



STATE OF VERMONT
Agency of Natural Resources
Department of Environmental Conservation
Application for Revolving Loan Funds 24 V.S.A. Chapter 120
FINAL DESIGN & CONSTRUCTION
MUNICIPALLY OWNED WATER SYSTEMS

1. MUNICIPAL PUBLIC WATER SYSTEM: <u>Jericho-Underhill Water District</u>		2. TAX ID NUMBER: <u>047816</u>	3. WSID NUMBER: <u>5096</u>
4. MAILING ADDRESS: <u>P.O. Box 174 Underhill VT 05489</u>			
5. TELEPHONE: <u>802-899-3810</u>	6. FAX:	7. E-MAIL: <u>mmaheux@comcast.net</u>	
8. CONTACT PERSON - AUTHORIZED REPRESENTATIVE: <u>Peter H. MITCHELL</u>		9. TITLE: <u>President</u>	
10. MAILING ADDRESS: <u>P.O. Box 174 Underhill VT 05489</u>			
11. TELEPHONE: <u>802-899-4076</u>	12. FAX:	13. E-MAIL: <u>pete.mitchell@myfairpoint.net</u>	
14. ENGINEERING FIRM NAME: <u>O'Leary-Burke Civil Associates</u>			
15. MAILING ADDRESS: <u>1 Corporate Drive, Suite L, Essex Junction VT 05452</u>			
16. TELEPHONE: <u>802-878-9990</u>	17. FAX: <u>802-878-9989</u>	18. E-MAIL: <u>obac@olearyburke.com</u>	
Submit all draft agreements for Department review and approval for all engineering services funded by this loan. Signed agreements must be submitted prior to loan reimbursement for any engineering costs.			

DWSRF LOAN REQUEST		
19. FINAL DESIGN: \$ <u>3300⁰⁰</u>	20. CONSTRUCTION: \$ <u>35,000⁰⁰</u>	TOTAL: \$0.00 <u>\$145,000⁰⁰</u>
21. OTHER FUNDING SOURCES: (list & provide anticipated dollar amounts)		
<u>District Reserves</u>	\$ <u>12,350⁰⁰</u>	TOTAL \$0.00 <u>\$12,350⁰⁰</u>

22. PROJECT DESCRIPTION FOR THE PURPOSE OF THIS LOAN:
See Attachment A.

LOCAL FUNDING AUTHORIZATION (see instructions)

23. HAS THERE BEEN A LEGAL WARNING CALLED TO VOTE ON THE AUTHORIZATION TO BORROW FOR A DWSRF LOAN?
 YES NO If YES, attach a copy of the legal warning & recorded votes 17 VSA §2641. Projects of \$75,000 or less require voter approval according to 24 VSA §4755 (a)(4). THE MUNICIPAL CLERK MUST CERTIFY THE ABOVE AS TRUE COPIES. IF NO, DATE PLANNED FOR VOTE: See Attachment B

SITE INFORMATION

24. DO YOU OWN ALL LAND OR POSSESS ALL THE EASEMENTS OR RIGHTS-OF-WAYS FOR PROJECT SITES? YES NO
 An attorney's legal opinion may be required regarding the site or sites the project will be located. The Facilities Engineering Division Construction Section will make this determination for the project.
 IF NO, DATE EXPECTED TO COMPLETE OWNERSHIP AND SITE INFORMATION:

ESTIMATED PROJECT CONSTRUCTION SCHEDULE

25. PROJECT WILL BE ADVERTISED FOR BID ON: <u>June 29, 2009</u>	26. DATE CONTRACTS WILL BE AWARDED ON: <u>Aug 2, 2009</u>	27. DATE PROJECT WILL BE COMPLETED: <u>Oct 31, 2010</u>
---	---	---



PROJECT COST ESTIMATE:

28. BUDGET ITEMS

See Attachment C

DATE OF ESTIMATE: 6-2-2009
6-5-2009

CONSTRUCTION ELEMENTS	
CONTRACT #1	
CONTRACT #2	
CONTRACT #3	
SUB-TOTAL	0.00
ENGINEERING SERVICES	
PRELIMINARY	
FINAL DESIGN	
GENERAL SUPERVISION	
RESIDENT INSPECTION	
OTHER	
RELATED PROJECT COSTS	
LEGAL & ADMINISTRATIVE	
CONTINGENCY	
LAND ACQUISITION	
TOTAL	\$145,000⁰⁰ - 0.00

