as a duly permitted solid waste management facility under the Virginia solid waste regulations.	
Does, or will, the use of the facility result in any discharge of leachate or runoff, treated or untreated, into any waterbody or watercourse or into groundwater?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, has a permit been obtained for such discharge? <input type="checkbox"/> No <input type="checkbox"/> Yes
Does, or will, the use of the Facility affect ambient air quality?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, has any permit, including burn permits, been obtained with regard to such effect? <input type="checkbox"/> No <input type="checkbox"/> Yes

☐ **Solid Waste – Existing System**

Complete this section if you are financing additions/expansions to an existing Solid Waste System or if revenues are to be pledged from the operation of an existing Solid Waste System.

1.	Type of system:			
2.	Location of system:			
	Address			
	City		VA	ZIP
	County			
3.	Current system:			
	Site description:			
	Estimated remaining useful life of the system:			
	Estimated cost of closure (if applicable):			
	Planned end use of system site(s):			
4.	Current aggregate number of tons per day:			
5.	Current and historic tipping fees:			
6.	Adjoining property owner which may be used for future system expansion (where applicable):			
7.	Facilities users:			
	Public Agencies:			
	Cities/Municipalities:			
	Private Haulers:			
	Industrial/Commercial Users:			
8.	Are there any local ordinances that <u>require</u> waste disposers to use this Facility?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach a copy.		
9.	Are there any local ordinances that <u>prohibit</u> waste disposers from using this Facility?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach a copy.		
10.	Are there Service Agreements in place with respect to the project?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach a copy.		
11.	Please provide the following information as an attachment.			
A)	Describe all material citizen or neighbor complaints or lawsuits and their resolution with regard to the facility's operations.			
B)	Describe all material complaints, notices of violation or non-compliance actions, lawsuits or threats of action or lawsuit by the U.S. Environmental Protection Agency (USEPA), Virginia Waste Management Board, Virginia State Water Control Board, Virginia Air Pollution Control Board, Virginia Department of Health or any local office or agency charged with environmental or zoning compliance or enforcement. Describe the resolution of all such matters with regard to the facility's operations.			
C)	Describe all conditions and/or restrictions on the use of the Facility imposed by contracts, recorded covenants and restrictions, court decisions, zoning proffers, special exception or conditional use permits, which may materially affect the financial feasibility of the Facility or the system of which it is a part. Attach a copy of all applicable documents setting forth such restrictions.			

12.	Provide information detailing current annual operation and maintenance expenses.
13.	Describe the nature and extent of the applicant's liability insurance coverage.
14.	For <u>each</u> permitted solid waste facility within the same service area as applicant, please provide the following information:
	Name of facility and type of facility Operator Location County Status of Facility Estimated Date of Closure Number of Tons Per Day Tipping Fee Per Ton

### Section XI. Public Safety Facility Information

1.	Attach a description of the public safety facilities owned and/or operated in your locality (include a brief description of the facilities, age, current and projected usage, etc.).	
2.	In what ways will the operation and maintenance expenses associated with the facilities or communication system change when the project is complete? Attach an explanation. Cite engineering estimates or other sources as appropriate.	
3.	If the project to be financed is a volunteer fire/rescue facility, does the volunteer organization have a Section 501(c)(3) certification from the Internal Revenue Service?	<input type="checkbox"/> No <input type="checkbox"/> Yes If yes, attach a copy.

VRA Summer 2015C Application Addendum

## Section II: Project Description and Budget

### 1. Project Description

The Smith Mountain Lake Water Treatment Plant (WTP) and Pipelines ('Project') will provide engineering design and construction services to deliver an initial finished water flow of four (4) million gallons per day (MGD) for the Bedford Regional Water Authority (BRWA) and Western Virginia Water Authority (WVWA) with provisions included to allow for future plant expansion. Further, the Project shall provide the ability to pump finished water from the new WTP to the Lakes service area, as well as serve as a redundant supply to the Town of Bedford and a redundant supply to the Forest Service Area. The Project will also have the ability to pump water from Forest to the Lakes service area in the event of an emergency by utilizing booster pumps along the pipeline route.

The new Smith Mountain Lake WTP will be constructed on the former property of the Camp 24 Correctional Facilities. The plant will be designed with equipment that is able to treat up to 4 MGD of water, with a future expansion capacity of up to 6 MGD in the process area of the building that is being constructed with this project. The process area and site will be designed such that it can be expanded to treat an ultimate capacity of 12 MGD on the property. The building will also include an administrative area, including a conference room that can be converted to offices in the future.

The Raw Water Intake and Pumping Station ('RWPS') will replace the existing intake and raw water pumping station and be located on an existing easement at Smith Mountain Lake. The proposed facility will include two pumps that will deliver an instantaneous flow of 4.2 MGD each. Adjustable frequency drives will be provided on the pumps to allow them to provide a minimum flow rate of 1 MGD. Upon expansion of the WTP to 6 MGD, the raw water pumping station can be expanded to 6.3 MGD capacity by either replacing the pumps, changing impellers and motors on the pumps, or by installing an additional pump station.

