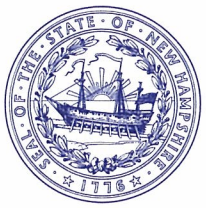
THE STATE OF NEW HAMPSHIRE

CONSUMER ADVOCATE
Meredith A. Hatfield

ASSISTANT CONSUMER ADVOCATE
Kenneth E. Traum



TDD Access: Relay NH
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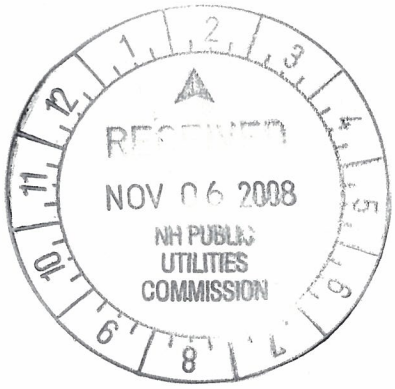

November 6, 2008

Debra A. Howland
Executive Director and Secretary
New Hampshire Public Utilities Commission
21 S. Fruit Street, Suite 10
Concord, New Hampshire 03301-7319

RE: DW 08-088 Hampstead Area Water Company, Inc.
Reserved Exhibit 8

Dear Ms. Howland:

I enclose for filing an original and six copies of documents for which the Commission, at yesterday's hearing, reserved Exhibit 8. As I indicated at the hearing, these documents were provided to the OCA by the Company, when we met to discuss the Company's responses to OCA 1-1, 1-2 and 1-21.

If you have any questions, please do not hesitate to contact me. Thank you.

Sincerely,

Rorie E.P. Hollenberg

Rorie E.P. Hollenberg
Staff Attorney

NHPUC NOV06'08 PM 1:45

Enclosures
cc: Service List via e-mail

ENVIRONMENTAL
Fact Sheet

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

6 Hazen Drive, Concord, New Hampshire 03301 · (603) 271-3503 · www.des.state.nh.us

WD-WSEB-17-2

2001

State Revolving Loan Fund for Drinking Water Projects

The Safe Drinking Water Act (SDWA) Amendments of 1996 provide for federal funding of a Drinking Water State Revolving Fund (DWSRF) to provide assistance to public water systems to finance the cost of drinking water infrastructure. The amendments also establish a strong emphasis on preventing contamination and enhancing water system management by allowing states to use some of the DWSRF for source water protection , capacity development and operator certification. **Public water systems eligible for assistance are community water systems, both privately or publicly owned, and nonprofit noncommunity water systems.** The purpose of this fact sheet is to describe the DWSRF assistance, in the form of loans or subsidies, available to public water systems for infrastructure and contamination prevention activities.

Infrastructure Assistance

The infrastructure portion of the DWSRF is to provide assistance to public water systems primarily in the form of low interest loans. In addition, the state has chosen to provide additional loan subsidies, including forgiveness of principal, to disadvantaged communities receiving loans. Disadvantaged communities or water systems are defined as public water systems or communities that serve residents whose median household income (MHI) is less than the statewide MHI based upon the most recent census data and/or salary survey. If a water system or community falls into this category, it may be eligible for subsidies under the disadvantaged program to bring their proposed rates closer to what the state has defined as affordable.

State affordability criteria considers the user rate which would result if the proposed project were constructed. An affordable project is one that results in a water user rate that does not exceed 1percent of the water system or community MHI. A public water system which

qualifies as a disadvantaged water system and whose anticipated rate after completion of the eligible projects exceeds the state affordability criteria may be eligible for a subsidized loan.

The DWSRF may provide assistance for projects related to compliance with national primary drinking water regulations and the public health protection objectives of the SDWA. Eligible costs may include planning, engineering, construction, and other related costs. Also, refinancing of debt obligations of municipal, intermunicipal or interstate agencies is eligible where the initial debt was incurred and construction started after July 1, 1993. Private systems are not eligible for refinancing. Types of infrastructure projects that could be eligible for funding include:

* Rehabilitation or development of sources (excluding reservoirs, dams, dam rehabilitation and water rights) to replace contaminated sources.
* Installation or upgrading of treatment facilities if the project would improve the quality of drinking water to comply with primary or secondary standards.
* Installation or upgrading of storage facilities, including finish water reservoirs, to prevent microbiological contaminants from entering the water system.
* Installation or replacement of transmission and distribution pipes to prevent contamination caused by leaks or breaks in the pipe, or improve water pressure to safe levels.
* Consolidation of water systems to resolve contamination problems and financial or management capability issues.
* Acquisition of land from a willing seller if it is integral to a project that is needed to maintain compliance and further public health protection.

All applicants will be required to submit a pre-application for review and initial determination of whether a proposed project is eligible for funding under the DWSRF. The pre-application should document the scope of need for the project. Applicants with eligible projects will be requested to submit a full application. Applicants will also be required to submit a business plan which helps the state evaluate the managerial and financial capabilities to properly operate and maintain the water system. Upon submittal of a full application the state will place the project on a prioritized list according to a calculated ranking.

Projects will be ranked based upon the relative impact of the project in achieving the objectives of the SDWA. Factors used in the priority ranking system include violations of water quality standards, quantity deficiencies, treatment/design deficiencies, consolidation, and conservation and protection practices. A list of projects, ranked according to priority to receive SRF assistance will be developed and distributed for public comment.

See page 4 for a flow chart illustrating the important steps in the loan approval process.

Source Water Protection Assistance:

A portion of the federal grant received each year to fund the DWSRF will be spent on non-infrastructure source water protection activities. Funding in the form of grants and loans are avilable to qualified applicants.

No subsidization of loans for disadvantaged communities can occur with this portion of the DWSRF. Activities that will be eligible for this funding will include the following:

* delineation and assessment of protection areas for wells and surface water intakes.
* Implementation of protection measures.
* Acquisition of water supply protection land (loan only).

All applicants will be required to submit a pre-application for review and initial determination of whether a proposed project is eligible for funding under the DWSRF. The pre-application will include a brief description of the project. Applicants with eligible projects will be requested to submit a full application. Upon submittal of a full application the state will place the project on a prioritized list according to a calculated ranking.

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For More Information

For more information please call the DES's Water Supply Engineering Bureau at 271-3139. For a full list of water supply fact sheets please request WD-WSEB-15-2. Drinking water fact sheets are available through the DES web site at www.des.state.nh.us/wseb..

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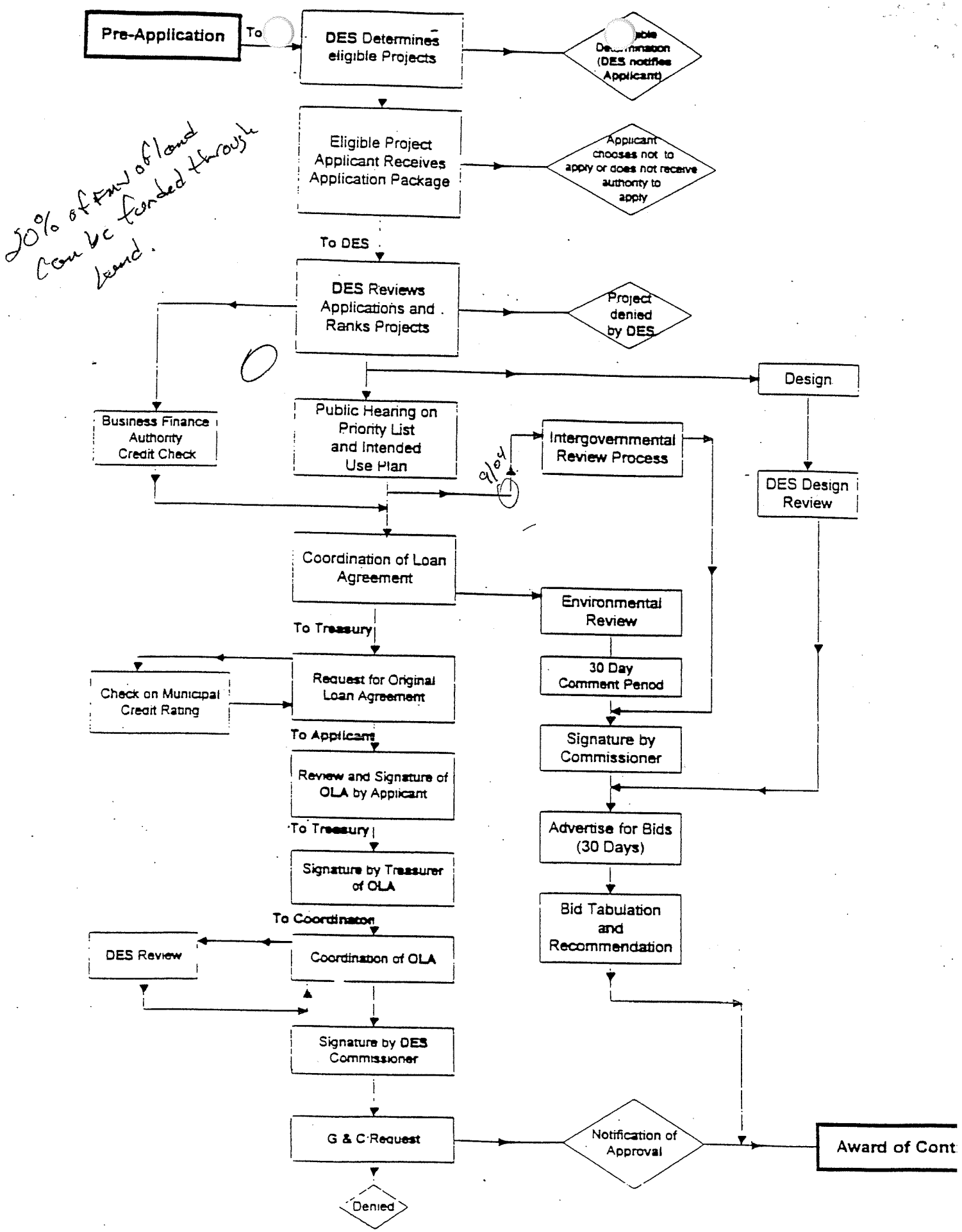
Pre-Application
To
DES Determines eligible Projects
Eligible Project Applicant Receives Application Package
Applicant chooses not to apply or does not receive authority to apply
To DES
DES Reviews Applications and Ranks Projects
Project denied by DES
Design
Business Finance Authority Credit Check
Public Hearing on Priority List and Intended Use Plan
Intergovernmental Review Process
DES Design Review
Coordination of Loan Agreement
Environmental Review
To Treasury
Request for Original Loan Agreement
Check on Municipal Credit Rating
30 Day Comment Period
Signature by Commissioner
To Applicant
Review and Signature of OLA by Applicant
Advertise for Bids (30 Days)
To Treasury
Signature by Treasurer of OLA
Bid Tabulation and Recommendation
To Coordinator
DES Review
Coordination of OLA
Signature by DES Commissioner
G & C Request
Notification of Approval
Award of Cont
Denied

ENVIRONMENTAL
Fact Sheet

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

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WD-WSEB-17-2 2001

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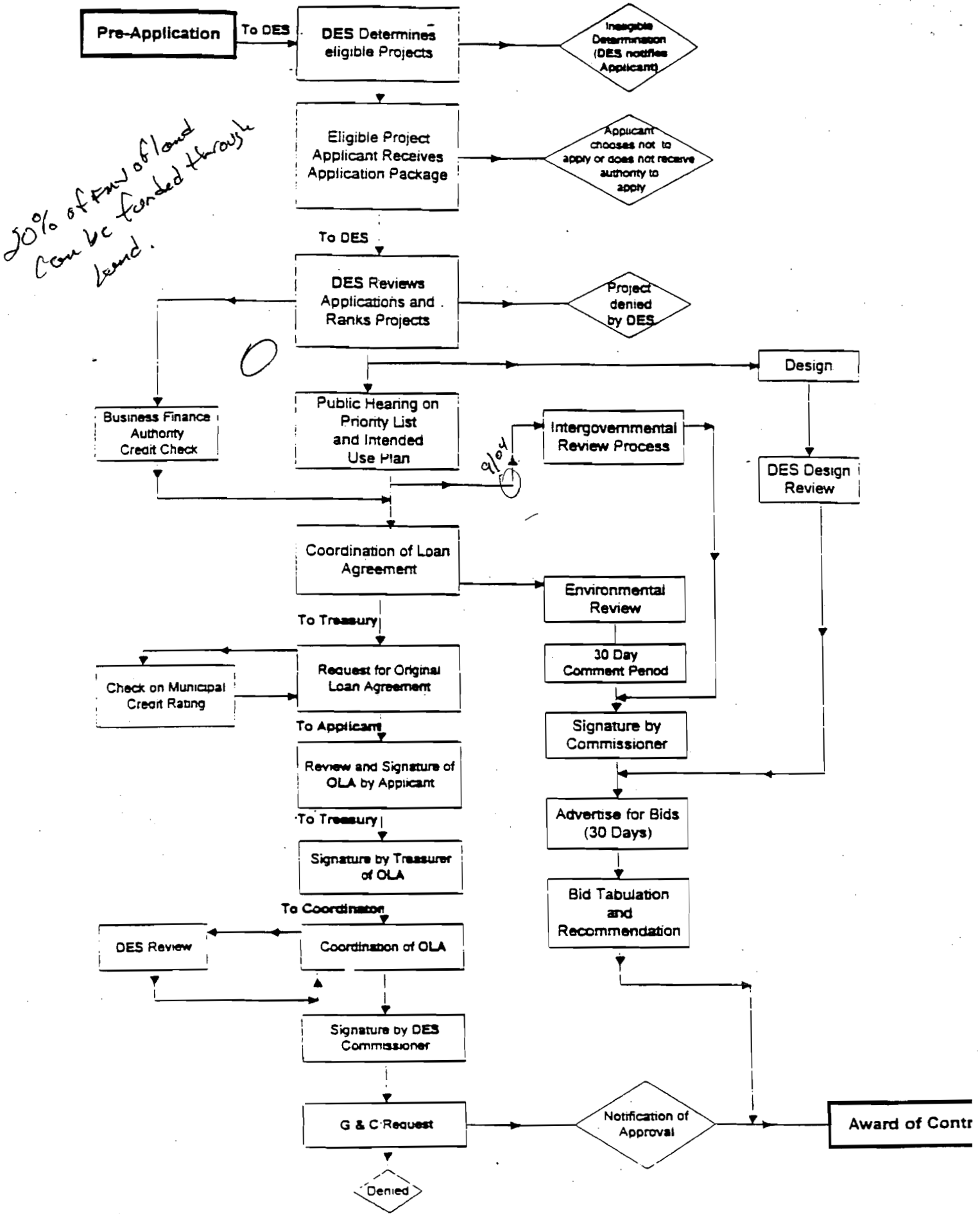
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DES Determines eligible Projects
Ineligible Determination (DES notifies Applicant)
Eligible Project Applicant Receives Application Package
Applicant chooses not to apply or does not receive authority to apply
To DES
DES Reviews Applications and Ranks Projects
Project denied by DES
Design
Business Finance Authority Credit Check
Public Hearing on Priority List and Intended Use Plan
Intergovernmental Review Process
DES Design Review
Coordination of Loan Agreement
Environmental Review
To Treasury
Request for Original Loan Agreement
Check on Municipal Credit Rating
30 Day Comment Period
To Applicant
Review and Signature of OLA by Applicant
Signature by Commissioner
To Treasury
Signature by Treasurer of OLA
Advertise for Bids (30 Days)
To Coordinator
DES Review
Coordination of OLA
Bid Tabulation and Recommendation
Signature by DES Commissioner
G & C Request
Notification of Approval
Award of Contr
Denied

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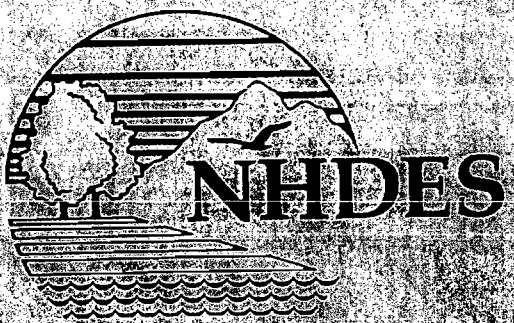
STATE OF NEW HAMPSHIRE

DEPARTMENT OF ENVIRONMENTAL SERVICES



State Revolving Loan Fund
Draft Intended Use Plan

FISCAL YEAR 2008

INTRODUCTION

The State of New Hampshire herewith submits its Intended Use Plan (IUP) for all funds available in the State Revolving Fund (SRF) during Fiscal Year 2008. This plan is based on utilizing $11,563,186 available from the 2005 capitalization grant and $10,153,820 available from the 2006 capitalization grant to fund the State Revolving Fund loan program. In addition, the funds available from the Fiscal Year 2007 capitalization grant are $12,424,370. The available funds will include $2,160,760 of the state's required 20% matching funds. The available funds will also include $35,000,000 of other available funds (see Appendix I).

STATEMENT OF SHORT-TERM AND LONG TERM GOALS

Short-Term Goals

The State of New Hampshire has the following goals and objectives for the SRF:

1. Achieve and facilitate statewide compliance with State and Federal water quality standards, in particular with the National Municipal Policy (NMP).

2. Coordinate SRF activities with enforcement activities of both the State of New Hampshire and the Environmental Protection Agency.

3. Continue to implement administrative rules and regulations for carrying out the SRF program.

4. Provide municipalities of the State of New Hampshire with low cost financial assistance to provide wastewater treatment facilities.

5. Coordinate State funded programs for wastewater treatment facilities with activities of the SRF.

6. Provide effective program management to ensure the integrity of the SRF.

7. Continue the program for funding landfill closure projects and appurtenant facilities.

Long-Term Goals

1. Through effective management of the SRF, a self-sustaining program will be available to ensure compliance by all publicly owned unlined landfills and treatment works with State and Federal water quality goals.

2. To protect the public health and the environment and promote the completion of cost-effective projects.

CRITERIA AND METHOD FOR DISTRIBUTION OF FUNDS

The Fiscal Year 2008 Project Priorities were reviewed to determine which projects should be funded by the SRF in Fiscal Year 2008. Under the SRF program, priority ranking on the project list is not a required factor in the selection of SRF projects to be funded. As such, continuing expressed interest in participating in the program and a readiness to proceed to construction in a timely manner were the main criteria used to determine the potential projects for the Fiscal Year 2008 SRF list.

LOAN INTEREST RATES

Interest charges during loan repayment will be fixed over the loan repayment period and will be established at the time of the execution of the supplemental loan agreement based on the established market rate and the loan repayment period selected by the loan recipient. Loan interest charges during repayment shall be 25 percent of the established market rate minus 1% when a 5 year repayment period is selected, 50 percent of the established market rate minus 1% when a 10 year repayment period is selected, 75 percent of the established market rate minus 1% when a 15 year repayment period is selected, and 80 percent of the established market rate minus 1% when a 20 year repayment period is selected. Loan interest charges paid by private parties for rehabilitation of nonpoint source pollution problems shall be 25% of the established market rate minus 1%. The market rate is the 11 G.O. Bond Index published the first week of October.

In addition to the interest charges established above, an annual administrative fee in the amount of 1% on the unpaid principal balance shall be charged on all outstanding loans during the loan repayment period.