SOURCE OF ESTIMATE:
O'Leary-Burke Civil Associates
Jericho-Underhill Water District

CURRENT WATER SYSTEM COSTS & REVENUES

29. OPERATIONS & MAINTENANCE COSTS: \$ 55,000⁰⁰ 30. TOTAL CAPITAL WATER SYSTEM DEBT? \$ 565,000⁰⁰
 31. ANNUAL DEBT PAYMENT (principal & interest): \$ 40,000⁰⁰ 32. TOTAL REVENUE S: \$ 95,000 + Connection Fees etc.
 SUBMIT A COPY OF THE MOST RECENT TWO YEARS WATER SYSTEM BUDGETS, FINANCIAL STATEMENTS AND A PROPOSED O&M BUDGET. THIS IS REQUIRED INFORMATION.

USER RATES & BASE

33. WATER USER FEES – (complete as appropriate):
 UNIT FEE \$ 36⁰⁰/quarter METERED RATE \$ 4⁰⁰/thousand gallons TAX RATE \$ None
(to 40⁰⁰/quarter Jan 1, 2010)
 34. EQUIVALENT UNITS TO BE SERVED BY WATER SYSTEM: ~309 PROPOSED WATER SALES: 14,600,000 gallons
 35. RESIDENTIAL CONNECTIONS: ~286 36. COMMERCIAL, INDUSTRIAL, INSTITUTIONAL CONNECTIONS: ~23
 Attach a copy of the current rate and fee schedule officially adopted by the municipality. THIS IS REQUIRED INFORMATION.

37. PLEASE PROVIDE THE DATE FOR WHICH THE CAPACITY IMPROVEMENT WORK PLAN WAS SIGNED
 (N/A IF NOT REQUIRED) N/A



CERTIFICATIONS and SIGNATURES

The legislative body hereby agrees:

- (A) That if a loan is made, the applicant will pay the remaining costs of the approved project in excess of the loan amount;
- (B) That final design will be undertaken in strict accord with engineering service agreements approved by the Department of Environmental Conservation;
- (C) To provide continuing oversight of the final design process;
- (D) The project will be constructed in strict accord with drawings and specifications approved by the Department of Environmental Conservation;
- (E) To provide and maintain competent and adequate engineering supervision and inspection of the project to insure that construction conforms with approved drawings and specifications;
- (F) That it will comply with all state requirements for construction management, including, but not limited to, approval from the Department prior to advertising for bids for construction, approval prior to award of bids, approval of change orders, and performance of a final inspection by the Department;
- (G) That it will complete the project in an efficient and expeditious manner;
- (H) That it will submit to the Department of Environmental Conservation and to the Vermont Municipal Bond Bank, such documents and information related to this project as they may require;
- (I) That the construction contract will provide that representatives of the Department of Environmental Conservation and the Vermont Municipal Bond Bank will have access to the work and to project records whenever such work is in progress and that the contractor will provide proper facilities for such access and inspection;
- (J) That adequate accounting and fiscal records shall be maintained in accord with generally established governmental practices or other accounting procedures that may be established by the Vermont Municipal Bond Bank;
- (K) To provide proper operation and maintenance of the approved project in accord with standards established by the Department;
- (L) That it will submit within 3 months of project completion documentation of costs for each contract and its associated work;
- (M) That it agrees to repay, as part of any loan repayment schedule, outstanding planning advances awarded to the applicant and determined to be due and payable by the Department of Environmental Conservation;
- (N) That the loan amount may be reduced if it is determined, that total project cost will be less than the loan amount. This determination will be based on actual costs and contract bids or an approved change in project scope;
- (O) That it certifies it will set, collect and apply rates, charges and assessments as authorized under sections 3313 and 3348 of Title 24 sufficient for the purpose of generating annual revenue to repay the principal and the interest on the municipal bond or other debt instrument which evidences the loan by the Vermont Municipal Bond Bank, and to pay reasonably anticipated costs of operating and maintaining the financed project and the system of which it is a part;
- (P) That it has created a fund authorized under section 2804 of Title 24, or by other means permitted by law, to repair, replace, improve or enlarge the project for which this loan is made;
- (Q) That it certifies that the project conforms to a capital budget and program, duly adopted by a town, city, or incorporated village pursuant to 24 V.S.A. Chapter 117 for meeting the water supply needs of the municipality;