An 18-inch Raw Water Transmission Main will run approximately 13,000 linear feet from the proposed Raw Water Pump Station to the proposed water treatment plant. The alignment will generally follow Lakewood Drive, High Point Road, the Southside Electric Corporation easement and Radford Church Road.

The finished water pipelines will connect the Lakes, Central and Forest service areas. Approximately 74,000 linear feet of 18-inch main will run from an existing 20-inch main in the Lakes service area following Old Moneta Road (Route 901), Moneta Road (Route 122), Wells Road (Route 721), Five Forks Road (Route 722), and the Virginia Byway (Route 43). Approximately 50,000 linear feet of 16-inch main will run along Route 460 from the Town of Bedford to the existing water line at the intersection of Goode Road (Route 668). Construction of the finished water pipelines will include several stream and river crossings, and one railroad crossing.



2. Project Budget

<u>Category</u>	<u>Value</u>	<u>Comments</u>
Administrative	\$2,400,000	Included as a portion of the Contract Administration
Architectural / Engineering	\$3,450,000	Phase 1 Design and amendment
Project Inspection	\$1,000,000	Included as a portion of the Contract Administration
Construction	\$21,600,000	Pricing from contractors
Contingency	\$970,000	3.5% Overall
Site Costs	\$1,430,000	Part of the General Conditions
Equipment	\$3,180,000	Process Equipment, Electrical Equipment, Tanks, Pumps, etc.
Other	\$2,350,000	Owner Contingency, Easement Acquisition and 460 Pumping Station Allowances, furnishings
<b>Subtotal</b>	<b>\$36,380,000</b>	
Less WVWA contribution	7,900,000	Sharing in 50% of the plant costs
<b>Total BRWA costs</b>	<b>\$28,480,000</b>	<b>Amount of Loan Requested</b>

3. Expected Draw of Loan Funds

<u>Draw Date</u>	<u>Amount Drawn</u>	<u>Cumulative Amount</u>
Aug-15	\$6,000,000	\$6,000,000
Sep-15	\$1,800,000	\$7,800,000
Oct-15	\$1,800,000	\$9,600,000
Nov-15	\$1,507,200	\$11,107,200
Dec-15	\$1,139,200	\$12,246,400
Jan-16	\$1,139,200	\$13,385,000
Feb-16	\$1,139,200	\$14,524,800
Mar-16	\$1,139,200	\$15,664,000
Apr-16	\$1,139,200	\$16,803,200
May-16	\$1,139,200	\$17,942,400
Jun-16	\$1,139,200	\$19,081,600
Jul-16	\$1,139,200	\$20,220,800
Aug-16	\$1,139,200	\$21,360,000
Sep-16	\$1,139,200	\$22,499,200
Oct-16	\$1,650,333	\$23,638,400
Nov-16	\$1,139,200	\$24,777,600
Dec-16	\$1,139,200	\$25,916,800
Jan-17	\$854,400	\$26,771,200
Feb-17	\$854,400	\$27,625,600
Mar-17	\$854,400	\$28,480,000

11. Have all regulatory approvals necessary for the project been granted?

Many approvals are still outstanding, or have not begun the approval process. Approval statuses of both parts of the project are as follows:

**Plant, Intake and Water Treatment Plant:**

- The Authority has obtained Special Use Permits (SUPs) for the Raw Water Intake and Treatment Plant facilities. Final site plan approval will be required upon final completion of both site plans.
- The Authority has obtained DEQ and County approvals for storm water management.
- The Authority is currently working with the AEP for an amendment to the AEP Shoreline Management Plan for the revised pumping station and intake plan. Based on meetings with the AEP, it appears that they will approve the revised plan, but the amendment application still must be filed. DEQ has approved the modified intake design.
- The Authority obtained a VPDES permit for the outfall for the new water treatment plant.
- The Authority will be submitting documents for VDH approval in May 2015.

**Waterline – Permitting still needed for:**

- County/DEQ – Storm water management.
- Town Site Plan – Will need final approval of finished water pump station site plan and stormwater management plans. .
- VDOT Land Use Permit (to be obtained by contractor).

**All Parts of Project**

- VDH approval is still needed for all parts of the project. However, the Authority has met periodically with the VDH and all permit approvals are anticipated.

12. If property or additional property is required for the project, is the property owned by the applicant?

The Authority still needs to obtain some properties and easements, as follows:

**Treatment Plant**

- The transfer of property for the treatment plant is underway and has been agreed upon by the County. .

**Raw Waterline**

- The Authority has begun the process of holding public meetings to discuss and obtain the easements necessary for the raw waterline construction.

**Waterlines**

- Still need to acquire property for the proposed finished water pump stations (even if we don't build the stations with the initial project, we will need the sites for connecting temporary pumps when necessary).
- The Authority has begun the process of holding public meetings to discuss and obtain the easements necessary for the finished waterlines.

13. Does the Applicant have legal rights to the water source necessary for the project for the life of the anticipated financing?

The withdrawal permit with AEP renews with their relicensing with FERC. Their licensing term with FERC is 50 years, with the current renewal period beginning in 2010.

For the DEQ permit, their Virginia Water Protection (VWP) permits are given on 15 year terms. The effective date of the permit is November 30, 2007 with an expiration date of November 30, 2022.