LOAN REPAYMENT FUNDS

Repayment of outstanding loans will be deposited in an interest bearing account separate from the SRF account. It is the intent of the State to place these funds in conservative instruments that will produce the best return on the investment. At the present time the funds are in overnight repurchase agreements, Certificates of Deposit and Money Market instruments.

ASSURANCES AND SPECIFIC PROPOSALS

The State of New Hampshire will provide the necessary assurances and certifications as part of the Operating Agreement between the State and the Environmental Protection Agency. The State of New Hampshire's Operating Agreement includes the requirements of the following sections of the law:

602(a) - Environmental Reviews
The State of New Hampshire will conduct environmental reviews as specified in Section VIII,

Environmental Review Requirements, of the Operating Agreement and Appendix D, Criteria for Structuring a State Environmental Review Process, in EPA's SRF Guidance.

602(b)(3) - Binding Commitments
The State of New Hampshire will enter into binding commitments for 120% of each quarterly payment within 1 year of receipt of that payment.

602(b)(4) - Expeditious and Timely Expenditures
The State of New Hampshire will expend all funds in the SRF in a timely and expeditious manner.

602(b)(5) - First Use for Enforceable Requirements
The State of New Hampshire will use funds first to assure maintenance of progress toward enforceable deadlines, goals and requirements of the Clean Water Act.

The State of New Hampshire has initially addressed those projects contained in the Environmental Protection Agency's National Municipal Policy universe. On May 26, 1987 the New Hampshire General Court enacted Chapter 395, Laws of 1987 which amended Revised Statutes Annotated 149-B:1 (now RSA 486:1) to increase State financial aid to certain municipalities for wastewater treatment projects. That legislation specifically identified the 11 remaining projects on the National Municipal Policy list and provided for State grants to the respective communities in an amount that, subsequent to the application of all available federal funds and the 5% local share would fully fund each project. By providing this State funded program for identified NMP projects, the provision of Section 602(b)(5) for first use of funds to meet the enforceable requirements of the Act has been met.

602(b)(6) - Compliance with Title II Requirements
The State of New Hampshire agrees to meet the specific statutory requirements for publicly owned wastewater treatment projects constructed in whole or in part before Fiscal Year 1995 with funds directly made available by Federal capitalization grants.

The State of New Hampshire will meet equivalency requirements using State technical review regulations and procedures applicable to all SRF projects. State law authorized the Department of Environmental Services to promulgate the technical review regulations and procedures.

ACTIVITIES TO BE SUPPORTED BY THE SRF

Administrative costs of the SRF

The State of New Hampshire intends to use 4% of the Federal capitalization grant funds for administrative support. Based on the estimated Fiscal Year 2008 Title VI appropriation, the State will use $432,152 for administrative support in managing and operating the SRF program.

Projects to be Funded

With the total available funds of $69,141,376 it is our plan to assist nineteen Section 212 projects as listed in Appendix I and provide for the administration ($432,152 or 4% of the FFY 2007

Capitalization Grant) of the SRF program.

In the event that any of the projects initially identified for funding in Fiscal Year 2008 are unable to proceed, these delayed projects will be bypassed and other projects listed in the extended portion of the Fiscal Year 2008 Project Priority List will be considered for the utilization of those funds based on procedures in the priority system.

Information pertinent to the SRF projects pursuant to Section 606(c)(3) of the Act is contained in Appendix II.

Draft SRF Disbursement Schedule

Appendix III shows the projected disbursements for the projects based on the dates for the binding commitments, start of construction, and the initiation of operation as indicated in Appendix II. Appendix IV shows actual and projected disbursements for projects with existing SRF loans. Appendix V shows the payments into the ACH by quarter.

PUBLIC REVIEW AND COMMENT

On August 9, 2007 a public hearing will be held to review New Hampshire's Fiscal Year 2008 Draft Intended Use Plan, including the list of projects that might be assisted with State revolving loan funds. This public hearing will be announced in newspapers circulated throughout the State in the form of legal notices.

ENVIRONMENTAL BENEFITS ASSESSMENT

A Clean Water State Revolving Fund Environmental Benefits Assessment was completed each time a construction loan was transacted during fiscal year 2007. A compilation of all of the Environmental Benefits Assessments completed during fiscal year 2007 is included in the 2008 Intended Use Plan as Appendix VI and will be included in the 2007 Annual Report.

Appendix I

SOURCES OF FUNDS Title VI State Revolving Fund STATE FISCAL YEAR 2008		
Total FFY 2005 Cap Grant Funds Available →		$11,563,186
Total FFY 2006 Cap Grant Funds Available		$10,153,820
FFY 2007 Cap Grant Funds Available		$10,803,800
Title II Transfer		$0
Less Reserves		
604(b) Planning (1%)	($108,038)	
SRF Administrative Expense (4%)	($432,152)	($540,190)
State 20% Match		$2,160,760
Total Cap Grant Funds Available for SFY 2008 →		$34,141,376
Estimated Available Funds From Loan Repayments Including Interest and Investment Earnings Through 5/31/07 →		$35,000,000
Total Funds Available For Loans		$69,141,376

IUP_04a Appendix I

Appendix I

Use of Funds State Fiscal Year 2007 SRF Project List

Allenstown	WWTF Expansion	$5,100,000
Concord	Hall St. Odor Control	$1,210,000
Concord	Hall St. WWTP Headworks Improvements	$1,275,000
Exeter	Langdon Ave. Pump Station	$485,000
Jaffrey	WWTF/PS Upgrade	$13,371,000
Lebanon	SCADA System Installation	$2,070,000
Manchester	WWTP Upgrade/Facility Plan	$1,000,000
Manchester	Cemetery Bk. Conduit Rehab	$2,300,000
Newington	Belt Filter Pree Replacement	$854,125
Newmarket	WWTP Improvements	$4,000,000
Newport	Guild Pumping Sta. Amend	$145,000
Peterborough	WWTP	$3,900,000
Pittsfield	Sepatge Receiving Facility Amend	$810,740
Portsmouth	Rye Line WW Pumping Station/Sewer	$1,500,000
Portsmouth	Lincoln Area Sewer Separation	$5,600,000
Portsmouth	Bartlett Area Sewer Separation	$3,000,000
Portsmouth	Pease Outfall and SBR	$2,932,611
Raymond	WWTF Construction/Sewer Interceptors	$11,998,500
Wolfeboro	WWTF Upgrade/Lehner St. PS	$7,589,400
	Total	$69,141,376

FEDERAL FISCAL YEAR 2008 INTENDED USE PLAN
Specific Project Information

Municipality	Project Description	Needs Catagory	NPDES Permit	Assistance Amount	Binding Commit. Date	Constr. Start Date	Initiate Operation Date	Loan Repay Period	Initial Repayment Date
Allenstown	WWTF Expansion	I	NH0100714	$5,100,000	12/07	3/08	3/09	20	3/10
Concord	Hall St. Odor Control	I	NH0100901	$1,210,000	9/07	12/07	12/08	15	12/09
Concord	Hall St. WWTP Headworks Imp.	I	NH0100901	$1,275,000	9/07	12/07	12/08	15	12/10
Exeter	Langdon Ave. Pump Station	IIIB	NH0100871	$485,000	9/07	10/07	6/08	5	6/09
Jaffrey	WWTF/PS Upgrade Amend	I	NH0100595	$13,371,000	8/07	9/07	1/09	20	1/10
Lebanon	Phase II - WWTP Amendment	I	NH0100366	$2,070,000	11/07	6/08	6/09	20	6/10
Manchester	Cemetery Bk. Conduit Rehab	III	NH0100447	$2,300,000	9/07	11/07	11/08	20	11/09
Manchester	WWTP Upgrade/Facility Plan	I	NH0100447	$1,000,000	5/08	7/08	7/09	20	7/10
Newington	Belt Filter Press Replacement	I	NH0101141	$854,125	9/07	12/07	5/08	10	5/09
Newmarket	WWTP Improvements	I	NH0100196	$4,000,000	5/08	7/08	7/09	20	7/10
Newport	Guild Pumping Sta. Amend	IIIB	NH0100200	$145,000	8/07	9/07	12/07	20	12/08
Peterborough	WWTP	I	NH0100650	$3,900,000	12/07	5/08	5/10	20	5/11
Pittsfield	Septage Receiving Facility Amend	I	NH0100986	$810,740	8/07	9/07	5/08	20	5/09
Portsmouth	Lincoln Area Sewer Separation	V	NH0100234	$5,600,000	9/07	10/07	12/12	20	12/13
Portsmouth	Bartlett Area Sewer Separation	V	NH0100234	$3,000,000	9/07	10/07	10/09	20	10/10
Portsmouth	Rye Line WW Pumping Station/Sewer	IV	NH0100234	$1,500,000	9/07	5/08	5/10	20	5/11
Portsmouth	Pease Outfall and SBR	IIIB	NH100234	$2,932,611	4/08	5/08	5/10	20	5/11
Raymond	WWTF/Sewer Separation	I/IV	NA	$11,998,500	6/08	7/08	7/10	20	7/11
Wolfeboro	WWTF Upgrade/Lehner St. PS	I/IV	NA	$7,589,400	8/07	8/07	7/08	20	7/09
				$69,141,376					

STATE FISCAL YEAR 2008 INTENDED USE PLAN
Projected SRF Disbursements

Municipality	Assistance Amount	Constr. Start Date	State Fiscal Year 2008 First Quarter	Second Quarter	Third Quarter	Fourth Quarter	State Fiscal Year 2009 First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Beyond FY 2009
State FY 2008 SRF Project List			7-9/07	10-12/07	1-3/08	4-6/08	7-9/08	10-12/08	1-3/09	4-6/09	
Allenstown	$5,100,000	3/08				$300,000	$300,000	$300,000	$300,000	$300,000	$3,600,000
Concord	$1,210,000	12/07	$50,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$110,000
Concord	$1,275,000	12/07					$50,000	$150,000	$150,000	$150,000	$775,000
Exeter	$485,000	10/07				$50,000	$50,000	$50,000	$50,000	$50,000	$235,000
Jaffrey	$13,371,000	9/07				$250,000	$250,000	$250,000	$250,000	$250,000	$12,121,000
Lebanon	$2,070,000	6/08	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$70,000
Manchester	$1,000,000	11/07	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$200,000
Manchester	$2,300,000	7/08	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$300,000
Newington	$854,125	7/08	$75,000	$110,000	$110,000	$110,000	$110,000	$110,000	$110,000	$110,000	$9,125
Newmarket	$4,000,000	5/08	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$400,000	$800,000
Newport	$145,000	9/07						$50,000	$50,000	$45,000	$0
Peterborough	$3,900,000	7/08	$475,000	$475,000	$475,000	$475,000	$475,000	$475,000	$475,000	$475,000	$100,000
Pittsfield	$810,740	9/07					$190,000	$190,000	$190,000	$190,000	$50,740
Portsmouth	$1,500,000	10/07					$180,000	$180,000	$180,000	$180,000	$780,000
Portsmouth	$5,600,000	10/07				$150,000	$150,000	$150,000	$150,000	$150,000	$4,850,000
Portsmouth	$3,000,000	9/07				$200,000	$200,000	$200,000	$200,000	$200,000	$2,000,000
Portsmouth	$2,932,611	5/08	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$200,000	$1,332,611
Raymond	$11,998,500	6/08				$500,000	$500,000	$500,000	$500,000	$500,000	$9,498,500
Wolfeboro	$7,589,400	8/07		$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$6,539,400
Total	$69,141,376		$1,800,000	$2,085,000	$2,085,000	$3,535,000	$3,955,000	$4,105,000	$4,105,000	$4,100,000	$43,371,376
Cumulative Total				$3,885,000	$5,970,000	$9,505,000	$13,460,000	$17,565,000	$21,670,000	$25,770,000	$69,141,376
Fiscal Year Total					$9,505,000				$16,265,000		

Appendix IV

STATE FISCAL YEAR 2008 INTENDED USE PLAN
Projected Disbursements for Existing SRF Loans

Community	Proj. Number	Loan Amt.	Binding Commit. Date	State Fiscal Year 2008 7/07-9/07 First Quarter	10/07-12/07 Second Quarter	1/08-3/08 Third Quarter	4/08-6/08 Fourth Quarter	State Fiscal Year 2009 7/08-9/08 First Quarter	10/08-12/08 Second Quarter	1/09-3/09 Third Quarter	4/09-6/09 Fourth Quarter
Claremont	CS-330114-12	$7,590,000	06/22/05	$603,000	$603,000	$603,000	$603,000	$603,000	$603,000	$603,000	$603,000
Claremont	CS-330114-13	$2,823,000	12/09/05	$288,100	$288,100	$288,100	$288,100				
Claremont	CS-330114-14	$1,220,304	07/19/06	$134,000	$134,000	$134,000	$134,000	$200,000	$200,000		
Conway Village FI	CS-330237-04	$15,675,000	05/02/07	$650,000	$650,000	$650,000	$650,000	$650,000	$650,000	$650,000	$650,000
Hampton	CS-330195-10	$1,415,000	03/08/07	$450,000	$450,000	$450,000					
Hooksett	CS-330187-04	$3,500,000	03/09/05	$871,000	$871,000	$576,200					
Lebanon	CS-330092-03	$5,097,000	05/29/02	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	
Manchester	CS-330192-27	$4,330,000	09/25/03	$500,000	$500,000						
Manchester	CS--330192-28	$5,135,950	12/01/04	$800,000	$800,000	$800,000					
Manchester	CS-330192-31	$3,600,000	04/19/06	$500,000	$500,000	$500,000	$500,000	$50,000	$500,000	$500,000	
Manchester	CS-330192-32	$5,300,000	04/19/06	$368,500	$368,500	$368,500	$368,500	$550,000	$550,000	$550,000	$550,000
Manchester	CS-330192-33	$4,000,000	04/04/07	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000	$480,000
Manchester	CS-330192-34	$3,200,000	05/02/07	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000		
N Conway WP	CS-330066-01	$525,000	05/02/07	$260,000	$260,000						
New bury	CS-330229-01	$1,700,000	09/13/06	$650,000	$650,000						
Pittsfield	CS-330124-02	$964,851	08/22/01	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000	$90,000
Pittsfield	CS-330124-03	$1,566,994	10/25/06	$300,000	$300,000	$300,000	$300,000	$300,000			
Portsmouth	CS-330106-11	$1,000,000	01/10/07	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000
Rochester	CS-330122-08	$700,000	10/25/06	$140,000	$140,000	$140,000	$140,000	$140,000			
Rochester	CS-330122-09	$1,000,000	05/02/07	$200,000	$200,000	$200,000	$200,000	$200,000			
Somersworth	CS-330163-05	$1,836,616	04/05/06	$480,000	$480,000	$480,000					
Winnipesaukee	CS-330203-03	$7,000,000	03/22/06	$335,000	$335,000	$335,000	$335,000	$500,000	$500,000	$500,000	$500,000
Winnipesaukee	CS-330203-04	$486,982	10/25/06	$18,000	$18,000	$18,000	$18,000	$18,000	$18,000	$18,000	$18,000
		Total		$9,177,600	$9,177,600	$7,472,800	$5,166,600	$4,841,000	$4,651,000	$3,951,000	$2,951,000
		Cumulative Total			$18,355,200	$25,828,000	$30,994,600	$35,835,600	$40,486,600	$44,437,600	$47,388,600
		Fiscal Year Total				$30,994,600			$16,394,000		

Appendix V

Payment into the A.C.H. will be made according to the following schedule.

Quarter	Incremental A.C.H. payment FFY 2007 grant only
2007-3	0
2007-4	0
2008-1	0
2008-2	0
2008-3	0
2008-4	$10,695,762

Appendix VI

CWSRF Benefits Reporting

Loan: NH23 | ☒ Entry Complete

Borrower:	Claremont	Loan Execution Date:	07/19/2006	Tracking #: 114-14	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.49%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$1,220,304.00	Reypayment Period:	20	Original Tracking #:	
☐ Final Amount		% Funded by CWSRF:	100.00%	Same Environmental Results:	☐

Total from all Projects $: 1,220,304.00 Multiple nonpoint source projects with similar Environmental Results: ☐ Total NPS Projects: 0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Water Street Reconstruction, Main St. Sewer Improvement Design and Construction

Facility Name:

Population Served (Current):

by the Project: 500
by the Facility: 559,000

Wastewater Volume (Design Flow)

by the Project: 0.0590mgd Volume 0.0000mgd
by the Facility: 1.3000mgd

Needs Categories:

III-B Sewer System Rehabilitation $1,220,304.00 100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0101257 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Sugar River	01080106000975	NHRIV801060407-16	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Improvement.
b. Allows the system to Maintain Compliance.
c. Affected waterbody is Impaired.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH27 | ☒ Entry Complete

Borrower:	Newbury	Loan Execution Date:	09/13/2006	Tracking #: 229-01	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.49%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$1,700,000.00	Reypayment Period:	20	Original Tracking #:	
☐ Final Amount		% Funded by CWSRF:	100.00%	Same Environmental Results:	☐

Total from all Projects $: 1,700,000.00 — Multiple nonpoint source projects with similar Environmental Results: ☐ — Total NPS Projects: 0

Project: 1 of — CW Needs Survey Number : — # of NPS Projects: 0

Project Description: Rehabilitation of the sewer collection system, rehabilitaion/replacement of the two raw water pump station sand replacement of the wastewater treatment facility

Facility Name:

Population Served (Current):

by the Project: 435
by the Facility: 0

Wastewater Volume (Design Flow)

by the Project: 0.0000mgd — Volume — 0.0000mgd
by the Facility: 0.0500mgd

Needs Categories:

III-B Sewer System Rehabilitation	$430,000.00	25 %
I Secondary Treatment	$133,000.00	8%
IV-B New Interceptors	$1,137,000.00	67%

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☐ Surface Water ☒ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: ☒ No NPDES Permit
Other Permit Type: Groundwater — Other Permit Number: GWP890864-N-001

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Lake Sunapee	01080106002001	NHLAK801060402-05-01	☐
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality — Improvement.
b. Allows the system to — Maintain Compliance.
c. Affected waterbody is — Impaired.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Drinking Water Supply	Primary	
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH26		☒ Entry Complete			
Borrower:	Pittfield	Loan Execution Date:	10/25/2006	Tracking #: 124-03	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.40%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$1,566,994.00	Reypayment Period:	20	Original Tracking #:	
	☐ Final Amount	% Funded by CWSRF:	100.00%	Same Environmental Results:	☐
Total from all Projects $:	1,566,994.00	Multiple nonpoint source projects with similar Environmental Results:		☐ Total NPS Projects:	0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: WWTP Upgrades including septage treatment equipment and a covered composting operation

Facility Name:

Population Served (Current):

by the Project: 21,500
by the Facility: 3,000

Wastewater Volume (Design Flow)

by the Project: 0.0100mgd Volume 0.0000mgd
by the Facility: 0.2500mgd

Needs Categories:

I Secondary Treatment $1,566,994.00 100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0100986 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Suncook River	01070006001754	NHRIV700060501-16	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Maintenance.
b. Allows the system to Maintain Compliance.
c. Affected waterbody is Not Assessed.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH24 | ☒ Entry Complete

Borrower:	Rochester	Loan Execution Date:	10/25/2006	Tracking #: 122-08	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.49%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$700,000.00	Reypayment Period:	20	Original Tracking #:	
☐ Final Amount		% Funded by CWSRF:	47.00%	Same Environmental Results:	☐