(R) That if human remains are uncovered during construction, the project construction shall stop and the provisions of Title 13 VSA sections 3761 and 3764 shall be followed. If archeological artifacts are uncovered during construction, the project shall stop and the Vermont State Historic Preservation Office shall be notified;

(S) That it agrees to comply with all applicable state and federal requirements pertaining to the project, including but not limited to requirements of section 1452 of the Safe Drinking Water Act;

(T) That it will complete the Capacity Improvement Work Plan if required;

(U) The Municipality certifies to having ownership or adequate interest in all major project sites (water source, treatment facility, pump stations, water storage tanks, water lines and appurtenances) to allow undisturbed use and possession for the purposes of construction, operation and maintenance of the proposed facilities prior to expenditure of funds for final design of such facilities. The Municipality hereby understands and agrees that all additional costs incurred due to their failure to obtain easements and rights-of-way shall be the sole responsibility of the Municipality (when question #23 is answered "yes");

(V) The applicant Legislative Body hereby certifies in fulfillment of 24 V.S.A. §4756(a)(2) that it will secure all state and federal permits, licenses and approvals necessary to construct the improvements to be financed by the loan prior to expending funds for construction.

THE APPLICANT LEGISLATIVE BODY CERTIFIES THAT IT POSSESSES THE LEGAL AUTHORITY TO APPLY FOR THE DWSRF LOAN, AND TO FINANCE AND CONSTRUCT THE PROPOSED FACILITIES. A RESOLUTION, MOTION, OR SIMILAR ACTION HAS BEEN DULY ADOPTED OR PASSED AS AN OFFICIAL ACT OF THE APPLICANT'S LEGISLATIVE BODY AUTHORIZING THE FILING OF THE APPLICATION. A RESOLUTION, MOTION, OR SIMILAR ACTION HAS BEEN DULY ADOPTED OR PASSED AUTHORIZING THE PERSON IDENTIFIED HEREIN AS THE AUTHORIZED REPRESENTATIVE OF THE APPLICANT IN CONNECTION WITH THE PROJECT FOR THE PURPOSE OF FURNISHING INFORMATION, DATA AND DOCUMENTS PERTAINING TO THE PROJECT AS REQUIRED BY THE STATE OF VERMONT.

LEGISLATIVE BODY AUTHORIZATION DONE THIS 5th DAY OF June, 2009
FOR THE MUNICIPALITY PUBLIC WATER SYSTEM OF _____

Peter H. Mitchell, President
Richard H. Eldred Trustee
Joseph P. O'Brien Trustee

(ALL OR A MAJORITY OF ITS LEGISLATIVE BODY)

The legislative body recognizes that by signing this application the information is accurate and complete for the purposes of processing this application.

Submit completed application and all attachments to:

Bryan Redmond
Water Supply Division
103 South Main Street
Waterbury, VT 05671-0403



DWSRF Application Assistance and Information Page

If you have questions concerning this application and required information, please contact the Water Supply Division toll-free in Vermont at (800) 823-6500 or at (802) 241-3400.