Total from all Projects $: 700,000.00 Multiple nonpoint source projects with similar Environmental Results: ☐ Total NPS Projects: 0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: South Main Street Pump Station Replacement and Solar Bee Pilot Test

Facility Name:

Population Served (Current):

by the Project: 900
by the Facility: 13,000

Wastewater Volume (Design Flow)

by the Project: 0.1100mgd Volume 0.0000mgd
by the Facility: 3.5000mgd

Needs Categories:

III-B Sewer System Rehabilitation $700,000.00 100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☐ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☒ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0100668 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Cocheco River	01060003000130	NHRIV600030607-15	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Maintenance.
b. Allows the system to Maintain Compliance.
c. Affected waterbody is Impaired.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH25		☒ Entry Complete			
Borrower:	Winnipesaukee River Basin	Loan Execution Date:	10/25/2006	Tracking #: 203-04	Other #:
Assistance Type:	Loan	Loan Interest Rate:	1.09%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$486,982.00	Reypayment Period:	5	Original Tracking #:	
	☐ Final Amount	% Funded by CWSRF:	45.00%	Same Environmental Results:	☐
Total from all Projects $:	486,982.00	Multiple nonpoint source projects with similar Environmental Results:		☐ Total NPS Projects:	0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Evaluation, design and construction of a regional septage dewatering system

Facility Name:

Population Served (Current):

by the Project: 0
by the Facility: 0

Wastewater Volume (Design Flow)

by the Project: 0.0000mgd Volume 0.0000mgd
by the Facility: 11.5100mgd

Needs Categories:

I Secondary Treatment $486,982.00 100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0100960 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Merrimack River	01070006001814	NHRIV700060101-14	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Improvement.
b. Allows the system to Not Applicable
c. Affected waterbody is Not Assessed.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH28 ☒ Entry Complete

Borrower:	Hampton	Loan Execution Date:	03/08/2007	Tracking #: 195-10	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.35%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$1,415,000.00	Reypayment Period:	20	Original Tracking #:	
☐ Final Amount		% Funded by CWSRF:	100.00%	Same Environmental Results:	☐

Total from all Projects $: 1,415,000.00 Multiple nonpoint source projects with similar Environmental Results: ☐ Total NPS Projects: 0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Upgrades at the plant headworks, improving the ventilation system of the operations building, replacing the roof and emergency generator, making improvements to the laboratory, and for engineering to prepare plans and specifications, permit applicati

Facility Name:

Population Served (Current):

by the Project: 0
by the Facility: 0

Wastewater Volume (Design Flow)

by the Project: 0.0000mgd Volume 0.0000mgd
by the Facility: 0.0000mgd

Needs Categories:

I Secondary Treatment $1,415,000.00 100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0100625 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Tide Mil Creek	01060003000399	NHEST600031004-03-01	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Maintenance.
b. Allows the system to Maintain Compliance.
c. Affected waterbody is Threatened.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Shellfish Consumption	Primary	
Drinking Water Supply	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH33 ☒ Entry Complete

Borrower:	Manchester	Loan Execution Date:	04/04/2007	Tracking #: 192-33	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.35%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$4,000,000.00	Reypayment Period:	20	Original Tracking #:	
☐ Final Amount		% Funded by CWSRF:	100.00%	Same Environmental Results:	☐

Total from all Projects $: 4,000,000.00 Multiple nonpoint source projects with similar Environmental Results: ☐ Total NPS Projects: 0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Cohas Brook Interceptor Phase II, Contract 2

Facility Name:

Population Served (Current):

by the Project: 140,000
by the Facility: 140,000

Wastewater Volume (Design Flow)

by the Project: 26.6000mgd Volume 0.0000mgd
by the Facility: 26.6000mgd

Needs Categories:

IV-B New Interceptors	$4,000,000.00	100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0100447 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Merrimack River	01060003001842	NHRIV700060803-14-02	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Maintenance.
b. Allows the system to Not Applicable
c. Affected waterbody is Impaired.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH29		☒ Entry Complete			
Borrower:	North Conway Water Precinct	Loan Execution Date:	05/02/2007	Tracking #: 066-01	Other #:
Assistance Type:	Loan	Loan Interest Rate:	2.10%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$525,000.00	Reypayment Period:	10	Original Tracking #:	
☐ Final Amount		% Funded by CWSRF:	100.00%	Same Environmental Results:	☐
Total from all Projects $:	525,000.00	Multiple nonpoint source projects with similar Environmental Results:		☐ Total NPS Projects:	0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Depot Road Sewer Project - One wastewater package pump station, approximately 1000 linear ft. of 8-inch PVC gravity sewer pipe, including manholes, services and other appurtenances, approximately 1000 linear ft. of 4-inch DI forcemain, including bend

Facility Name:

Population Served (Current):

by the Project: 0
by the Facility: 0

Wastewater Volume (Design Flow)

by the Project:	1.5000mgd	Volume	0.0000mgd
by the Facility:	1.5000mgd		

Needs Categories:

IV-B New Interceptors	$525,000.00	100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: ☒ No NPDES Permit
Other Permit Type: Groundwater Other Permit Number: GWP-198907055-C003

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Saco River	01060002000101	NHRIV600020302-02-01	☐
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Not Applicable
b. Allows the system to Not Applicable
c. Affected waterbody is Not Applicable
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH32		☒ Entry Complete			
Borrower:	Rochester	Loan Execution Date:	05/02/2007	Tracking #: 122-09	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.35%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$1,000,000.00	Reypayment Period:	20	Original Tracking #:	
☐ Final Amount		% Funded by CWSRF:	100.00%	Same Environmental Results:	☐
Total from all Projects $:	1,000,000.00	Multiple nonpoint source projects with similar Environmental Results:		☐ Total NPS Projects:	0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Washington Street Pumping Station/Sewer Rehabilitation

Facility Name:

Population Served (Current):

by the Project: 0
by the Facility: 0

Wastewater Volume (Design Flow)

by the Project: 0.0000mgd Volume 0.0000mgd
by the Facility: 0.0000mgd

Needs Categories:

III-B Sewer System Rehabilitation $1,000,000.00 100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0100668 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Cocheco River	01060003001842	NHRIV600030607-15	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Maintenance.
b. Allows the system to Not Applicable
c. Affected waterbody is Not Applicable
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH34		☒ Entry Complete			
Borrower:	Manchester	Loan Execution Date:	05/02/2007	Tracking #: 192-34	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.35%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$3,200,000.00	Reypayment Period:	20	Original Tracking #:	
☐ Final Amount		% Funded by CWSRF:	100.00%	Same Environmental Results:	☐
Total from all Projects $:	3,200,000.00	Multiple nonpoint source projects with similar Environmental Results:		☐ Total NPS Projects:	0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Secondary Clarifiers

Facility Name:

Population Served (Current):

by the Project: 0
by the Facility: 0

Wastewater Volume (Design Flow)

by the Project: 0.0000mgd Volume 0.0000mgd
by the Facility: 0.0000mgd

Needs Categories:

I Secondary Treatment $3,200,000.00 100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0100447 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Merrimack River	01060003001842	NHRIV700060803-14-02	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Maintenance.
b. Allows the system to Maintain Compliance.
c. Affected waterbody is Impaired.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH30		☒ Entry Complete			
Borrower:	Conway Village Fire District	Loan Execution Date:	05/02/2007	Tracking #: 237-04	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.35%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$15,675,000.00	Reypayment Period:	20	Original Tracking #:	
	☐ Final Amount	% Funded by CWSRF:	100.00%	Same Environmental Results:	☐
Total from all Projects $:	15,675,000.00	Multiple nonpoint source projects with similar Environmental Results:		☐ Total NPS Projects:	0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Sewerage Improvements Program

Facility Name:

Population Served (Current):

by the Project: 0
by the Facility: 0

Wastewater Volume (Design Flow)

by the Project: 0.0000mgd Volume 0.0000mgd
by the Facility: 0.0000mgd

Needs Categories:

IV-B New Interceptors	$10,600,000.00	68 %
II Advanced Treatment	$5,075,000.00	32%

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0100412 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Saco River	01060002001662	NHRIV600020304-01-01	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Improvement.
b. Allows the system to Maintain Compliance.
c. Affected waterbody is Impaired.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

CWSRF Benefits Reporting

Loan: NH31		☒ Entry Complete			
Borrower:	Newport	Loan Execution Date:	05/02/2007	Tracking #: 169-09	Other #:
Assistance Type:	Loan	Loan Interest Rate:	3.35%	Incremental Funding: N	Phase #: 0
Loan Amount $:	$400,000.00	Reypayment Period:	20	Original Tracking #:	
☐ Final Amount		% Funded by CWSRF:	100.00%	Same Environmental Results:	☐
Total from all Projects $:	400,000.00	Multiple nonpoint source projects with similar Environmental Results:		☐ Total NPS Projects:	0

Project: 1 of CW Needs Survey Number : # of NPS Projects: 0

Project Description: Guild Pumping Station Upgrade

Facility Name:

Population Served (Current):

by the Project: 0
by the Facility: 0

Wastewater Volume (Design Flow)

by the Project: 0.0000mgd Volume 0.0000mgd
by the Facility: 0.0000mgd

Needs Categories:

III-B Sewer System Rehabilitation $400,000.00 100 %

Discharge Information:

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: NH0100200 ☐ No NPDES Permit
Other Permit Type: Other Permit Number:

Affected Waterbodies:

	Waterbody Name	Waterbody ID	State Waterbody ID	Receiving Waterbody
Primary Impacted :	Sugar River	01080106001452	NHRIV801060405-29	☒
Other Impacted :				☐

Project Improvement/Maintenance of Water Quality:

a. Contributes to water quality Maintenance.
b. Allows the system to Maintain Compliance.
c. Affected waterbody is Threatened.
d. Allows the system to address..... ☐ Existing TMDL ☐ Projected TMDL ☐ Watershed Management Plan

Designated Surface Water Uses (Selected):

	Protection:	Restoration:
Primary Contact Recreation	Primary	
Secondary Contact Recreation	Primary	

Comments:

SIGI Grants Priority Ranking FY 2008 - DRAFT 7/27/07

Applicant	Municipality	Grant Request	Receiving Population	Population Points	Public Benefit	Fee Impact	Tax Impact	Master Plan Conformity	Total Points
System Interconnection									
Saco Woods Condominiums	Conway	$410,396	240	1	6	6	0	0	13
PEU Maple Hills	Derry	$178,665	458	1	6	4	0	0	11
Rolling Ridge Water Assoc	Bartlett	$298,400	83	1	6	0	0	2	9
Merrimack Village District	Merrimack	$18,750	23,000	5	2	0	0	0	7
Granliden	Sunapee	$164,825	285	1	6	0	0	0	7
PAC Locke Lake - Sect. S	Barrington	$89,541	60	1	4	2	0	0	7
Lamprey River MHP	Raymond	$49,745	45	1	6	0	0	0	7
Hampstead AWC	Atkinson	$312,840	2,595	3	2	0	0	0	5
HAWC - Kent Farm	Hampstead	$166,399	555	3	2	0	0	0	5
Grondwater Investigations - No applications for FY 2007			1500						
Merrimack Village District	Merrimack	$13,275	23,000	5	4	0	0	0	9

FY 2007 DRAFT PROJECT PRIORITY LIST

State of New Hampshire

8/7/2007

CARRY OVER FROM LAST YR 3.3 MIL

EPA#	TOWN	PUBLIC WATER SYSTEM	PROJECT DESCRIPTION	SYSTEM POPULATION	DISADVANTAGED COMMUNITY	PRIORITY POINTS	LOAN REQUESTED
0162130	Bartlett	Rolling Ridge	Interconnect with Bartlett Village Precinct	83	No	88	[redacted]
1973020	Raymond	Lamprey River Cooperative	Interconnect with Town of Raymond	45	Yes	78	[redacted]
0032010	Alexandria	Ledges at Newfound Lake	Install Disinfection, lead & copper treatment	160	No	78	[redacted]
1951010-15	Portsmouth	Portsmouth Water Department	Construction of new surface water treatment facility	33,000	No	68	[redacted] 3.3
0153060	Barrington	Emerald Acres Cooperative	Develop alternative water supply	250	No	64	[redacted]
1691010	New Hampton	New Hampton Village Precinct	Raw water transmission improvements	600	Yes	62	[redacted]
0512250	Conway	Saco Woods	Interconnect with Conway Village Fire District	240	Yes	62	[redacted]
0511010	Conway	Conway Village Fire District	Interconnect with North Conway, upgrade water mains	1,937	Yes	59	[redacted] 3.2
0841010	Franconia	Franconia Water Department	Install storage tank, upgrade distribution mains	750	Yes	55	3,400,000
0612020	Derry	Maple Hills	Interconnect with Town of Derry	458	No	53	520,000 3-5
1131010	Hill	Hill Water Works	Upgrade distribution mains, upgrade storage tank	350	Yes	53	825,000
1031010	Hampstead	Hampstead Area Water Company	Interconnect with Atkinson Water System	2,655	No	52	920,500
0142010	Barnstead	Locke Lake Water System	Upgrade distribution mains	1,710	Yes	49	250,000 ANTICIP
1941010	Plymouth	Plymouth Water & Sewer	Construct new well and pump house	6,300	Yes	49	610,000
0511030	Conway	North Conway Village District	Develop new groundwater supply	5,000	Yes	42	2,410,000 KEEP IN
1951010-09	Portsmouth	Portsmouth Water Works	Maplewood Avenue Main Replacement	33,000	No	42	3,000,000
1951010-10	Portsmouth	Portsmouth Water Works	Greenland well replacement and upgrade	33,000	No	42	2,000,000 CONTAC
1281020	Laconia	Laconia Correctional Facility	Upgrade distribution system	600	No	27	700,000
1951919-13	Portsmouth	Portsmouth Water Works	Water Source Augmentation	33,000	No	24	2,000,000 JAN

Total Need: 46,885,000 THEY WILL KN

[redacted] Denotes proposed projects which funding is available

Note:
- $469,000 available from FY 06 Cap Grant
- $1,023,000 available from Repayment Fund
- $7,323,810 available from FY 07 Capitalization grant
- $8,816,633 Total Available Project Funds

JAN 08 2.4 MILLION

JUNE 08 2.1 MILLION

FEDERAL CAPITALIZATION LOAN
- CANNOT UTILIZE W/ GRANTS

HAMPSTEAD AREA
WATER COMPANY

54 Sawyer Avenue, Atkinson, NH 03811
Tel: 603.362.4299 Fax: 603.362.4936
www.HampsteadWater.com

March 26, 2007

Mr. Richard Skarinka, P.E.
Water Supply Engineering Bureau
6 Hazen Drive, PO Box 95
Concord, New Hampshire 03302-0095

Re: PRE-APPLICATION for the STATE REVOLVING FUND

Dear Rick:

Inclosed is the Hampstead Area Water Company's Pre-Application for the State Revolving Fund. HAWC would like to build a 500,000 gallon "glass-fused-to-steel" water storage tank in Atkinson.

If HAWC is able to secure SRF funds, it is hoped that construction could begin in the spring of 2008. Inclosed is a copy of a USGS map, which shows the proposed tank location, and close to 16,000 feet of 8" water main, which would connect the tank to the existing Atkinson "core" system, and also the Hampstead "core" system.

Please let me know if you have any questions or comments.

Sincerely
Hampstead Area Water Company, Inc.

Charlie Lanza; *WaterWorks Planning Associate*

cc: Bob Mann

New Hampshire Department of Environmental Services
Water Division
PRE-APPLICATION FOR THE STATE REVOLVING FUND
Re: RSA 486:14

Public Water System: Hampstead Area Water Company, Inc. EPA#: 0112080, 1031010
Municipal ☐ Private ☒

Mailing Address:

Hampstead Area Water Company, Inc.
54 Sawyer Avenue
Atkinson, NH 03811

Contact Person: Charlie Lanza

Phone #: 603.362.4299

Proposed Project(s):

Proposed 500,000 Gallon water storage tank with associated water mains & appurtenances equipped with SCADA to connect the Hampstead Core System with the Atkinson Core System.

Provide a description of the need of the project and how it will address public health protection and compliance with the National Drinking Water Standards, quantity deficiencies, or treatment/design deficiencies which have been identified (Attach additional documentation if necessary):

This project will improve overall system reliability, enhance fire suppression capabilities, improved flushing procedures, emergency storage, and therefore supplement compliance with National Drinking Water Standards and public health protection. This project will also allow for better control of the combined distribution systems and promote more uniform delivery during peak demand periods.