- 1-7. Self-explanatory. Municipality information.
- 8-13. Self-explanatory. Contact person/Authorized Representative for application and project. The legislative body must authorize this person during a legally warned meeting.
- 14-18. Self-explanatory. Consulting engineering firm information. All draft engineering agreements must be submitted and approved by the Water Supply Division. All signed copies of engineering agreements must be submitted to the Water Supply Division in order to be reimbursed for such costs.
- 19-21. Represents the final design and construction loan amount requested. Identify other anticipated funding sources to complete the project; total funding may be the DWSRF.
22. Provide a brief description of the project, include lengths, sizes, and material for water mains, a description of water sources, treatment facilities and pumping stations including estimated design flows and a brief description of existing facilities associated with the project. Information for planning projects will necessarily be less detailed than for final design projects. Attach any existing engineering reports not previously submitted associated with the project. A Preliminary Engineering Report or Basis of Design must be approved prior to Final Design.
23. Local funding authorization for this DWSRF loan application can be done using the following methods.
Bond Vote - Attach a copy of a legal warning for the meeting called to vote on the bond and the recorded vote on the articles pertinent to the project. *Special Meeting (VSA 17 chapter 55 §2641)* – If the project is \$75,000 or less, 24 VSA §4755 (a)(4), attach a copy of a legal warning for the meeting and the recorded vote on the article & minutes, if available. For both methods the Municipal Clerk must certify the above as true copies.
24. You may need an attorney's legal opinion regarding where the site or sites the project will be located. The Facilities Engineering Division Construction Section will make this determination for the project.
- 25-27. Estimated project schedule leading up to construction and during construction.
28. Estimated overall project cost breakdown for loan amount requested.
- 29-32. Provide current water system O&M costs, total revenues raised from user fees to finance the water system, annual debt payments and the total water system gross outstanding debt. Also provide a copy of the budget with revenues and expenditures or financial statements from the annual report.
- 33-36. Provide the proposed number of equivalent units to be connected and the proposed estimated annual water consumption sales from all water meters as a result of the project. Do not provide production or manufactured flows. Provide the base fee cost per equivalent unit and water meter rate. Provide the number of connections per class of water customer. Also provide a copy of the adopted water user rates currently in place.
37. A capacity improvement work plan maybe required, if so please provide the signature date on the document.





Attachment A

Jericho-Underhill Water District
WSID# 5096

Application for Revolving Loan Funds: Final Design and Construction.

Item 22. Project Description for Purposes of this Loan

The following is a description of all the items projects considered by the District. The ones with an asterisk included in the loan application. The included items were determined by District priorities and anticipated ARRA stimulus money.

*22.1 Emergency replacement of exposed water line in the river. This water line supplies water from our wells to the system. If the water line were to fail because of ice or debris, the water supply to the system would be cut off.

22.2 Install an air gap in the treatment bypass piping. The 2009 Sanitary Survey noted a minor deficiency in which untreated well is separated from the distribution by a single valve. Adding an air gap would correct this situation, and prevent untreated water from leaking into the system. The District has requested an exemption from this requirement and currently has not plans to proceed with this work.

*22.3 Install backup power (a 10kw to 25kw generator and fuel tank) at the Poker Hill Tank. When a power failure occurs, water flows by gravity to customers. Customers at elevations near those of the tank experience low pressure. This addresses a concern raised in the 2006 Sanitary Survey.

*22.4 Install backup power (a 60kw to 100kw 3 phase generator and fuel tank) at the River Road Control Building. This generator would provide backup power for the district well pumps and the control building. This would allow operation of the water system in the event of a prolonged disruption of electric power.

22.5 Install backup power (a 10kw to 25kw generator, transfer switch, and fuel tank; and reposition the electric panel) at the Maple Ridge Tank. This would allow water to be pumped to the cistern in the case of a power failure. At present there is no way to do this.

*22.6 Install inline testing of chlorine in water input into the distribution system after contact time has elapsed. This would meet the requirement to have daily testing of water input to the distribution system. If funding were adequate, the District would also consider installing inline testing for fluoride and phosphate.

22.7 Convert to natural gas heat from electric heat in the Poker Hill and River Road Control Buildings. This would be a cost saving change if natural gas were available. Natural gas is available within the District, however, Vermont Gas Company has no plans to extend their main to the vicinity of the District buildings in the near future. (A switch to propane would be about the same cost as electricity).

AL of 2

Attachment A (cont)

*22.8 Install dehumidification equipment in River Road Control Building. This will reduce corrosion of piping and other fixtures in the control building.

22.9 Install a demarcation fence at Maple Ridge Tank. The tank site is entirely open and from time to time graffiti, teen parking and drinking, and motor bike riding next to the tank. The fence would define areas that should be off limits.

22.10 Replace System Well Pumps. The system well pumps were replaced in the summer of 2008. The District has learned this project would not qualify for stimulus money because it was completed prior to the eligibility window.

*22.11 Replace or Upgrade Customer Water Meters. At present meters are aging and the majority are read visually. Replacement or upgrade of meters with automatic readers would reduce reading errors, reading time, and billing time. New meters would be more accurate.

*22.12 Improve Leak Detection Equipment (or Methods). Currently the District water-pumped to water-billed ratio is about 1.42; that is the District bills for only about 70% of the water delivered to the distribution system. System operating expenses are driven by the water pumped. Improved sensitivity of detection equipment may help in finding leaks and reducing operating costs.