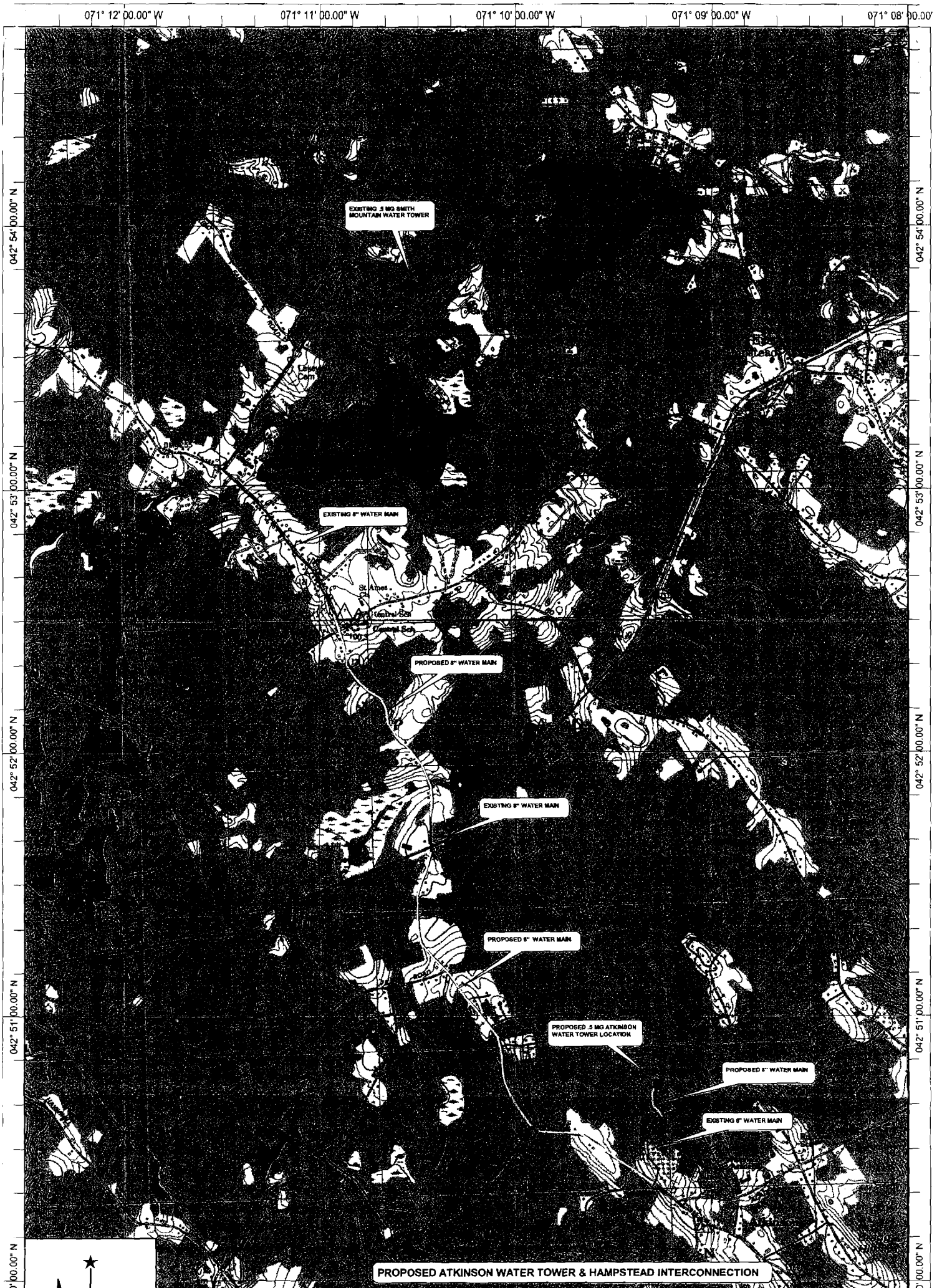
ESTIMATED COST INFORMATION

1. Estimated Construction Cost .....$ 1,399,069
2. 10% Construction Contingency .....$ 155,000
3. Estimated Engineering Costs .....$ 155,000
4. Estimated Land Acquisition Costs .....$ N/A
5. Other (please specify) .....$

Total Estimated Costs ..... $ 1,709,069

Anticipated Project Start Date: March 2008

(Signature of rep) (Title) (Date)


071° 12' 00.00" W
071° 11' 00.00" W
071° 10' 00.00" W
071° 09' 00.00" W
071° 08' 00.00
042° 54' 00.00" N
042° 53' 00.00" N
042° 52' 00.00" N
042° 51' 00.00" N
EXISTING .5 MG SMITH MOUNTAIN WATER TOWER
EXISTING 8" WATER MAIN
PROPOSED 8" WATER MAIN
EXISTING 8" WATER MAIN
PROPOSED 8" WATER MAIN
PROPOSED .5 MG ATKINSON WATER TOWER LOCATION
PROPOSED 8" WATER MAIN
EXISTING 8" WATER MAIN
PROPOSED ATKINSON WATER TOWER & HAMPSTEAD INTERCONNECTION

The State of New Hampshire

DEPARTMENT OF ENVIRONMENTAL SERVICES

Thomas S. Burack, Commissioner

This copy rec'd from HAWC at 10/6/08 mtg

MAY 31, 2007

CHARLIE LANZA
HAMPSTEAD AREA WATER COMPANY
54 SAWYER AVENUE
ATKINSON NH 03811

SUBJECT: DWSRF PRE-APPLICATION
HAMPSTEAD AREA WATER COMPANY EPA # 1031010

Dear Mr. Lanza

The purpose of this letter is to notify you of the status of your pre-application for the Drinking Water State Revolving Fund (DWSRF) program.

The Department of Environmental Services (DES) has reviewed your pre-application and finds that the project appears eligible to receive funding under the DWSRF program.

We remind you that projects eligible for the DWSRF program are for compliance with the Safe Drinking Water Act and to further public health protection. It is important to realize that the determination of eligibility does not guarantee funding of the project in this fiscal year. Each project will be ranked according to a ranking formula and placed on the priority list.

Enclosed is an application package to be filled out and returned to our office by **July 6, 2007**. The application package includes specific instruction. If you need assistance or have questions regarding the application please contact me or Bob Mann at 271-2513.

Sincerely,

Richard Skarinka

Richard Skarinka, P.E.
Drinking Water and Groundwater Bureau

STATE OF NEW HAMPSHIRE

DRINKING WATER
STATE REVOLVING FUND
APPLICATION PACKAGE

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3. CERTIFYING AUTHORITY TO FILE
4. AUTHORITY TO FILE APPLICATION
5. SELF-ASSESSMENT FORM

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The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

Thomas S. Burack, Commissioner

MAY, 2007

Subject: **Application Package for Drinking Water State Revolving Fund Loans**

To: **Applicants for the N.H. Drinking Water State Revolving Fund**

From: **Sarah Pillsbury, Administrator, Drinking Water and Groundwater Bureau**

Attached is an application package and instructions for infrastructure and source water protection projects proposed to be financed by the Drinking Water State Revolving Fund (DWSRF). This package contains forms for submittal of the application and provides instructions for completing the forms and necessary support documents. We have provided a checklist for your use to insure that all documents are included in the completed application package.

This application package is for loans for infrastructure improvements and land acquisition projects relating to source protection. Please note that there is a separate application package for source water protection grants under the DWSRF. If you have questions about source protection loans and grants please call Johnna McKenna at 271-7017.

The application forms and supporting documents for the 2007 loan awards need to be returned to our office no later than **July 6, 2007.** Proposed projects for the 2007 cycle will be evaluated and placed on a priority ranking list. A public hearing will be scheduled in August for the public to comment on the list. Every applicant will be notified of the time and date of the public hearing.

In addition to the application package, we have included a self-assessment form that assists us in evaluating the technical, managerial, and financial capacity of every applicant. This assessment form must be completed and submitted with the application.

Authorization to borrow funds is not required prior to submitting the loan application. However, the application must include acknowledgement of filing by the governing body whether it is a public or privately owned public water system (Form 4).

It is important that you realize this is a revolving loan program and additional funds will be available in future years. Should funding not be available for your project in this fiscal year, you can request in writing that the project be kept on the list for the following year.

The New Hampshire Department of Environmental Services (DES) is responsible for administering the Drinking Water State Revolving Loan Fund (DWSRF) program. However, any applicant who enters into a loan agreement under the DWSRF must also be in compliance with all of the federal requirements.

There are a number of federal laws, executive orders, and government wide policies that apply to projects and activities receiving federal financial assistance. These federal requirements include environmental laws such as the National Historic Preservation Act and the Wild and Scenic Rivers Act, and social and economic policy authorities such as Executive Orders on Equal Employment Opportunity and government-wide disbarment and suspension rules. Appendix C provides a list and brief description of the federal environmental requirements.

Initial compliance review with the federal environmental requirements will be performed by the DES. This review will be performed by in-house staff utilizing the information in documents submitted such as the Planning Document provided by the applicant. If further information is required to complete the review, the applicant will be responsible for providing the information.

This review conducted by the DES often results in a finding of no significant impact (FNSI), or a categorical exclusion (CE). When completed, the environmental review document will be forwarded to the loan applicant for publication in two newspapers (one local and one state-wide). The publication of the document initiates a 30-day public comment period. Specific instructions will be provided to each applicant after submission of the application.

Compliance with the federal social and economic requirements is the responsibility of the applicant. Utilization of the contract specifications provided by the DES will ensure compliance with these requirements. For a copy of these contract specifications please contact our office at 271-2948.

Any loan recipient that expends $500,000 or more of federal funds, including other federal awards, during the recipient's fiscal year must meet the single audit requirement for that fiscal year in accordance with OMB Circular A-133 and 40 CFR 31.26.

General questions about the DWSRF program may be addressed to Rick Skarinka at rskarinka@des.state.nh.us or 271-2948, or Bob Mann at rmann@des.state.nh.us or 271-2953.

DRINKING WATER STATE REVOLVING FUND LOAN
APPLICATION PACKAGE CHECKLIST

1. a. Application for the DWSRF ____

   b. Planning Document
      1) Description of the planning area ____
      2) Projections of service population and projected water demands ____
      3) Written narrative of the existing water supply needs ____
      4) Cost-effective analysis of the alternatives ____
      5) Project cost estimates ____
      6) Statement as to legal, institutional, managerial, and financial capacity ____
      7) Statements which address environmental socio-economic impacts ____
      8) Description of SWP program (If SWP project) ____

2. Disadvantaged Water System Worksheet ____

3. Certifying Authorization to File ____

4. Authority to File Application ____

5. Intergovernmental Review Process ____
   a. Executive Summary ____
   b. USGS Map ____

6. a. Cash Flow Projection and Source of Repayment Funds
      1) Cash Flow Projection ____
      2) Source of Loan Repayment Funds ____
      3) Projected User Rate ____
      4) Statement Identify All Funding Sources ____
      5) Identification of Financial Institution ____
      6) Statement of Outstanding Debt ____
   b. Financial Data (Privately-owned Water Systems) ____

7. Letter stating that the water system has sufficient funding and financial capability to support both the project and operation and maintenance of the water system. ____

8. Self-Assessment Form for Capacity Development ____

9. Copy of latest annual financial report ____

NOTE: One copy of each document required

Instructions for Drinking Water State Revolving Fund Application

The Section numbers on these instructions correspond with the form numbers noted in the cover memo checklist and noted in the upper right corner of each of the application forms provided.

1. a. **Application for the DWSRF (Form 1)**
   This form summarizes the application information and is self-explanatory. The authorized representative of the water system must sign this form. The authorized representative must be a governing member authorized by the governing body to act on behalf of said governing body.

   b. **Planning Document**
   Each application must include a Planning Document, which adequately describes the proposed project. The details of this document will vary with the complexity and scope of the project. The planning document shall include the following elements as a minimum:

   1) Description of the planning area including service boundaries, and current limits of the water system. For large systems, a copy of a USGS map showing the boundaries of the water system and identification of the major components is sufficient.
   2) Projections of service population and projected water demands that serve as the basis of design for the project. Eligible design capacity for treatment related facilities is based on 20-year projected needs. Eligible design capacity for intake, transmission, distribution, and storage facilities is based on 40-year projected needs.
   3) Written narrative of the existing water supply needs. This narrative should identify any source or storage quantity deficiencies, and treatment/design deficiencies. Public water systems that operate in a manner that maximizes their efforts to protect public health and maintain compliance may be awarded bonus points in the priority ranking system. These efforts include source water protection, conservation, backflow prevention, and emergency planning. The water system should indicate if they have master and customer meters, and a meter replacement program. Also, indicate if you have in-place a rate structure that promotes conservation and an implemented water conservation strategy, along with an estimate of unaccounted water loss.
   4) Cost-effective analysis of alternatives to address water supply needs. The analysis includes all costs including, but not limited to, present worth or equivalent annual value of all capital and operating costs.

5) Project cost estimates itemized in adequate detail, including planning, preliminary engineering, engineering, construction, and land purchase fees including contingencies (10%) and interest during the project. Other eligible costs include pre-construction costs associated with initiation of the loan including legal fees. Typically, engineering estimates or quotes from manufacturers will be sufficient information.
6) A statement of the legal, institutional, managerial, and financial capacity to construct and operate and maintain the water system.
7) Statements which address the impact or potential impact the project may have on the following:
    1. Air quality
    2. Noise
    3. Surface water and ground water
    4. Coastal zone and wild and scenic rivers
    5. Wetlands, flood plains
    6. Agriculture, wildlife and endangered species
    7. Social-economic
    8. Recreation and historic
    9. Indirect impacts, that may result from the completed project.

Mitigation measures, where needed, should be discussed regarding control of runoff, noise, odors or similar impacts, which may be created by the project.

8) For source water protection (SWP) projects, a description of the SWP program for the well or intake and how the proposed project or land quisition is consistent with the program. For SWP land acquisition, a map that shows the parcels to be acquired in relation to the well or intake and all of the source's other protected land. If the land purchase will leverage the ability to acquire other SWP land, explain how this will occur. For SWP projects other than land acquisition, describe the potential contamination sources to be addressed with a map showing their locations in relation to the well or intake.

2. Disadvantaged Water System Worksheet

This worksheet is intended to assist the applicant in determining if the water system qualifies for the Disadvantaged System Program. This program provides for principal forgiveness of a portion of the loan. The range of principal forgiveness is between 15 percent and 30 percent as noted in the table on the worksheet. Please note that this worksheet does not apply to Source Water Protection (SWP) grants and SWP land Acquisition projects.

The median household income for every city and town can be found in Appendix D. A water system can choose to perform an income survey on their water system. For more information regarding a specific income survey for your water system, please contact Rick Skarinka at 271-2948 or rskarinka@des.state.nh.us.

After completion of the worksheet, the affordability index should be noted on the application (Form 1). This will alert the reviewer to the request for principal forgiveness.

3 and 4. Certifying Authorization to File and Authority to File Application

The governing body must provide authorization to file an application and identify an authorized representative for the purpose of submitting the application, furnishing such information, data, and documents pertaining to the application. Please note that it is not necessary to have authorization to borrow funds to submit an application. However, the governing body must recognize the filing of an application. For an applicant that is an individual owner, these forms must still be completed except that a resolution authorizing the filing of this application is not necessary.

Prior to executing a loan agreement, a resolution of the governing body (town meeting, district meeting, board of directors), which constitutes a commitment to construct the project and enter into an agreement to borrow funds from the State, shall be submitted. Also, a certified copy of the minutes of the meeting at which the resolution was passed shall be submitted. It is important to note that a copy must be certified by the town clerk or a notary public.

Projects may be placed on the priority list without authorization to borrow funds. However, projects that lack authorization to borrow funds for a project will be bypassed for funding until a positive vote is obtained.

5. Intergovernmental Review Process

Every project shall be processed through the Intergovernmental Review Process (IRP) coordinated by the NH Office of Energy and Planning. This process is designed to provide an opportunity to State and local agencies to review projects and activities being undertaken in the State of New Hampshire utilizing state or federal funds. The Office of Energy and Planning is the contact agency and identifies other state agencies, which will be provided with the opportunity to comment on the proposed project.

The applicant shall prepare package for submittal to the Office of Energy and Planning, which shall include the following items:

a) Executive summary outlining the general nature of the project.
b) 8 ½ x 11 map indicating the location of the project.

Items a and b shall be submitted along with the full application package to DES.

6. a) **Cash Flow Projection, Source of Loan Prepayment funds and Financial Data**

The applicant must submit the following information relating to the financing of the project and sources of revenue:

1) the applicant shall submit an estimated cash flow projection for all phases of the project. These projections shall include costs for planning, engineering, construction, and other related costs to be incurred during a particular month. Below is an example of a cash flow projection:

Project: Water main replacement

Month/year	Estimated Cash Draw
November/2007	$20,000
December/2007	$20,000
March/2008	$150,000
April/2008	$200,000
May/2008	$200,000
June/2008	$100,000
Total Amount:	$690,000

2) The applicant shall submit a statement indicating the source of the loan repayment funds and methods for generating revenue. These methods include user fees, general tax revenue, or other methods as determined by the applicant. The applicant shall be required to establish a user charge system, which shall generate sufficient revenues for the operation and maintenance, including reasonable replacement cost. Also, the applicant shall establish an acceptable dedicated source or sources of revenue to repay the loan.
3) The applicant shall provide the projected user rate for the water system. The projected water rate shall include the existing annual user cost plus the projected rate increase due to the project. The annual user cost shall be based on 100,000 gallons usage per year per household. Also, the applicant shall provide the Median Household Income of the municipality or public water system (See Appendix D).
4) The applicant shall submit a statement identifying all anticipated sources of funding for the proposed project. This includes both loan and grant sources. Also the name of the applicant's bank or financial

institution to which payments will be electronically transferred shall be submitted.

5) The applicant shall submit a statement signed by the authorized representative stating whether or not the applicant has any outstanding debt, along with a copy of the latest financial report for the municipality.

b) **Financial Data for Privately Owned Water Systems**

All applicants of privately owned water systems are required to submit the following financial information for proper review of their application:

i. Legal name under which the applicant will be borrowing.
ii. Current personal financial statements, include personal statements on all individuals having 20percent or more ownership in borrowing entity.
iii. Copies of last three fiscal year end financial statements of borrowing entity.
iv. Most recent interim financials statement of borrowing entity.
v. Detailed list of revenue stream by customer.
vi. Approved Order from Public Utilities Commission if regulated by PUC.

7. Letter signed by the authorized representative certifying the applicant has the financiacapabiity to support both the project loan repayment and continuing operation and maintenance of the water system. (See sample letter attached with application package)

8. Self-Assessment Form

The applicant must complete this self-assessment form to be eligible for funding from the DWSRF. This assessment form is intended to demonstrate that the water system has the technical, managerial, and financial capacity. As you will see, the form identifies many aspects of public water system operations. It is intended to assist public water systems in analyzing their operations for improvement and aid the DES in establishing baseline data for public water systems throughout New Hampshire.

New Hampshire Department of Environmental Services

Water Division

APPLICATION FOR THE STATE REVOLVING FUND

Re: RSA 486:14

DRINKING WATER

Public Water System:_____ EPA #:_____

Town/City:_____ Municipal___ Private___

Owner: _____

Mailing Address: _____ Contact Person:_____

_____ Phone #: _____

_____

The applicant hereby makes application to the State of New Hampshire for loan assistance for the project as described: _____

_____

_____

_____

COST INFORMATION

1. Estimated Construction Cost .....$_____

2. 10% Construction Contingency ..... $_____

3. Estimated Planning Engineering Costs.....$_____

4. Estimated Land Acquisition Costs.....$_____

5. Other (please specify) .....$_____

Total Estimated Costs .....$_____

Construction Design Begins Date:_____

Award of Construction Contract Date:_____

Project Completion Date:_____

Amount of Loan Requested $_____ Term of Loan Requested_____

Applying for disadvantaged system program Yes No

Affordability Index (See Disadvantaged Worksheet)_____

The attachments are hereby made part of this application and the undersigned representative of the Applicant certifies that the information in the application and in the attachments is true, correct, and complete to the best of the representative's knowledge and belief.

_____ _____ _____

(Signature of Representative) (Title) (Date)

DISADVANTAGED WATER SYSTEM WORKSHEET

A Median Household Income of municipality or public water system *:_____

B State of New Hampshire Median Household Income: $49,467

If Line A is less than Line B, then go to Line C. If Line A is greater than Line B, then the public water system does not qualify for the disadvantaged system program.

C Existing Annual User Cost ($ per year): _____
(Based upon 100,000 gallons used per year per household)

D Projected Rate Increase Due to Project: _____
(Based upon 100,000 gallons used per year per household)

E Projected User Rate (Line C + Line D): _____

F Affordability Index(Line E divided by Line A multiplied by 100): _____

If the Affordability Index is greater than 1.0 see table below for range of Principal Forgiveness:

*An applicant may choose to use the 2000 Nonmetropolitan Income Measures prepared for the Rural Utility Services as provided in Appendix D or perform an income survey of their water system users. For specific information on procedures for conducting an income survey contact Rick Skarinka at 271-2948.

Disadvantaged System Assistance

Affordability Index* (resulting project user rate /1% of system or community MHI)	Ratio of Principal Forgiveness/ Loan
1.0 - 1.5	15% principal forgiveness/85% loan
1.5 - 2.0	20%/80%
2.0 - 2.5	25%/75%
>2.5	30%/70%

Note: Source water protection projects and source water protection land acquisition projects are not eligible for the Disadvantaged System Program.