RESOLUTION CERTIFICATE

I certify that I am the duly elected and qualified Clerk of Jericho-Underhill Water District, a municipal corporation located in the County of Chittenden, State of Vermont; that I have custody of the books, records and seal of said District; and that the following is a true and exact copy of a Resolution unanimously adopted at a regular meeting of the Board of Trustees of the said District, duly called, noticed and held for that purpose on April 6, 2009, at which a quorum of members was present and voting; and that the same remains in full force and effect, and has not been amended, rescinded, abridged, modified or contested in any way:

RESOLVED, that the public interest and necessity demand that certain public water system improvements be made, namely replace 300 feet of water main, install emergency power generators, install automatic testing of treated water, convert to propane or natural gas for heating, install dehumidification equipment, install a security fence, upgrade customer water meters at an estimated cost of One-Hundred- Forty- Five Thousand Dollars (\$145,000); and

BE IT FURTHER RESOLVED, that the cost of completing the District's shares of the costs of said public water system improvements, after application of available state and federal grants-in-aid and available reserves, will be too great to be paid out of the annual revenue of the District; and

BE IT FURTHER RESOLVED, that a proposal for the issuance of general obligation bonds or notes of the Jericho-Underhill Water District in the amount of One-Hundred-Forty-Five Thousand Dollars (\$145,000) to pay for the cost of such improvements, subject to reduction, through the receipt of any state or federal grants-in-aid and other financial assistance, should be submitted to the legal voters of the District at a special meeting thereof to be duly called and held for that purpose on May 12, 2009; and

BE IT FURTHER RESOLVED, that all acts relating to the proposition of incurring bonded indebtedness or notes and the issuance of general obligation bonds or notes of Jericho-Underhill Water District for the purpose of financing such improvements, as well as the construction, maintenance and operation of such improvements within the corporate limits of the District, be in accordance with the provisions of Chapters 53, 89, 91 and 120 of Title 24, Vermont Statutes Annotated; and

BE IT FURTHER RESOLVED, that the attached Warning and form of Ballot be adopted for use in connection with consideration of the above-stated proposition of making said public improvements and incurring bonded indebtedness or notes therefor.

Dated: April 6, 2009

ATTEST: *Jane Mahony*

SEAL

Clerk, Jericho-Underhill Water District

Received for record and recorded April 6 2009, in the records of Jericho-Underhill Water District.

Clerk, Jericho-Underhill Water District

Attachment B (Cont)

JERICO-UNDERHILL WATER DISTRICT
P.O. Box 174, Underhill, Vermont 05489
899-3810

WARNING

The legal voters of Jericho-Underhill Water District, Vermont, are hereby notified and warned to meet at The United Church of Underhill, 7 Park Street in the Town of Underhill on Tuesday, May 12, 2009, between the hours of ten o'clock (10:00) in the forenoon (a.m.), at which time the polls will open, and seven o'clock (7:00) in the afternoon (p.m.), at which time the polls will close, to vote by Australian ballot upon the following Article of business:

ARTICLE I

Shall general obligation bonds or notes of Jericho-Underhill Water District in an amount not to exceed One-Hundred- Forty - Five Thousand Dollars (\$145,000), subject to reduction from the receipt of available state and federal grants-in-aid and available reserves, be issued for the purpose of financing the cost of a public water system improvements, namely, replace 300 feet of water main, install emergency power generators, install automatic testing of treated water, convert to propane or natural gas for heating, install dehumidification equipment, install a security fence, upgrade customer water meters, at an estimated cost of One-Hundred-Forty-Five Thousand Dollars (\$145,000), the issuance of said bonds or notes being conditioned upon the receipt of state or federal grants-in-aid or other financial assistance?

The legal voters of Jericho-Underhill Water District are further notified that voter qualifications, registration and absentee voting relative to said special meeting shall be as provided in Chapters 43, 51 and 55 of Title 17, and Sections 3345 and 3346 of Title 24, Vermont Statutes Annotated.

The legal voters of Jericho-Underhill Water District are further notified that an informational meeting will be held at The United Church of Underhill, 7 Park Street in Underhill on Monday May 4, 2009, commencing at seven o'clock (7:00) in the evening (p.m.) for the purpose of explaining the subject proposed water system improvements, and the financing thereof.