CERTIFYING AUTHORIZATION TO FILE

I, the undersigned, the duly qualified and acting _____
(title of officer)
of the _____
(applicant)
herein called the "Applicant" and keeper of the records of the Applicant, including the journal of the proceedings of the _____
(governing body of the Applicant)
herein called the "Governing Body" do hereby certify:

1. That the attached resolution is a true and correct copy of the resolution as finally adopted at a meeting of the Governing Body held on the _____ day of _____, 19___, and duly recorded in my office;

2. That said meeting was duly convened and held in all respects in accordance with law and to the extent required by law, due and proper notice of such meeting was given; and a legal quorum was present throughout the meeting; and a legally sufficient number of members of the governing body voted in the proper manner and for the adoption of said resolution; that all other requirements and proceedings under the law incident to the proper adoption or passage of said resolution including publication, if required, have been duly fulfilled, carried out, and otherwise observed; and that I am authorized to execute this certificate;

3. That if an impression of the seal has been affixed below, it constitutes the official seal of the Applicant and this Certificate is hereby executed under such official seal; but if no seal has been affixed, the Applicant does not have an official seal;

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 19____.

If the Applicant has an official seal, impress here.

(seal)

_____
(signature of officer)

_____
(type or print name of officer)

_____
(title of officer)

FORM FOUR

AUTHORITY TO FILE APPLICATION

WHEREAS, _____ (The "Applicant")

after thorough consideration of the nature of its water system needs, hereby determines that the undertaking of certain works, generally described as:

_____

_____ (the "Project")
is desirable and in the public interest, and to that end it is necessary to apply for assistance from the State Revolving Fund (DWSRF); and

WHEREAS, the Applicant has examined and duly considered the provisions of RSA 486:14 and the New Hampshire Code of Administrative Rules Chapter Env-Dw 1100, which relate to loans from the Drinking Water State Revolving Fund and deems it to be in the public interest to file a loan application and to authorize other actions in connection therewith;

NOW, THEREFORE, BE IT RESOLVED BY _____

_____,
the governing body of said Applicant, as follows:

1. That _____ is hereby authorized on behalf of the Applicant to file an application for a loan to be made in accordance with New Hampshire Code of Administrative Rules Chapter Env-Dw 1100;

2. That if such loan be made, the Applicant agrees to repay the loan as stipulated in the loan agreement;

3. That the said _____ is hereby authorized to furnish such information and to take such other action as may be necessary to enable the Applicant to qualify for the loan;

4. That the said _____ is hereby designated as the authorized representative of the Applicant for the purpose of furnishing such information, data, and documents pertaining to the applicant for a loan as may be required; and otherwise to act as the authorized representative of the Applicant in connection with this application.

5. That certified copies of this resolution be included as part of the application to be submitted for a loan;

6. That if such loan be made, the applicant agrees to make provisions for assuming proper and efficient operation and maintenance of the facilities after completion of the construction thereof.

VOTED:

I certify that said vote has not been amended or repealed and remains in full force and effect as of the date of this Certification and that _____

is the _____ of the Town of

_____

ATTEST:

Date: _____ _____

	SOURCE WATER PROTECTION AND EMERGENCY PREPAREDNESS				
	General Source Water Protection	**Yes**	**No**	**N/A**	**Unknown**
1	Do you have a written source water protection program?	☐	☐	☐	☐
2	If yes, is the source protection program being actively implemented?	☐	☐	☐	☐
3	If your system purchases water, does the supplier have a written protection program?	☐	☐	☐	☐
4	Do you have a source water protection outreach program?	☐	☐	☐	☐
5	Have you reviewed your Drinking Water Source Assessment Report from DES? (If you have not received it, please call DES at 271-0657)	☐	☐	☐	☐
6	Have steps been taken to address criteria identified in the Drinking Water Source Assessment Report as "High" risk?	☐	☐	☐	☐
7	Have the planning board or land use officials in each town in which your source protection area(s) are located been informed in writing that these areas exist?	☐	☐	☐	☐
8	Are you familiar with DES's grant programs for source water protection?	☐	☐	☐	☐
9	Do you patrol your source protection area(s) at least annually?	☐	☐	☐	☐
10	Do you evaluate and/or survey potential contamination source (PCS) businesses identified in the source water assessment at least once every three years? (required for new sources approved after 1991 and recommended for all others)	☐	☐	☐	☐
	Answer only the following sections that apply				
	Source Water Protection--Surface Water				
11	Have you reviewed the watershed delineation included in your Drinking Water Source Assessment Report?	☐	☐	☐	☐
12	Do you control the shoreline of your source through ownership or easements on the land?	☐	☐	☐	☐
13	Is the remainder of the watershed protected through public ownership or restrictive zoning?	☐	☐	☐	☐
14	Are current state rules tailored specifically to protect your surface water source?	☐	☐	☐	☐
15	Are water use restrictions (e.g., boating, swimming) in place for the entire water body?	☐	☐	☐	☐
16	Are water use restrictions (e.g., boating, swimming) in place for the area around your intake?	☐	☐	☐	☐
17	Do you have signs at the public access points to notify users of restrictions?	☐	☐	☐	☐
	Source Water Protection--Ground Water				
18	Have you reviewed the wellhead protection area delineation included in your Drinking Water Source Assessment Report?	☐	☐	☐	☐
19	Do you own or control land use activities on all the land in the sanitary protective radius of each well?	☐	☐	☐	☐
20	Do you own the land or control land use activities in the wellhead protection area outside the sanitary protective radius?	☐	☐	☐	☐
	Emergency Preparedness				
21	Do you have a written emergency response plan to address threats to your water supply (industrial accidents/spills, vandalism, terrorist actions, etc.)?	☐	☐	☐	☐
22	Do you have a plan to increase water system security? (locks, fencing, alarms, motion detectors, etc)	☐	☐	☐	☐
23	Do you have a written Emergency Response Plan for system operations? See Ws–Env-360.14	☐	☐	☐	☐
	TECHNICAL CAPACITY				
	Water Quantity				
24	Do you have a sufficient quantity of source water to meet demand for the next 5 years?	☐	☐	☐	☐
25	Do you measure and record your daily water use, including maximum daily demand?	☐	☐	☐	☐

		Yes	No	N/A	Unknown
26	Can you meet anticipated maximum demand conditions (peak usage and/or emergency usage)?	☐	☐	☐	☐
27	Have you been able to meet usage demand during drought conditions?	☐	☐	☐	☐
28	Do you conduct water audits to determine the volume of unaccounted-for water?	☐	☐	☐	☐
29	Do you have routine leak detection and repair program?	☐	☐	☐	☐
30	Is unaccounted-for water less than 15 percent of the total water delivered to the water mains?	☐	☐	☐	☐
31	Do you have a water conservation plan or procedures?	☐	☐	☐	☐
32	Are the operating pressures in the water system between 35 psi and 85 psi at the service connections of each customer?	☐	☐	☐	☐
33	Can you maintain adequate pressure (20 psi or more) in the distribution system under all flow conditions?	☐	☐	☐	☐
34	***In the last three months, has there been more than three unscheduled service interruptions and / or one or more unscheduled service interruptions exceeding twelve hours?*** ***Yes=5 points***	☐	☐	☐	☐
35	If your system has more than 30 service connections, do you have an approved second source? (groundwater systems only)	☐	☐	☐	☐
	Water Quality				
36	***Does your finish water contain contaminants above their MCLs?*** ***Yes=20 points***	☐	☐	☐	☐
37	***Is the water treatment equipment, needed to achieve compliance with MCLs, operated and maintained in good working order?*** ***No=20 points***	☐	☐	☐	☐
38	***Has the system had any monitoring or reporting violations in the last twelve months?*** ***Yes=5 points***	☐	☐	☐	☐
39	Is your system in compliance with remaining SDWA requirements?	☐	☐	☐	☐
40	If no to above, do you know what deficiencies you have?	☐	☐	☐	☐
41	Do you have backflow prevention and cross connection control programs?	☐	☐	☐	☐
	Treatment: Corrosion Control				
42	Have the "first draw" water quality results for lead and copper been below 15 ug/l for lead and 1.3 mg/l for copper?	☐	☐	☐	☐
43	Does your finish water have a pH greater than 8 and an alkalinity greater than 50 mg/l?	☐	☐	☐	☐
	Treatment: Radionuclides				
44	Do you know if your radon levels are in the high (> 4000pCi/l), medium (300 to 4000 pCi/l), or low (< 300 pCi/l) range?	☐	☐	☐	☐
45	Are levels of radium (226 and 228 combined) in your finish water below 20 pCi/l?	☐	☐	☐	☐
46	Are levels of Gross Alpha (including radium 226, excluding radon and uranium) below 15 pCi/l?	☐	☐	☐	☐
	Treatment: Inorganic Contaminants				
47	Is the concentration of arsenic in your finish water below 0.01 mg/l? The current MCL for arsenic will change from 0.05 mg/l to 0.01mg/l in 2006	☐	☐	☐	☐
48	Is the concentration of fluoride in your finish water below 4 mg/l?	☐	☐	☐	☐
49	Is the concentration of nitrate in your finish water below 10 mg/l?	☐	☐	☐	☐
	Plant and Distribution Operations and Procedures				
50	***Does the water system have repair agreements with all three of the following contractors: electrical, mechanical and distribution system?*** ***No = 5 points***				
51	Does the operator flush the water system at least annually?	☐	☐	☐	☐
52	Do you have maps or plans that clearly define your service area?	☐	☐	☐	☐
53	Do you have current and accurate plans and diagrams of the distribution system (As-built plans)?	☐	☐	☐	☐

		Yes	No	N/A	Unknown
54	Are all valves exercised and lubricated annually?	☐	☐	☐	☐
55	Are all sources of supply and all customers metered?	☐	☐	☐	☐
56	Are all meters accurate, operational, and the proper size?	☐	☐	☐	☐
57	Do you have accurate and up-dated plant design plans and specifications?	☐	☐	☐	☐
58	Do you have a written comprehensive Operations and Maintenance manual for all system operations?	☐	☐	☐	☐
59	Do you have and use technical service manuals?	☐	☐	☐	☐
60	Is your operating machinery regularly inspected?	☐	☐	☐	☐
61	Do you have and use a preventive maintenance schedule for facilities equipment?	☐	☐	☐	☐
62	Do you have an adequate spare parts inventory to meet emergencies?	☐	☐	☐	☐
63	Are your test instruments regularly inspected and calibrated?	☐	☐	☐	☐
64	Can your standby/emergency power system supply sufficient power to operate your system during peak demand?	☐	☐	☐	☐
65	If yes, has it been tested/evaluated within the last six months?	☐	☐	☐	☐
	Staff Certification and Training				
66	Are the system operator(s) currently licensed for the required license classification(s)?	☐	☐	☐	☐
67	***Does the system have a back-up certified operator?*** ***No=5 points***	☐	☐	☐	☐
68	Do system personnel attend appropriate and required training?	☐	☐	☐	☐
69	Are all other key staff positions filled including office personnel, managerial personnel and water system over seers (trustees, selectmen, directors, etc.)?	☐	☐	☐	☐
	Water Quality Assurance				
70	Has your system had a sanitary survey within the last five years?	☐	☐	☐	☐
71	***Were any significant facility or operational deficiencies noted in the last sanitary survey? (ref. Env-Ws 306.01(d) (1 & 2)*** ***Yes=5 points***	☐	☐	☐	☐
72	Has the most recent sanitary survey indicated any deficiencies?	☐	☐	☐	☐
73	If yes, have the indicated deficiencies been corrected?	☐	☐	☐	☐
74	Has your system had a violation of SDWA rules or State water quality rules within the last two years?	☐	☐	☐	☐
	MANAGEMENT				
	Organizational Structure				
75	Does the system have a clearly identified ownership/management structure with clearly defined roles for owners and operators?	☐	☐	☐	☐
76	Does the system have a clearly identified official to interact with public and regulatory entities?	☐	☐	☐	☐
77	Is there an organizational chart to detail system structure?	☐	☐	☐	☐
78	Are all applicable by-laws, ordinances, charter provisions, covenants or other constitutional documents and governing agreements current?	☐	☐	☐	☐
79	Are constitutional and governing agreements regularly reviewed and amended?	☐	☐	☐	☐
80	Does the governing body hold duly and regularly scheduled meetings with proper public posting and appropriate time for public notification?	☐	☐	☐	☐
81	Are minutes of the meetings taken and made readily available to the public?	☐	☐	☐	☐
82	Do you have written personnel policies?	☐	☐	☐	☐
83	Are the personnel policies regularly reviewed and amended as needed?	☐	☐	☐	☐
84	Do you have a safety program?	☐	☐	☐	☐
85	Is the safety program regularly reviewed, practiced and amended as needed?	☐	☐	☐	☐

		Yes	No	N/A	Unknown
86	Do you have written policies and procedures for responding to public inquiries, concerns or complaints?	☐	☐	☐	☐
87	Do you have written operational policies and procedures for such things as: connection/disconnection, public notification for violations/alerts/emergencies?	☐	☐	☐	☐
88	Are these policies and procedures regularly reviewed and amended as needed?	☐	☐	☐	☐
89	Do you engage in general public education activities beyond the required issuance of Consumer Confidence Reports?	☐	☐	☐	☐
	System Planning				
90	Does your system have a written Comprehensive System Facilities Plan (long range, 10 to 20 year plan for total system operations)?	☐	☐	☐	☐
	Collaboration and Interconnection				
91	Are you interested in partnering with other drinking water systems, either locally or regionally, to share staff, water, equipment, or supplies and/or to purchase water, power, equipment, or supplies?	☐	☐	☐	☐
92	Are you interested in entering into mutual aid agreements with other systems?	☐	☐	☐	☐
93	Have you considered contracting your services, staff or equipment to other water systems as may be needed?	☐	☐	☐	☐
94	Have you considered the possibility of merging with adjacent systems?	☐	☐	☐	☐
	Computer Information Systems				
95	Do you have and use a computer for information management?	☐	☐	☐	☐
96	Is the computer used for process control?	☐	☐	☐	☐
97	Is the computer used for financial management?	☐	☐	☐	☐
98	Is the computer used for maintaining general information files?	☐	☐	☐	☐
99	Do you have an e-mail account?	☐	☐	☐	☐
100	Do you have Internet access?	☐	☐	☐	☐
	Budgeting				
101	Do you prepare a written annual budget?	☐	☐	☐	☐
102	Do your annual revenues exceed annual operating, maintenance & administrative expenses by 10 to 20 percent?	☐	☐	☐	☐
103	Are water system revenues applied only to water system expenses?	☐	☐	☐	☐
104	Are you meeting your budget goals with respect to income and expenses?	☐	☐	☐	☐
105	Does your budgeting process provide for depreciation of existing equipment?	☐	☐	☐	☐
106	***Does the water system fund a capital reserve account?*** ***No=5 points***	☐	☐	☐	☐
	Financial Controls				
107	Do you have written policies for billing and collection?	☐	☐	☐	☐
108	Do you prepare monthly and/or quarterly financial statements?	☐	☐	☐	☐
109	Do overseers (commissioners, selectmen, directors, etc.) regularly review financial statements?	☐	☐	☐	☐
110	Does your system have an annual financial audit?	☐	☐	☐	☐
111	Are delinquent accounts less than 5% of the annual operating budget?	☐	☐	☐	☐
112	Are the water system's contractual obligations being met?	☐	☐	☐	☐
113	***Does the water system have any contractual debts over 6 months in arrears?*** ***Yes=5 points***	☐	☐	☐	☐

	Water Rates				
114	Do you review your rate structure and fees annually?	☐	☐	☐	☐
	Does your rate structure generate sufficient income to:				
115	Pay for operating expenses?	☐	☐	☐	☐
116	Fund depreciation or reserve accounts?	☐	☐	☐	☐
117	Fund a capital reserve account to cover equipment replacement expenses?	☐	☐	☐	☐
118	Does your water system generate sufficient income to meet estimated expenses during the current and forecasted budget years?	☐	☐	☐	☐
119	To withstand cash flow fluctuations, does the system have an operating cash reserve equal to or greater than 1/8 its annual operating budget?	☐	☐	☐	☐
120	Can your system cover the cost of an emergency or failure of its most vulnerable system component? (well, supply source, pump, etc.)	☐	☐	☐	☐
121	Are your water rates "affordable"? NHDES considers an annual water rate equal to or less than 1 percent of the community's median household income to be affordable. (New Hampshire residential average for 2001: $304/home/year)	☐	☐	☐	☐
	Financial Planning				
122	Do you prepare a multi-year budget (three years or more)?	☐	☐	☐	☐
123	Do you have a written long-range capital improvement plan (ten years or more)?	☐	☐	☐	☐

System name: _____ EPAID #: _____

If you believe your system would benefit from training or assistance, please describe your needs in the space below:

Technical

Help wanted: _____

_____

_____

Financial

Help wanted: _____

_____

_____

_____

Managerial

Help wanted: _____

_____

_____

_____

HAVE QUESTIONS ? NEED HELP ? HAVE SUGGESTIONS?

Please contact:

Richard Thayer, Capacity Coordinator,603-271-2950 or rthayer@des.state.nh.us or visit the New Hampshire's Capacity Development web page at www.des.state.nh.us/wseb/capacity/

APPENDIX A

CHARGE RATES FOR SRF LOANS

Term of Loan	Charge Rate (Effective 10/01/06 - 09/30/07)
5 Years	1.0475%
10 Years	2.0950%
15 Years	3.1425%
20 Years	3.3520%

⇒ 8.19
⇒ 6.19
⇒ 5.52
⇒ 5.44

↑
SRF Estimated
11 Bond GO

Source: NH Department of Environmental Services, October 2006

SRFINT07

PROCUREMENT UNDER STATE REVOLVING LOAN FUND ASSISTANCE

(a) Procurement standards.

(1) Loanees will use their own procurement procedures which reflect applicable State and local laws and regulations.

(2) Loanees will maintain a contract administration system which ensures that contractors perform in accordance with the terms, conditions, and specifications of their contracts or purchase orders.

(3) Loanees will maintain a written code of standards of conduct governing the performance of their employees engaged in the award and administration of contracts. No employee, officer or agent of the loanee shall participate in selection, or in the award or administration of a contract if a conflict of interest, real or apparent, would be involved. Such a conflict would arise when:

(i) The employee, officer or agent,

(ii) Any member of his immediate family,

(iii) His or her partner, or

(iv) An organization which employs, or is about to employ, any of the above, has a financial or other interest in the firm selected for award. The loanee's, officers, employees or agents will neither solicit nor accept gratuities, favors or anything of monetary value from contractors, potential contractors, or parties to subagreements. Loanees may set minimum rules where the financial interest is not substantial or the gift is an unsolicited item of nominal intrinsic value. To the extent permitted by State or local law or regulations, such standards of conduct will provide for penalties, sanctions, or other disciplinary actions for violations of such standards by the loanee's officers, employees, or agents, or by contractors or their agents. The Department of Environmental Services (NHDES) may in regulation provide additional prohibitions relative to real, apparent, or potential conflicts of interest.

(4) Loanee procedures will provide for a review of proposed procurements to avoid purchase of unnecessary or duplicative items. Consideration should be given to consolidating or breaking out procurements to obtain a more economical purchase. Where appropriate, an analysis will be made of lease versus purchase alternatives, and any other appropriate analysis to determine the most economical approach.

(5) Loanees will make awards only to responsible contractors possessing the ability to perform successfully under the terms and conditions of a proposed procurement.

Consideration will be given to such matters as contractor integrity, compliance with public policy, record of past performance, and financial and technical resources.

(6) Loanees will maintain records sufficient to detail the significant history of a procurement. These records will include, but are not necessarily limited to the following: rationale for the method of procurement, selection of contract type, contractor selection or rejection, and the basis for the contract price.

(7) Loanees will use time and material type contracts only

(i) After a determination that no other contract is suitable, and

(ii) If the contract includes a ceiling price that the contractor exceeds at its own risk.

(8) Loanees alone will be responsible, in accordance with good administrative practice and sound business judgment, for the settlement of all contractual and administrative issues arising out of procurements. These issues include, but are not limited to source evaluation, protests, disputes, and claims. These standards do not relieve the loanee of any contractual responsibilities under its contracts. Federal or State agencies will not substitute their judgment for that of the loanee unless the matter is primarily a Federal or State concern. Violations of law will be referred to the local, State, or Federal authority having proper jurisdiction.

(9) Loanees will have protest procedures to handle and resolve disputes relating to their procurements and shall in all instances disclose information regarding the protest to the NHDES. A protestor must exhaust all administrative remedies with the loanee before pursuing a protest with the NH DES. Reviews of protests by NH DES will be limited to:

(i) Violations of State law or regulations;

(ii) Violations of the loanee's protest procedures for failure to review a complaint or protest. Protests received by the NH DES other than those specified above will be referred to the loanee.

(b) Competition.

(1) All procurement transactions will be conducted in a manner providing full and open competition. Some of the situations considered to be restrictive of competition include. but are not limited to:

(i) Placing unreasonable requirements on firms in order for them to qualify to do business.

(ii) Requiring unnecessary experience and excessive bonding.

(iii) Noncompetitive pricing practices between firms or between affiliated companies.

(iv) Noncompetitive awards to consultants that are on retainer contracts.

(v) Organizational conflicts of interest.

(vi) Specifying only a "brand name" product instead of allowing "an equal" product to be offered in describing the performance or other relevant requirements of the procurement.

(vii) Any arbitrary action in the procurement process.

(2) Loanees will conduct procurements in a manner that prohibits the use of statutorily or administratively imposed in-State or local geographical preferences in the evaluation of bids or proposals, except in those cases where applicable Federal statutes expressly mandate or encourage geographic preference. Nothing in this section preempts State licensing laws. When contracting for architectural and engineering (A/E) services, geographic location may be a selection criteria provided its application leaves an appropriate number of qualified firms, given the nature and size of the project, to compete for the contract.

(3) Loanees will have written selection procedures for procurement transactions. These procedures will ensure that all solicitations:

(i) Incorporate a clear and accurate description of the technical requirements for the material, product, or service to be procured. Such description shall not, in competitive procurements, contain features which unduly restrict competition. The description may include a statement of the qualitative nature of the material, product or service to be procured, and when necessary, shall set forth those minimum essential characteristics and standards to which it must conform if it is to satisfy its intended use. Detailed product specifications should be avoided if at all possible. When it is impractical or uneconomical to make a clear and accurate description of the technical requirements, a "brand name or equal" description may be used as a means to define the performance or other salient requirements of a procurement. The specific features of the named brand which must be met by offerors shall be clearly stated; and

(ii) Identify all requirements which the offerors must fulfill and all other factors to be used in evaluating bids or proposals.

(4) Loanees will ensure that all prequalified lists of persons, firms, or products which are used in acquiring goods and services are current and include enough qualified sources to ensure maximum open and free competition. Also, loanees will not preclude potential bidders from qualifying during the solicitation period.

(c) Methods of procurement to be followed.

(1) Procurement by small purchase procedures. Small purchase procedures are those relatively simple and informal procurement methods for securing services, supplies, or other property that do not cost more than $25,000 in the aggregate. If small purchase procurements are used, price or rate quotations shall be obtained from an adequate number of qualified sources.

(2) Procurement by sealed bids (formal advertising). Bids are publicly solicited and a firm-fixed price contract (lump sum or unit price) is awarded to the responsible bidder whose bid, conforming with all the material terms and conditions of the invitation for bids, is the lowest in price. The sealed bid method is the preferred method for procuring construction.

(i) In order for sealed bidding to be feasible, the following conditions should be present:

(A) A complete, adequate, and realistic specification or purchase description is available;

(B) Two or more responsible bidders are willing and able to compete effectively for the business; and

(C) The procurement lends itself to a firm fixed-price contract and the selection of the successful bidder can be made principally on the basis of price.

(ii) If sealed bids are used, the following requirements apply:

(A) The invitation for bids will be publicly advertised and bids shall be solicited from an adequate number of known suppliers, providing them sufficient time prior to the date set for opening the bids;

(B) The invitation for bids, which will include any specifications and pertinent attachments, shall define the items or services in order for the bidder to properly respond;

(C) All bids will be publicly opened at the time and place prescribed in the invitation for bids;

(D) A firm fixed-price contract award will be made in writing to the lowest responsive and responsible bidder. Where specified in bidding documents, factors such as discounts, transportation cost, and life cycle costs shall be considered in determining which bid is lowest. Payment discounts will only be used to determine the low bid when prior experience indicates that such discounts are usually taken advantage of; and

(E) Any or all bids may be rejected if there is a sound documented reason.

(3) Procurement by competitive proposals. The technique of competitive proposals is normally conducted with more than one source submitting an offer, and either a fixed-price or cost-reimbursement type contract is awarded. It is generally used when conditions are not appropriate for the use of sealed bids. If this method is used, the following requirements apply:

(i) Requests for proposals will be publicized and identify all evaluation factors and their relative importance. Any response to publicized requests for proposals shall be honored to the maximum extent practical;

(ii) Proposals will be solicited from an adequate number of qualified sources;

(iii)Loanees will have a method for conducting technical evaluations of the proposals received and for selecting awardees;

(iv) Awards will be made to the responsible firm whose proposal is most advantageous to the project, with price and other factors considered; and

(v) Loanees may use competitive proposal procedures for qualifications-based procurement of architectural/engineering (A/E) professional services whereby competitors' qualifications are evaluated and the most qualified competitor is selected, subject to negotiation of fair and reasonable compensation. The method, where price is not used as a selection factor, can only be used in procurement of A/E professional services. It cannot be used to purchase other types of services though A/E firms are a potential source to perform the proposed effort.

(4) Procurement by noncompetitive proposals or procurement through solicitation of a proposal from only one source, or after solicitation of a number of sources, competition is determined inadequate.

(i) Procurement by noncompetitive proposals may be used only when the award of a contract is not feasible under small purchase procedures, sealed bids or competitive proposals and one of the following circumstances applies:

(A) The item is available only from a single source;

(B) The public exigency or emergency for the requirement will not permit a delay resulting from competitive solicitation.

(C) NH DES authorizes noncompetitive proposals; or

(D) After solicitation of a number of sources, competition is determined inadequate.

(ii) Cost analyses, i.e. verifying the proposed cost data, the projections of the data, and the evaluation of the specific elements of costs and profit, is required.

(iii)Loanees may be required to submit the proposed procurement to the NH DES for pre-award review in accordance with paragraph (f) of this section.

(d) Contracting with small and minority firms, women's business enterprise and labor surplus area firms.

(1) The loanee will take all necessary affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used whenever possible.

(2) Affirmative steps shall include:

(i) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;

(ii) Assuring that small and minority businesses and women's business enterprises are solicited whenever they are potential sources;

(iii)Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises;

(iv) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises;

(v) Using the service and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce; and

(vi) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (d)(2)(i) through (v) of this section.

(e) Contract cost and price.

(1) Loanees must perform a cost or price analysis in connection with every procurement action including contract modifications. The method and degree of analysis is dependent on the facts surrounding the particular procurement situation, but as a starting point, loanees must make independent estimates before receiving bids or proposals. A cost analysis must be performed when the offeror is required to submit the elements of his estimated cost, e.g., under professional, consulting, and architectural engineering services

contracts. A cost analysis will be necessary when adequate price competition is lacking, and for sole source procurements, including contract modifications or change orders, unless price reasonableness can be established on the basis of a catalog or market price of a commercial product sold in substantial quantities to the general public or based on prices set by law or regulation. A price analysis will be used in all other instances to determine the reasonableness of the proposed contract price.

(2) Loanees will negotiate profit as a separate element of the price for each contract in which there is no price competition and in all cases where cost analysis is performed. To establish a fair and reasonable profit, consideration will be given to the complexity of the work to be performed, the risk borne by the contractor, the contractor's investment, the amount of subcontracting, the quality of its record of past performance, and industry profit rates in the surrounding geographical area for similar work.

(3) The cost plus a percentage of cost and percentage of construction cost methods of contracting shall not be used.

(f) DES review.

(1) Loanees must make available, upon request of the NH DES, technical specifications on proposed procurements where the NH DES believes such review is needed to ensure that the item and/or service specified is the one being proposed for purchase. This review generally will take place prior to the time the specification is incorporated into a solicitation document.

(2) Loanees must on request make available for NH DES pre-award review. procurement documents, such as requests for proposals or invitations for bids, independent cost estimates, etc., when:

(i) A loanee's procurement procedures or operation fails to comply with the procurement standards in this section; or

(ii) The procurement is expected to exceed $25,000 and is to be awarded without competition or only one bid or offer is received in response to a solicitation; or

(iii)The procurement, which is expected to exceed $25,000, specifies a "brand name" product; or

(iv) The proposed award over $25,000 is to be awarded to other than the apparent low bidder under a sealed bid procurement; or

(v) A proposed contract modification changes the scope of a contract or increases the contract amount by more than $25,000.

(g) Bonding requirements. For construction or facility improvement contracts or subcontracts exceeding $100,000, the DES may accept the bonding policy and requirements of the loanee provided the DES has made a determination that the DES's interest is adequately protected. If such a determination has not been made, the minimum requirements shall be as follows:

(1) A bid guarantee from each bidder equivalent to five percent of the bid price. The bid guarantee shall consist of a firm commitment such as a bid bond, certified check, or other negotiable instrument accompanying a bid as assurance that the bidder will, upon acceptance of his bid, execute such contractual documents as may be required within the time specified.

(2) A performance bond on the part of the contractor for 100 percent of the contract price. A performance bond is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.

(3) A payment bond on the part of the contractor for 100 percent of the contract price. A payment bond is one executed in connection with a contract to assure payment as required by law of all persons supplying labor and material in the execution of the work provided for in the contract.

(h) Contract provisions. A loanee's contracts must contain the following provisions:

(1) Administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as may be appropriate. (Contracts other than small purchases.)

(2) Termination for cause and for convenience by the loanee, including the manner by which it will be effected and the basis for settlement. (All contracts in excess of $10,000).

(3) Compliance with Executive Order 11246 of September 24, 1965 entitled, "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967 and as supplemented in Department of Labor regulations (41 CFR Chapter 60). (All construction contracts awarded in excess of $10,000 by loanees and their contractors).

(5) Access by the loanee or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

(6) Retention of all required records for three years after loanees make final payments and all other pending matters are closed.

APPENDIX C

FEDERAL ENVIRONMENTAL REQUIREMENTS

A. Environmental Authorities:

Initial compliance status of the project with these acts and orders will be made by the Department of Environmental Services (DES). If further information or documentation is needed, the applicant shall be responsible for providing the specific information.

Archeological and Historic Preservation Act of 1974, Pub. L. 86-523, as amended relates to identifying relics and specimens and other forms of scientific, prehistoric, historical, or archaeological data that may be lost in the course of construction and;

Protection and Enhancement of Cultural Environment (Executive Order 11593) related to the identification and protection of historic properties as part of a section of the National Historic Preservation Act of 1966(16 U.S.C. 470; Section 106 of P.L. 89-665 as amended. This Act requires agencies to identify and nominate for the National Registrar of Historic Places resources under its control and to ensure that these resources are not inadvertently transferred, sold, demolished, or substantially altered or allowed to deteriorate significantly. For specific information regarding the above acts contact Gary Hume at 271-6628.

Clean Air Act of 1970 (Pub. L. 97-348, as amended) relates to the impact on air quality. Section 176(c) of the act prohibits any assistance for an activity that fails to conform with an applicable state implementation plan. For specific information regarding the Clean Air Act please contact Tom Noel of the Air Resources Division at 271-1370.

Coastal Barrier Resources Act (P.L. 97-348, as amended) restricting financial assistance that would have the effect of encouraging development in the Coastal Barrier Resources System and in the wetlands, natural habitats, and other ecosystems adjacent to the coastal barriers.

Coastal Zone Management Act of 1972 (P.L. 92-583, as amended) regarding the assurance of project consistency with the approved State management program developed under this Act. Activities, including the financial assistance to state and local governments affecting the coastal zone must be consistent with approved state coastal zone management plans. If you need specific information regarding the Coastal Barrier Resources Act or the Coastal Zone Management Act please contact the Office of State Planning at 271-2155.

Endangered Species Act of 1973 Pub. L. 93-205, as amended, requires that federal agencies proposing (or funding, licensing, or permitting) an action potentially affecting federally-designated threatened or endangered species, consult with the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service, to determine if it is likely that threatened or endangered species will be affected.

Fish and Wildlife Coordination Act P.L. 85-624, as amended, requires that federal agencies proposing (or funding, licensing, or permitting) an action affecting water resources to consult with the U.S. Fish and Wildlife Service, (and/or the National Marine Fisheries Service, as appropriate), and the NH Fish and Game Department, with the intent of learning how the proposed action can be modified to reduce potential impacts to fish and wildlife resources. For specific information regarding these programs please contact Phillip Morrison or Susi von Oettingen at 225-1411.

Floodplain Management, Executive Order 11988, as amended by Executive Order 12148), regarding evaluation of flood hazards on floodplains, requires that federal agencies (or funding, licensing, or permitting) undertaking or assisting activities to determine whether the proposed activities will occur in a floodplain, select alternative locations to a floodplain if that is practical, and if no practical alternatives are available, take measures to reduce the risk of flood damage.

Environmental Justice, Executive Order 12898, requires fthat ederal agencies make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionally high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations in the United States.

Farmland Protection Policy Act, Pub. L. 97-98, directs federal agencies to identify the potential adverse effects of their programs on farmland and its conversion to nonagricultural uses and to take mitigating or alternative measures to lessen these effects.

Protection of Wetlands Executive Order 11990 directs federal agencies to determine whether proposed activities will be located in or affect a wetland and to refrain from damaging or altering wetlands in any manner when there are feasible alternatives to the action.

Wild and Scenic Rivers Act, Pub. L. 90-542, as amended, relates to protecting components or potential components of the national wild and scenic rivers system, prohibits federal assistance for water resources development projects that would have adverse effects on the recreational or other special values of a wild and scenic river.

APPENDIX D

areaname	Median household income (dollars)
New Hampshire	$ 49,467
[redacted] New Hampshire	$ 43,605
Alton town, Belknap County, New Hampshire	$ 43,451
Barnstead town, Belknap County, New Hampshire	$ 47,449
Belmont town, Belknap County, New Hampshire	$ 47,717
Center Harbor town, Belknap County, New Hampshire	$ 51,806
Gilford town, Belknap County, New Hampshire	$ 48,658
Gilmanton town, Belknap County, New Hampshire	$ 50,542
Laconia city, New Hampshire	$ 37,796
Meredith town, Belknap County, New Hampshire	$ 42,758
New Hampton town, Belknap County, New Hampshire	$ 47,583
Sanbornton town, Belknap County, New Hampshire	$ 48,458
Tilton town, Belknap County, New Hampshire	$ 41,977
[redacted] New Hampshire	$ 39,990
Albany town, Carroll County, New Hampshire	$ 36,635
Bartlett town, Carroll County, New Hampshire	$ 39,107
Brookfield town, Carroll County, New Hampshire	$ 52,132
Chatham town, Carroll County, New Hampshire	$ 37,188
Conway town, Carroll County, New Hampshire	$ 35,873
Eaton town, Carroll County, New Hampshire	$ 46,429
Effingham town, Carroll County, New Hampshire	$ 36,000
Freedom town, Carroll County, New Hampshire	$ 40,187
Hart's Location town, Carroll County, New Hampshire	$ 41,250
Jackson town, Carroll County, New Hampshire	$ 49,583
Madison town, Carroll County, New Hampshire	$ 43,523
Moultonborough town, Carroll County, New Hampshire	$ 45,050
Ossipee town, Carroll County, New Hampshire	$ 34,709
Sandwich town, Carroll County, New Hampshire	$ 47,292
Tamworth town, Carroll County, New Hampshire	$ 35,200
Tuftonboro town, Carroll County, New Hampshire	$ 45,729
Wakefield town, Carroll County, New Hampshire	$ 42,500
Wolfeboro town, Carroll County, New Hampshire	$ 44,012
[redacted] New Hampshire	$ 42,382
Alstead town, Cheshire County, New Hampshire	$ 43,191
Chesterfield town, Cheshire County, New Hampshire	$ 51,351
Dublin town, Cheshire County, New Hampshire	$ 52,150
Fitzwilliam town, Cheshire County, New Hampshire	$ 48,125
Gilsum town, Cheshire County, New Hampshire	$ 43,359
Harrisville town, Cheshire County, New Hampshire	$ 48,625
Hinsdale town, Cheshire County, New Hampshire	$ 36,124
Jaffrey town, Cheshire County, New Hampshire	$ 45,033
Keene city, New Hampshire	$ 37,033
Marlborough town, Cheshire County, New Hampshire	$ 44,904
Marlow town, Cheshire County, New Hampshire	$ 45,000
Nelson town, Cheshire County, New Hampshire	$ 41,250
Richmond town, Cheshire County, New Hampshire	$ 49,141

Rindge town, Cheshire County, New Hampshire	$	50,494
Roxbury town, Cheshire County, New Hampshire	$	49,375
Stoddard town, Cheshire County, New Hampshire	$	37,639
Sullivan town, Cheshire County, New Hampshire	$	51,058
Surry town, Cheshire County, New Hampshire	$	56,964
Swanzey town, Cheshire County, New Hampshire	$	44,819
Troy town, Cheshire County, New Hampshire	$	41,875
Walpole town, Cheshire County, New Hampshire	$	44,673
Westmoreland town, Cheshire County, New Hampshire	$	55,875
Winchester town, Cheshire County, New Hampshire	$	37,364
[redacted], New Hampshire	$	33,593
Berlin city, New Hampshire	$	29,647
Carroll town, Coos County, New Hampshire	$	39,286
Clarksville town, Coos County, New Hampshire	$	40,179
Colebrook town, Coos County, New Hampshire	$	32,244
Columbia town, Coos County, New Hampshire	$	36,964
Dalton town, Coos County, New Hampshire	$	35,625
Dummer town, Coos County, New Hampshire	$	32,750
Errol town, Coos County, New Hampshire	$	35,625
Gorham town, Coos County, New Hampshire	$	32,250
Jefferson town, Coos County, New Hampshire	$	41,089
Lancaster town, Coos County, New Hampshire	$	40,305
Milan town, Coos County, New Hampshire	$	40,966
Northumberland town, Coos County, New Hampshire	$	31,570
Pittsburg town, Coos County, New Hampshire	$	38,516
Randolph town, Coos County, New Hampshire	$	50,139
Shelburne town, Coos County, New Hampshire	$	44,375
Stark town, Coos County, New Hampshire	$	37,946
Stewartstown town, Coos County, New Hampshire	$	30,700
Stratford town, Coos County, New Hampshire	$	28,594
Whitefield town, Coos County, New Hampshire	$	34,583
[redacted], New Hampshire	$	41,962
Alexandria town, Grafton County, New Hampshire	$	42,667
Ashland town, Grafton County, New Hampshire	$	33,345
Bath town, Grafton County, New Hampshire	$	43,088
Benton town, Grafton County, New Hampshire	$	34,167
Bethlehem town, Grafton County, New Hampshire	$	35,547
Bridgewater town, Grafton County, New Hampshire	$	50,662
Bristol town, Grafton County, New Hampshire	$	38,032
Campton town, Grafton County, New Hampshire	$	39,213
Canaan town, Grafton County, New Hampshire	$	43,220
Dorchester town, Grafton County, New Hampshire	$	40,833
Easton town, Grafton County, New Hampshire	$	49,167
Ellsworth town, Grafton County, New Hampshire	$	33,750
Enfield town, Grafton County, New Hampshire	$	47,990
Franconia town, Grafton County, New Hampshire	$	40,114
Grafton town, Grafton County, New Hampshire	$	38,654
Groton town, Grafton County, New Hampshire	$	37,083
Hanover town, Grafton County, New Hampshire	$	72,470