The legal voters are further notified and warned to meet at The United Church of Underhill, 7 Park Street in Underhill on Monday May 4, 2009, commencing at seven o'clock (7:00) in the evening (p.m.) to transact the following business: Shall the District adopt the proposed changes to the minimum base fees of Section 27, Water Rates and Charges, of the Regulations of the Jericho-Underhill Water District to become effective January 1, 2010 in the event the District accepts Article I above. The changes would increase the minimum base fees from \$36 per quarter to \$40 per quarter.

Adopted and approved at a regular meeting of the Board of Trustees of the Jericho-Underhill Water District duly called, noticed and held on April 6, 2009.
Received for record and recorded in the records of the Jericho-Underhill Water District on April 6, 2009.

Board of Trustees

Peter H. Mitchell
Peter Mitchell

Richard H. Eldred
Dick Eldred

Joseph P. O'Brien
Joe O'Brien

ATTEST:

Jane Maheny
Clerk Jericho-Underhill Water District

Attachment B (cont)

JERICO-UNDERHILL WATER DISTRICT
P.O. Box 174, Underhill, Vermont 05489
899-3810

CERTIFICATE OF POSTING

PUBLICATION AND VOTE

The undersigned, being the Clerk of the Jericho-Underhill Water District, does certify that:

- (1) The attached Resolution (Exhibit I) was duly adopted at a duly warned regular meeting of the Board of Trustees of the Jericho-Underhill Water District held on April 6, 2009.
- (2) The attached Warning (Exhibit II) was duly approved and adopted at a duly warned regular meeting of the Board of Trustees, of the Jericho-Underhill Water District held on April 6, 2009.
- (3) The attached form of Ballot (Exhibit III) was duly approved and adopted at a duly warned regular meeting of the Board of Trustees of the Jericho-Underhill Water District held on April 6, 2009 for use at the special meeting of Jericho-Underhill Water District held on May 12, 2009.
- (4) The attached Warning (Exhibit II) was published in the Essex Reporter, a newspaper published in Essex, Vermont, and generally circulating in the County of Chittenden and in the Town of Jericho and Underhill and Jericho-Underhill Water District, and said Warning appeared in said newspaper on April 16, April 23, and April 30, 2009.
- (5) The attached Resolution (Exhibit I) and Warning (Exhibit II) were received for record and recorded on April 6, 2009, in the records of the Jericho-Underhill Water District.
- (6) The attached Warning (Exhibit II) and Ballot (Exhibit III) were posted in the following public places in the Jericho-Underhill Water District from April 8, 2009 through May 12, 2009 the date of the special District meeting:
 - (a) Jericho Town Hall
 - (b) Underhill Town Hall
 - (c) Debra Rawson Memorial Library
 - (d) Underhill Post Office
 - (e) Jacobs Store

Attachment B (Cont)

OFFICIAL BALLOT

JERICO-UNDERHILL WATER DISTRICT

SPECIAL MEETING MAY 12 , 2009

ARTICLE I

Shall general obligation bonds or notes of Jericho-Underhill Water District in an amount not to exceed One-Hundred- Forty - Five Thousand Dollars (\$145,000), subject to reduction from the receipt of available state and federal grants-in-aid and available reserves, be issued for the purpose of financing the cost of a public water system improvements, namely, replace 300 feet of water main, install emergency power generators, install automatic testing of treated water, convert to propane or natural gas for heating, install dehumidification equipment, install a security fence, upgrade customer water meters, at an estimated cost of One-Hundred- Forty - Five Thousand Dollars (\$145,000), the issuance of said bonds or notes being conditioned upon the receipt of state or federal grants-in-aid or other financial assistance?

If in favor of the bond issue,
make a cross (x) in this square:

If opposed to the bond issue,
make a cross (x) in this square:

(7) The vote by Australian ballot (Exhibit III) on the proposition stated herein was:

ARTICLE I

IN FAVOR 23
 OPPOSED 3
 BLANK 0
 SPOILED 0
 TOTAL VOTES 26

(8) No petition has been filed seeking reconsideration or rescission of the action taken at said regular meeting nor is there any litigation pending or threatened in any state or federal court contesting or challenging either the proceedings set forth in Paragraphs (1) through (7) of this Certificate, the works of improvement so authorized or, the issuance of bonds or notes of the District to finance the same.