Haverhill town, Grafton County, New Hampshire	$	36,853
Hebron town, Grafton County, New Hampshire	$	47,639
Holderness town, Grafton County, New Hampshire	$	47,895
Landaff town, Grafton County, New Hampshire	$	41,964
Lebanon city, New Hampshire	$	42,185
Lincoln town, Grafton County, New Hampshire	$	28,523
Lisbon town, Grafton County, New Hampshire	$	37,993
Littleton town, Grafton County, New Hampshire	$	35,887
Lyman town, Grafton County, New Hampshire	$	46,607
Lyme town, Grafton County, New Hampshire	$	57,250
Monroe town, Grafton County, New Hampshire	$	42,411
Orange town, Grafton County, New Hampshire	$	41,250
Orford town, Grafton County, New Hampshire	$	46,250
Piermont town, Grafton County, New Hampshire	$	38,611
Plymouth town, Grafton County, New Hampshire	$	35,618
Rumney town, Grafton County, New Hampshire	$	38,125
Sugar Hill town, Grafton County, New Hampshire	$	49,219
Thornton town, Grafton County, New Hampshire	$	38,380
Warren town, Grafton County, New Hampshire	$	34,432
Waterville Valley town, Grafton County, New Hampshire	$	40,417
Wentworth town, Grafton County, New Hampshire	$	44,219
Woodstock town, Grafton County, New Hampshire	$	35,556
[redacted], New Hampshire	$	53,384
Amherst town, Hillsborough County, New Hampshire	$	89,384
Antrim town, Hillsborough County, New Hampshire	$	45,677
Bedford town, Hillsborough County, New Hampshire	$	84,392
Bennington town, Hillsborough County, New Hampshire	$	46,150
Brookline town, Hillsborough County, New Hampshire	$	77,075
Deering town, Hillsborough County, New Hampshire	$	48,750
Francestown town, Hillsborough County, New Hampshire	$	64,259
Goffstown town, Hillsborough County, New Hampshire	$	55,833
Greenfield town, Hillsborough County, New Hampshire	$	48,833
Greenville town, Hillsborough County, New Hampshire	$	39,545
Hancock town, Hillsborough County, New Hampshire	$	55,000
Hillsborough town, Hillsborough County, New Hampshire	$	44,500
Hollis town, Hillsborough County, New Hampshire	$	92,847
Hudson town, Hillsborough County, New Hampshire	$	64,169
Litchfield town, Hillsborough County, New Hampshire	$	73,302
Lyndeborough town, Hillsborough County, New Hampshire	$	59,688
Manchester city, New Hampshire	$	40,774
Mason town, Hillsborough County, New Hampshire	$	60,433
Merrimack town, Hillsborough County, New Hampshire	$	68,817
Milford town, Hillsborough County, New Hampshire	$	52,343
Mont Vernon town, Hillsborough County, New Hampshire	$	71,250
Nashua city, New Hampshire	$	51,969
New Boston town, Hillsborough County, New Hampshire	$	66,020
New Ipswich town, Hillsborough County, New Hampshire	$	53,939
Pelham town, Hillsborough County, New Hampshire	$	68,608
Peterborough town, Hillsborough County, New Hampshire	$	47,381

Sharon town, Hillsborough County, New Hampshire	$	66,250
Temple town, Hillsborough County, New Hampshire	$	56,500
Weare town, Hillsborough County, New Hampshire	$	59,924
Wilton town, Hillsborough County, New Hampshire	$	54,276
Windsor town, Hillsborough County, New Hampshire	$	45,750
Merrimack County, New Hampshire	$	48,522
Allenstown town, Merrimack County, New Hampshire	$	41,958
Andover town, Merrimack County, New Hampshire	$	47,093
Boscawen town, Merrimack County, New Hampshire	$	42,524
Bow town, Merrimack County, New Hampshire	$	79,329
Bradford town, Merrimack County, New Hampshire	$	49,018
Canterbury town, Merrimack County, New Hampshire	$	58,026
Chichester town, Merrimack County, New Hampshire	$	56,741
Concord city, New Hampshire	$	42,447
Danbury town, Merrimack County, New Hampshire	$	38,312
Dunbarton town, Merrimack County, New Hampshire	$	65,081
Epsom town, Merrimack County, New Hampshire	$	50,685
Franklin city, New Hampshire	$	34,613
Henniker town, Merrimack County, New Hampshire	$	50,288
Hill town, Merrimack County, New Hampshire	$	48,333
Hooksett town, Merrimack County, New Hampshire	$	61,491
Hopkinton town, Merrimack County, New Hampshire	$	59,583
Loudon town, Merrimack County, New Hampshire	$	55,185
Newbury town, Merrimack County, New Hampshire	$	58,026
New London town, Merrimack County, New Hampshire	$	61,520
Northfield town, Merrimack County, New Hampshire	$	44,333
Pembroke town, Merrimack County, New Hampshire	$	49,494
Pittsfield town, Merrimack County, New Hampshire	$	38,833
Salisbury town, Merrimack County, New Hampshire	$	55,000
Sutton town, Merrimack County, New Hampshire	$	50,924
Warner town, Merrimack County, New Hampshire	$	44,142
Webster town, Merrimack County, New Hampshire	$	54,052
Wilmot town, Merrimack County, New Hampshire	$	49,605
Rockingham County, New Hampshire	$	58,150
Atkinson town, Rockingham County, New Hampshire	$	69,729
Auburn town, Rockingham County, New Hampshire	$	70,774
Brentwood town, Rockingham County, New Hampshire	$	68,971
Candia town, Rockingham County, New Hampshire	$	61,389
Chester town, Rockingham County, New Hampshire	$	68,571
Danville town, Rockingham County, New Hampshire	$	57,287
Deerfield town, Rockingham County, New Hampshire	$	61,367
Derry town, Rockingham County, New Hampshire	$	54,634
East Kingston town, Rockingham County, New Hampshire	$	65,197
Epping town, Rockingham County, New Hampshire	$	50,739
Exeter town, Rockingham County, New Hampshire	$	49,618
Fremont town, Rockingham County, New Hampshire	$	62,171
Greenland town, Rockingham County, New Hampshire	$	62,172
Hampstead town, Rockingham County, New Hampshire	$	68,533
Hampton town, Rockingham County, New Hampshire	$	54,419

Hampton Falls town, Rockingham County, New Hampshire	$	76,348
Kensington town, Rockingham County, New Hampshire	$	67,344
Kingston town, Rockingham County, New Hampshire	$	61,522
Londonderry town, Rockingham County, New Hampshire	$	70,501
New Castle town, Rockingham County, New Hampshire	$	83,708
Newfields town, Rockingham County, New Hampshire	$	71,375
Newington town, Rockingham County, New Hampshire	$	59,464
Newmarket town, Rockingham County, New Hampshire	$	46,058
Newton town, Rockingham County, New Hampshire	$	60,972
North Hampton town, Rockingham County, New Hampshire	$	66,696
Northwood town, Rockingham County, New Hampshire	$	50,675
Nottingham town, Rockingham County, New Hampshire	$	62,423
Plaistow town, Rockingham County, New Hampshire	$	61,707
Portsmouth city, New Hampshire	$	45,195
Raymond town, Rockingham County, New Hampshire	$	48,829
Rye town, Rockingham County, New Hampshire	$	63,152
Salem town, Rockingham County, New Hampshire	$	58,090
Sandown town, Rockingham County, New Hampshire	$	67,581
Seabrook town, Rockingham County, New Hampshire	$	42,874
South Hampton town, Rockingham County, New Hampshire	$	63,750
Stratham town, Rockingham County, New Hampshire	$	76,726
Windham town, Rockingham County, New Hampshire	$	94,794
[redacted] New Hampshire	$	44,803
Barrington town, Strafford County, New Hampshire	$	50,630
Dover city, New Hampshire	$	43,873
Durham town, Strafford County, New Hampshire	$	51,697
Farmington town, Strafford County, New Hampshire	$	40,971
Lee town, Strafford County, New Hampshire	$	57,993
Madbury town, Strafford County, New Hampshire	$	57,981
Middleton town, Strafford County, New Hampshire	$	43,942
Milton town, Strafford County, New Hampshire	$	44,194
New Durham town, Strafford County, New Hampshire	$	52,270
Rochester city, New Hampshire	$	40,596
Rollinsford town, Strafford County, New Hampshire	$	48,588
Somersworth city, New Hampshire	$	42,739
Strafford town, Strafford County, New Hampshire	$	59,044
[redacted], New Hampshire	$	40,938
Acworth town, Sullivan County, New Hampshire	$	37,386
Charlestown town, Sullivan County, New Hampshire	$	38,024
Claremont city, New Hampshire	$	34,949
Cornish town, Sullivan County, New Hampshire	$	53,393
Croydon town, Sullivan County, New Hampshire	$	49,688
Goshen town, Sullivan County, New Hampshire	$	42,625
Grantham town, Sullivan County, New Hampshire	$	63,239
Langdon town, Sullivan County, New Hampshire	$	42,083
Lempster town, Sullivan County, New Hampshire	$	40,458
Newport town, Sullivan County, New Hampshire	$	37,442
Plainfield town, Sullivan County, New Hampshire	$	57,083
Springfield town, Sullivan County, New Hampshire	$	44,659

APPENDIX E

EXAMPLE

SARAH PILLSBURY
ADMINISTRATOR
WATER SUPPLY ENGINEERING BUREAU
NHDES
P.O. BOX 95
CONCORD NH 03302

SUBJECT: DRINKING WATER STATE REVOLVING FUND
WATER SYSTEM NAME
NAME OF PROJECT

Dear Ms. Pillsbury:

Please be advised that in accordance with the town of Blank resolution passed on (date) the water system has sufficient funding and financial capacity to support both the project loan repayment and continued operation and maintenance of the water system.

Sincerely,

Authorized Representative

This copy rec'd from HAWC at 10/6/08 mtg

HAMPSTEAD AREA
WATER COMPANY, INC

54 SAWYER AVENUE, ATKINSON, NH 03811
TEL: 603.362.4299 FAX: 603.362.4936
www.hampsteadwater.com

July 2, 2007

NH Department of Environmental Services
Drinking Water & Ground Water Bureau
6 Hazen Drive
PO Box 95
Concord, NH 03302-0095

Attn: Mr. Rick Skarinka, P.E.

Re: 2007 DWSRF Application

Dear Rick:

Enclosed, please find two copies of a completed DWSRF application and accompanying attachments in support of Hampstead Area Water Company's Application for the 2007 F.Y. Drinking Water State Revolving Loan Funds.

If you have any questions or comments feel free to contact me at 603.362.4299 or by email at charlie@hampsteadwater.com.

Thank you very much,

Regards,
Hampstead Area Water Company

Charles P. Lanza
Waterworks Planning Associate

DRINKING WATER STATE REVOLVING FUND LOAN APPLICATION PACKAGE CHECKLIST

1. a. Application for the DWSRF ✓

   b. Planning Document
      1) Description of the planning area ✓
      2) Projections of service population and projected water demands ✓
      3) Written narrative of the existing water supply needs ✓
      4) Cost-effective analysis of the alternatives ✓
      5) Project cost estimates ✓
      6) Statement as to legal, institutional, managerial, and financial capacity ✓
      7) Statements which address environmental socio-economic impacts ✓
      8) Description of SWP program (If SWP project) N/A

2. Disadvantaged Water System Worksheet N/A

3. Certifying Authorization to File ✓

4. Authority to File Application ✓

5. Intergovernmental Review Process ✓
   a. Executive Summary ✓
   b. USGS Map ✓

6. a. Cash Flow Projection and Source of Repayment Funds
      1) Cash Flow Projection ✓
      2) Source of Loan Repayment Funds ✓
      3) Projected User Rate ✓
      4) Statement Identify All Funding Sources ✓
      5) Identification of Financial Institution ✓
      6) Statement of Outstanding Debt ✓
   b. Financial Data (Privately-owned Water Systems) ✓

7. Letter stating that the water system has sufficient funding and financial capability to support both the project and operation and maintenance of the water system. ✓

8. Self-Assessment Form for Capacity Development ✓

9. Copy of latest annual financial report ✓

NOTE: One copy of each document required

New Hampshire
Department of
Environmental
Services
6 Hazen Drive Concord NH 03301

NEW HAMPSHIRE
DRINKING WATER STATE REVOLVING LOAN FUND APPLICATION

For

HAMPSTEAD AREA
WATER COMPANY, INC

54 SAWYER AVENUE, ATKINSON, NH 03811
TEL: 603.362.4299 FAX: 603.362.4936
www.hampsteadwater.com

JUNE, 2007

DWSRF Planning Document for Hampstead Area Water Company

Information Sources

Information contained in this Planning Document was mainly provided by HAWC staff. However, sources also included results of recent sanitary surveys, and periodic discussions with Mr. Robert Mann of NHDES.

Water System Description and Water Supply Needs Narrative

Service Area and Sources

The Hampstead "core" system currently serves 1185± service connections. But, as part of this proposed project, the adjacent "core" Atkinson system and Brickett's Mill system would be combined with the current "core" Hampstead system, via a new connecting pipeline. The total number of "core system" service connections will thereby increase to 2245±.

If this project concept is implemented, the expanded "core" Hampstead Area Water system will include the following existing system components.

- 32-active bedrock wells, with a combined Approved capacity of 933 GPM, or 1.34 MGD. (All wells have submersible pumps. Some of the well pumps are equipped with Variable Speed drives.).
- 24-Well Pumping, booster and/or Treatment Stations.
- Pressure Greensand Filtration in fourteen of the Pumping/Treatment Stations.
- 20-Buried, welded steel Atmospheric Bulk Storage Tanks, associated with the Pumping/Treatment Stations, 1-above ground 400,000 gal storage tank, and 1-above ground 500,000 gal storage tank, having a combined volume of 1,247,000 Gallons.
- 21-Hydropneumatic storage tanks, with a combined storage volume of 64,691 Gallons.
- The distribution system is composed primarily of PVC piping, ranging in size from 3", to 8" diameter. Blowoffs and hydrants are strategically located throughout the systems, to facilitate flushing.
- All services are metered.

Service Population and Demand Projections

With the proposed project, the Hampstead "core" system, including the proposed Atkinson system and Brickett's Mill interconnection, will have 2245± water service connections, providing water to an estimated 5613± people. Under prevailing normal demand conditions, shortages have not occurred in either system. However, during recent past summers, water conservation has been encouraged, and water use restrictions have been imposed, to insure continued system integrity and reliability.

Over the years, growth of HAWC's core Hampstead distribution system has occurred primarily in response to continuing residential development, and the absence of an organized local "municipal" water system. The source supply for the core Hampstead system has grown to accommodate the addition of a block of new

customers, such as new residential developments. Some local developers have come to rely on the HAWC to provide appropriate water supply and distribution facilities.

But not all new developments become part of the HAWC system, because some developers would rather provide individual private water supplies. Under these circumstances, estimates of future and water demands for the HAWC are difficult and impractical.

Currently Hampstead Area Water Company is consulting with hydro-geologists, Emery & Garrett to help better understand the Atkinson system as a whole, introduce new sources under a large groundwater withdrawal application. Upon completion of analysis of the Atkinson core system we will move forward with the same process for the wells in Hampstead. These new sources will aid in future demand and greater system reliability throughout the proposed Atkinson, Brickett's Mill, and Hampstead Interconnection.

Existing Source Capacity

The combined Approved Withdrawal Capacity for the proposed *expanded* "core" Hampstead system (including Atkinson), is 919 GPM, or 1.32 MGD. Source capacity is adequate to supply the current customer base, under normal demand conditions.

However, conservation must also be a consideration in defining source capacity. For the past several years, *peak summer demands* have exerted stress on some of HAWC's wells, as has been the case with most water utilities. HAWC has conscientiously encouraged water conservation, and imposed water bans when necessary. In 2002, HAWC was one of only two NH water utilities that went before the PUC to obtain authority to impose penalties on customers who failed to adhere to imposed water bans. HAWC has also implemented an even / odd water restriction on lawn watering in 2006.

Standby Power

None of the existing Well Pumping / Treatment Stations currently has auxiliary standby power capabilities. But the large number of individual "core Hampstead system" well sources (32, Including Atkinson and Brickett's Mill), and their geographical range, help promote overall system redundancy and reliability. The strategy is, that each new well added to the system has some amount of "excess" capacity (based on Source Capacity design criteria), so that if one well is temporarily out of service, the remaining wells will make up for the temporary loss.

In 2006, HAWC submitted its proposed EMERGENCY PLAN, in accordance with EPA and NHDES requirements. That Emergency Plan details the organization, facilities and procedures by which HAWC will continue to insure the success and viability of the water systems under its responsibility, and provision of safe drinking water to its customers.

Water Line Sizing and Integrity

Elements of the "core" Hampstead distribution system began in 1985, principally to provide *domestic* service. The current system consists of 3-inch to 8-inch PVC mains, which connect the source wells to the service areas.

All services, in both systems, are metered. (System leakage currently appears to be negligible). Blow offs and/or hydrants are strategically located throughout the systems, to facilitate routine, periodic flushing.

Corrosion Control

No provisions are in place for corrosion control treatment, although it is under consideration.

Water Rates:

Water bills are issued quarterly. The current rate for all HAWC systems is:

HAWC System Wide Rate:

Base Charge - $100.00 per year

Consumption Charge - $3.71 per 100 cubic feet

Cost Analysis of Alternatives

We have not been able to determine any practical alternatives to the proposed project "concept".

Proposed Project Description

The HAWC "core" system is currently made up of several smaller, previously independent systems. Most are linked together by connecting water mains. Each of the individual systems includes one or more bedrock wells, with a submersible pump. Each system usually has one or more associated bulk storage tanks, and one or more booster pumps and hydropneumatic tanks, to provide pressure and flow to the distribution system. During summer peak periods, daytime demands often put certain wells under particularly heavy stress. The existing Hampstead storage tank will help the effects of peak demands over the whole "core" Hampstead system, and significantly increase overall system reliability.

It is proposed to interconnect the Atkinson System with the Hampstead system, so that both systems can benefit from the existing tanks. The storage tanks will also enhance flushing capabilities for nearby central areas of the distribution system.