DATED: May 12, 2009

Jane Makenf
 Jericho-Underhill Water District


 Clerk,

JUWD ARRA Stimulus Project
 File: JUWD ARRA Stimulus Project 0515_09.xls
 Updated: PHM 3-9-09, 3-11-09, 3-12-09, 4-6-09, 4-7-2009, 5-4-2009
 Tab: Bdg't Reqst

- Notes: 1. The requested amounts are highlighted in yellow on line 41. The total requested is in cell U41
 2. The requested amounts and dropped items are based on current information and prioritization.
 3. The District may reprioritize depending on actual costs.

Item Number (from Letter of Intension and discussions)	Replace Water Main	Air Gap	Emergenc; Generator Poker Hill	Emergenc; Generator Control	Emergenc; Generator Blc Maple Ridg	Auto Test Chlorine Only	Propane/ Nat Gas Heat	Fence Maple Ridge	Dehumidifi Control Blc	Pump Replacem	Meter Replacem Upgrade	Leak Detection Upgrade	TOTALS	DWSRF Item	DWSRF Amount
	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	19.10	19.11	19.12			
28 Budget Items															
Small Purchase Elements															
Requirements/Meetings	200	200	100	100	100	100		100			200	100	1200		
Equipment/Material		2000	7000	20000	9000	3500	3000	9500	700	17040	29000	1000	101740		
Installation		3500	1500	5000	2000	5000	1000	In equip/m:	500		20000		38500		
Software Interface											1000		1000		
Coordination	1000		200	500	500	1000		200		1332.5	In install		4732.5		
Construction Elements															
Contract #1	35000												35000	20	35000
Contract #2													0		
Contract #3													0		
Engineering Services															
Preliminary Design	3030												3030		
Final Design	3300												3300	19	3300
General Supervision													0		
Resident Inspection	480												480		
Other	690												690		
Relate Project Costs															
Legal and Administrative	3800												3800		
Contingency	1000	1500											2500		
Land Acquisition													0		
Total Current Estimates	48500	7200	8800	25600	11600	9600	4000	9800	1200	18372.5	50200	1100	195972.5		
Budget Request Current	48500	Drop	8800	25600	Drop	9600	Drop	Drop	1200	Drop	50200	1100	145000		
Budget Presented to Voters	41220	0	5000	19000	8000	11000	0	10000	1000	0	50780	1000	145000		
Total															145000

CL of 3

Attachment C (cont'd)

Attachment C (cont)

JUWD ARRA Stimulus Project

File: JUWD ARRA Stimulus Project 0515_09.xls

Updated: PHM 3-8-09, 3-11-09, 3-12-09, 4-6-09, 4-7-2009, 5-4-2009

Tab: Construction

Construction Estimate for 19.1 Replace Water Main
Estimates provided by O'Leary-Burke 6-2-2009
DWSRF Application Item 20.

Description	Item Unit	Quantity	Item Price	Cost
1 Erosion Control	LS	1	1500	1500
2 Mobilization	LS	1	2500	2500
3 8"PE DR11 Horizontal Direction Boring	LF	250	88	22000
4 Testing & Disinfection of Waterline	LS	1	750	750
5 Connect New Crossing to Existing System	LS	1	3500	3500
6 Remove Existing Stream Crossing Pipe	LS	1	2250	2250
7 Restoration	LS	1	2500	2500
				35000

Attachment C (Cont)

JUWD ARRA Stimulus Project
File: JUWD ARRA Stimulus Project 0515_09.xls
Updated: PHM 3-8-09, 3-11-09, 3-12-09, 4-6-09, 4-7-2009, 5-4-2009
Tab: Funding Plan

The following plan was presented to the Voters at the information meeting on May 12, 2009
This information is background for Item 21 of DWSRF Loan Application
The voters approved the base fee increase to be effective Jan 1, 2010

Estimated Project Cost	145000	
Less Estimated Stimulus Money (57%)	82650	
Less Money from District Reserves	12350	Item 21 Other Funds
Net	50000	
Bond/Note		
Amount	50000	
Interest Rate	3%	
Term in years	20	
Bond/Note		
Estimated Annual Payment	3375	
Requested Base Fee Increase	4	
New Base Fee	40	