Project Cost Estimate

1. Estimated Construction Cost (*Water Mains & Appurtenances to interconnect Atkinson, Hampstead and Brickett's Mill Systems*)	$ 724,000
2. 10% Construction Contingency	$ 72,400
3. Estimated Engineering & Legal Costs	$ 112,500
4. Other (Estimated Engineering & Legal *Contingencies*)	$ 11,600
Total Estimated Project Cost (*Exclusive of Financing Charges*)	**$ 920,500**

Expected Project Impact on Air Quality:
Due to the nature of work to be undertaken, for the proposed Interconnection, there will be no significant impact on air quality.

Expected Project Impact due to Noise:
Due to the nature of work to be undertaken, for the proposed Interconnection, noise impact will be negligible, and would only be a consideration during the actual construction period.

Expected Project Impact on Surface Water and Ground Water
No shallow ground water or surface water bodies have been observed in project area.

Expected Project Impact on Coastal Zone and Wild & Scenic Rivers
This project is not located near the coast, or any wild and scenic rivers.

Expected Project Impact on Wetland and Floodplains
This project will take place primarily in state Right of Ways, and will not impact wetlands of floodplains. The construction sites will be adequately protected to prevent uncontrolled storm runoff during construction.

Expected Project Impact on Agriculture & Endangered Species
No impacts are expected on wildlife, agriculture, or endangered species.

Expected Project Impact on Recreation and Historic Places
Due to the location of the sites, no impacts are expected on recreation or historic places.

Expected Indirect Project Impacts
No potential indirect project impacts are known to exist, or are expected.

Mitigation Measures for Controlling Runoff, Noise, Odors, etc. Created by the Project.
Appropriate measures will be taken to prevent uncontrolled runoff from the construction sites. Additionally no problems are expected from noise or odors on this project.

Potable Water Supply Wells - Hampstead Area Water Company — **As of 02/08/07**

Bedrock Well Name	EPA I.D. #	Area Served	Date Installed/ Re-Drilled	Drilled Depth (Ft.)	Pump Depth (Ft.)	Installed Capacity (GPM)	Approved Pumping Rate (GPM)	EST	Motor HP	Phase & Amps	VFD Y/N	Location (Street Access)
Bryant Woods #1	0112080-**01**	Atkinson	Jul. 93'	500	300	40	39.5		7.5	3/22	**N**	Bryant Woods Road
Bryant Woods #3	0112080-**03**	Atkinson	Nov. 87'	500	400	15	22		2	3/6.8	**N**	Bryant Woods Road
Bryant Woods #4	0112080-**04**	Atkinson	Feb. 89'	550	360	30	22		5	3/16	**N**	Bryant Woods Road
*Bryant Woods #5 (**Inactive**)*	*0112080-05*	*Atkinson*		*500*		*(8) NA*	*Not approved*		2			Bryant Woods Road
Village Drive #1 **	0112080-**06**	Atkinson	Aug 1995+/-	340	300	40	39.5		7.5	3/22	**Y**	West Side Drive & Old Village Road
Village Drive #2 **	0112080-**07**	Atkinson	Aug 1995+/-	455	400	40	39.5		7.5	3/22	**Y**	West Side Drive & Old Village Road
Summer Well **(Inactive)**	0112080-**08**	Atkinson	03/17/02	450	420	18	14		3	1/17	**N**	Providence Hill Rd & Geary Lane
Midpoint **	0112080-**09**	Atkinson	01/28/99	800	600	40	39.5		7.5	3/22	**Y**	Walker Road & Eldon Way
Settlers Ridge (Village Drive)	0112080-**10**	Atkinson	Aug 1995+/-	560	320	60	39.5		7.5	3/22	**Y**	Settlers Ridge Road
Midpoint Island #1 **	0112080-**11**	Atkinson	02/10/99	420	300	*39.5*	39.5		7.5	3/22	**Y**	Walker Road & Eldon Way
Midpoint Island #2 **	0112080-**12**	Atkinson	02/10/99	445	300	*39.5*	39.5		7.5	3/22	**Y**	Walker Road & Eldon Way
Cogswell Farm #1	0112080-**13**	Atkinson	12/13/01	*600*	*400*	39.3	19.8		7.5	3/22	**Y**	Main Street or Meditation Lane
Cogswell Farm #2	0112080-**14**	Atkinson	12/31/01	*600*	*400*	39.3	19.8		7.5	3/22	**Y**	Main Street or Meditation Lane
*Jesse Page #1 (**Inactive**)*	*0112080-15*	*Atkinson*		*560*	*300*	*(80) NA*	*(39.5) NA*		7.5			121A > Pope Rd. > Jesse Page
Jesse Page #2	0112080-**16**	Atkinson	Nov 2000+/-	420	300	83.5	39.5		7.5	3/22	**Y**	121A > Pope Rd. > Jesse Page
Jameson Ridge	New System	Atkinson	09/22/04	660	300	*35*	*25*		3	3/10	**Y**	121A > Jameson Ridge
Dearborn Ridge ^^	0112090-**01**	Atkinson	Sep 1995+/-	300	280	*12*	*12*		2	1/12	**N**	Dearborn Ridge Road
14 active wells (6 inactive)		Atkinson				577.1	446.5					
17 active wells - CORE system		Atkinson				566.1	424.6					
Village Green #3 (PS#1)	1031010-**01**	Hampstead	1992	228	190	80	90		10	3/32	**Y**	Rt. 111 & Village Green Road
Village Green #1 (PS#1)	1031010-**02**	Hampstead	1992	40	30	25	30		5	3/17	**Y**	Rt. 111 & Village Green Road
Village Green #2 ***(Inactive)*** ^^	*1031010-03*	*Hampstead*	1992	299		**90**	**NA**		7.5			Rt. 111 & Village Green Road
Tanglewood BRW#4 (PS#2)	1031010-**04**	Hampstead		295	260	18	25		3	1/17	**N**	Rt. 111 to Tanglewood Drive
Woodland Pond #5 (PS#4)	1031010-**05**	Hampstead	1988	225	180	50	25		5	1/25	**N**	Pilgrim Circle - E. Hampstead
Woodland Pond #6 (PS#5)	1031010-**06**	Hampstead	1988	300	260	50	22		2	1/12	**N**	Pilgrim Circle - E. Hampstead
Pit/Hatch Woodland Pond #7 (PS#3)	1031010-**07**	Hampstead	06/16/05	300	260	34	17		5	1/28	**Y**	Pilgrim Circle - E. Hampstead
Cranberry Meadows	1031010-**08**	Hampstead	06/20/05	360	300	40	39.5	*	7.5	3/22	**Y**	Main Street to Norfolk Street
Bartlett Brook #1 **	1031010-**10**	Hampstead	1998'	900	400	*30*	30		5	3/16	**Y**	Rt 111 > Hunt Rd. > Bartlett Brook
Bartlett Brook #2 **	1031010-**11**	Hampstead	1998'	800	400	*24.5*	24.5		5	3/16	**Y**	Rt 111 > Hunt Rd. > Bartlett Brook
Bartlett Brook #3 **	1031010-**12**	Hampstead	1998'	800	400	*14.5*	14.5		5	3/16	**Y**	Rt 111 > Hunt Rd. > Bartlett Brook
Putnam Place	1031010-**13**	Hampstead	10/31/02	660	588	32	32		7.5	3/22	**Y**	Rt. 121>Emerson Ave.>Little's Lane
East Wood Place	1031010-**14**	Hampstead	04/29/03	360	*300*	39.9	39.9		7.5	3/22	**Y**	off Brown Hill Road
Angle Pond Woods #1	1031010-**15**	Hampstead	02/03/03	1000	320	**30**	**30**		7.5	3/22	**Y**	Rt. 121A > Pillsbury Rd. > Odd Fellows Rd.
Angle Pond Woods #2	1031010-**16**	Hampstead	02/10/03	340	320	**39.9**	**39.9**		7.5	3/22	**Y**	Rt. 121A > Pillsbury Rd. > Odd Fellows Rd.
Granite Village Phase V	1031010-**17**	Hampstead	10/30/03	600	140	35	35		3	3/10	**Y**	Off the end of Freedom Hill Road
Brickett's Mill #1 ^^	**1032040-01**	Hampstead	1985		300	***22***	**22**	*	3	1/17	**N**	Rt.121 (Stage Rd.) to Brickett's Mill Rd.
Brickett's Mill #2 ^^	**1032040-02**	Hampstead	1985		300	***22***	**22**	*	3	1/17	**N**	Rt.121 (Stage Rd.) to Brickett's Mill Rd.
Kent Farm #1	1032050-01	Hampstead	1987	200	295	**60**	**8**		5	1/25	**N**	Rt. 121>Kent Farm Rd.>Wheelright>Page Ln
Kent Farm #2	1032050-03	Hampstead	1987	500	295	**60**	**60**		5	1/25	**N**	Rt. 121>Kent Farm Rd.>Wheelright>Page Ln
18 active wells (6 inactive well)		Hampstead				606.1	600					
17 active wells (6 inactive) - CORE System		Hampstead				566.1	424.6					

** = Wells believed to be hydraulically connected.

^^ = Not part of Core Atkinson or Hampstead Systems.

@@ = PUC ApprovalPending\\LEWIS1\data1\Engineering\Water Files\Well Siting & other Projects\Water Data\Well and Pump Station Lists.xls

Potable Water Supply Wells - Hampstead Area Water Company — As of 11/04/05

Well Name	EPA I.D. #	Area Served	Date Installed/ Re-Drilled	Drilled Depth (Ft.)	Pump Depth (Ft.)	Installed Capacity (GPM)	Approved Pumping Rate (GPM)	EST	Motor HP	Phase & Amps	VFD Y/N	Location (Street Access)
Oakhill #1	0432020-**01**	Chester	2000	913	700	19	16.2		1.5	1/9.2	**N**	Rt. 121 to Red Squirrel Lane
Oakhill #2	0432020-**02**	Chester	2000	730	460	40	39.5		5	1/27	**N**	Rt. 121 to Red Squirrel Lane
Hoyt Pond Estates	*NewSystem*	*Chester*		*160*		*30*	*30*					*Home Road*
3 wells		Chester				70	69.5					
Colby Pond #1	0582010-**01**	Danville	1997	400	300	50	35		5	3/17	**Y**	Hershey Rd.> GH Carter Dr.> Boulder Dr.
Colby Pond #2	0582010-**02**	Danville	1997	720	300+/-	50	35		5	3/17	**Y**	Hershey Rd.> GH Carter Dr.> Boulder Dr.
2 wells		Danville				100	70					
Lamplighter Estates	1272030-**01**	Kingston	08/17/99	685	300	15	10.4		1.5	1/11.5	**N**	Route 107 > Scotland Road
Lamplighter Estates	1272030-**02**	Kingston	08/18/99	685	300	15	10.4		1.5	1/11.5	**N**	Route 107 > Scotland Road
Maplevale & Cricket Hill (Well #1)	0702030-**01**	E.Kingston	12/07/01	420	399	32	40		7.5	3/22	**Y**	Rt. 107 > Maplevale Road
Maplevale & Cricket Hill (Well #2)	0702030-**02**	E.Kingston	12/08/01	640	399	17	20		3	3/10	**Y**	Rt. 107 > Maplevale Road
4 wells		Kingston				64	70.4					
Camelot Court	1802020	Nottingham	1989	400	200	*20*	20		**1**	1/16	**N**	Rt.125 > Rt. 4 > Rt 155 > Camelot Ct.
1 well		Nottingham				20	20					
Rainbow Ridge #1 **	1932170-**01**	Plaistow		500	300	75	39.5	*	5	1/28	**N**	Rt. 121A (E. Main St) to Dear Hollow Road
Rainbow Ridge #2 **	1932170-**02**	Plaistow		500	300	75	39.5	*	5	1/28	**N**	Rt. 121A (E. Main St) to Dear Hollow Road
2 wells		Plaistow				150	79					
Lancaster Farm #1	2052030-**01**	Salem	1984			*50*	40	*	5	3/16	**N**	Rt.38>Brady St.>StanleyBrookRd.>
Lancaster Farm #2	2052030-**02**	Salem	1984			*50*	22	*	5	3/16	**N**	Lancaster Farm Road
2 wells		Salem				100	62					
Stoneford #1	2082050-**01**	Sandown	1996	305		120	30		2	1/24	**N**	Rt.121A > Stoneford Rd > Settlement Rd
Stoneford #2	2082050-**02**	Sandown	1996	505		22.4	22.4		2	1/24	**N**	Rt.121A > Stoneford Rd > Settlement Rd
Cornerstone Estates #1	2082060-**01**	Sandown	Jan 2000	785	260	20	25		1.5	3/5.2	**Y**	Rt.121a > North Rd > Cornerstone
Cornerstone Estates #2	2082060-**02**	Sandown	Jan 2000	825	260	15	15		1	3/3.6	**Y**	Rt.121a > North Rd > Cornerstone
Mill Woods #1	2082080-**01**	Sandown	06/24/04	340	270	50	17		5	3/10	**Y**	Rt.121 > Kent Farm Rd > Little Mill Rd
Mill Woods #2	2082080-**02**	Sandown	06/25/04	240	190	50	17		5	3/10	**Y**	Rt.121 > Kent Farm Rd > Little Mill Rd
Waterford Village Estates #1	2082090-**01**	Sandown	02/26/04	306	300	40	40		7.5	3/22	**Y**	Rt.121a > North Rd > Waterford Village
Waterford Village Estates #2	2082090-**02**	Sandown	02/20/04	1000	360	10.5	10.5		2	3/7	**Y**	Rt.121a > North Rd > Waterford Village
Autumn Hills #1	2082100-**01**	Sandown	03/13/05	520	399	32	8.33		5	3/17	**Y**	Rt.121a > Odell Rd > Autumn Hills
Autumn Hills #2	2082100-**02**	Sandown	02/12/05	420	300	8.5	8.33		1	1/8	**Y**	Rt.121a > Odell Rd > Autumn Hills
10 wells		Sandown				366.2	226.33					
Total = 46 Active Wells (+ 2 Pending Approval & Effective)						**1988.3**	**1509.96**					**HAWC**

** = Wells believed to be hydraulically connected.

^^ = Not part of Core Atkinson or Hampstead Systems.

@@ = PUC ApprovalPending

HAMPSTEAD AREA
WATER COMPANY, INC

54 SAWYER AVENUE, ATKINSON, NH 03811
TEL: 603.362.4299 FAX: 603.362.4936
www.hampsteadwater.com

June 21, 2007

Sarah Pillsbury, Administrator
Water Supply Engineering Bureau
NHDES
P.O. Box 95
Concord, NH 03302

RE: DRINKING WATER STATE REVOLVING FUND
HAMPSTEAD AREA WATER COMPANY, INC.
ATKINSON/HAMPSTEAD SYSTEMS INTERCONNECTION

Dear Ms. Pillsbury:

Please be advised that Hampstead Area Water Company, Inc. has sufficient funding and financial capacity to support both the project loan repayment and continued operation and maintenance of the water system.

Sincerely,

Peter A. Lewis
President

PAL/eet
Enclosure

CERTIFYING AUTHORIZATION TO FILE

I, the unsigned, the duly qualified and acting Assistant Secretary of the Hampstead Area Water Company, Inc., herein call the "Applicant" and keeper of the records of the Applicant, including the journal of the proceedings of the Board of Directions, herein called the "Governing Body", do hereby certify:

1. That the attached resolution is a true and correct copy of the resolution as finally adopted by the Governing Body on the 21st of June, 2007 and duly recorded in my office;

2. That said action was duly executed and done in all respects in accordance with law and to the extent required by law, due and proper notice of such action was given; and a legal quorum was present throughout; and a legally sufficient number of members of the Governing Body voted in the proper manner and for the adoption of said resolution;

3. That all other requirements and proceedings under the law incident to the proper adoption or passage of said resolution including publication, if required, have been duly fulfilled, carried out, and otherwise observed;

4. That I am authorized to execute this certificate;

5. That if an impression of the seal has been affixed below, it constitutes the official seal of the Applicant and this Certificate is hereby executed under such official sea; but if no seal has been affixed the Applicant does not have an official seal;

IN WITNESS WHEREOF, I have hereunto set my hand this 21st day of June, 2007.

Robert C. Levine, Esq.
Assistant Secretary

FORM FOUR

AUTHORITY TO FILE APPLICATION

WHEREAS, Hampstead Area Water Company, Inc. (The "Applicant")

after thorough consideration of the nature of its water system needs, hereby determines that the undertaking of certain works, generally described as:

Atkinson/Hampstead Water Systems Interconnection

(the "Project")

is desirable and in the public interest, and to that end it is necessary to apply for assistance from the State Revolving Fund (DWSRF); and

WHEREAS, the Applicant has examined and duly considered the provisions of RSA 486:14 and the New Hampshire Code of Administrative Rules Chapter Env-Dw 1100, which relate to loans from the Drinking Water State Revolving Fund and deems it to be in the public interest to file a loan application and to authorize other actions in connection therewith;

NOW, THEREFORE, BE IT RESOLVED BY the Board of Directors

,

the governing body of said Applicant, as follows:

1. That Charles Lanza is hereby authorized on behalf of the Applicant to file an application for a loan to be made in accordance with New Hampshire Code of Administrative Rules Chapter Env-Dw 1100;

2. That if such loan be made, the Applicant agrees to repay the loan as stipulated in the loan agreement;

3. That the said Charles Lanza is hereby authorized to furnish such information and to take such other action as may be necessary to enable the Applicant to qualify for the loan;

4. That the said Charles Lanza is hereby designated as the authorized representative of the Applicant for the purpose of furnishing such information, data, and documents pertaining to the applicant for a loan as may be required; and otherwise to act as the authorized representative of the Applicant in connection with this application.

Peter A. Lewis, President
Hampstead Area Water Company, Inc.

TO: Peter A. Lewis
Hampstead Area Water Company, Inc.
54 Sawyer Avenue
Atkinson, NH 03811

CONSENT IN LIEU OF MEETING OF THE BOARD OF DIRECTORS

WHEREAS, New Hampshire RSA 293-A:8.21 and the Corporation's Bylaws provide for the taking, by written consent, of any action which may otherwise be taken by VOTE of the Directors' of the Corporation; and

WHEREAS, the Directors of the Corporation deem the actions as set forth in the following Votes to require prompt action; and

WHEREAS, it is not convenient to call a Directors' Meeting;

NOW, THEREFORE, in lieu of a Directors' Meeting each member of the Board of Directors, by execution of this Consent, hereby consents to the taking of the following action:

VOTE: That the President of the Corporation is the authorized representative for purposes of filing an application for the Drinking Water State Revolving Fund program; that the President of the Corporation is to furnish all information, data, and documents pertaining to the application; and that the President of the Corporation is to execute and deliver all documents necessary that are required :to complete and file that application.

Date: 6/21, 2007

Peter A. Lewis, Director

ATTEST:

Robert C. Levine, Assistant Secretary

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HAMPSTEAD AREA
WATER COMPANY, INC

54 SAWYER AVENUE, ATKINSON, NH 03811
TEL: 603.362.4299 FAX: 603.362.4936
www.hampsteadwater.com

July 2, 2007

NH Department of Environmental Services
Drinking Water & Ground Water Bureau
6 Hazen Drive
PO Box 95
Concord, NH 03302-0095

Attn: Mr. Rick Skarinka, P.E.

Re: 2007 DWSRF Application

Dear Rick:

Enclosed, please find sixteen (16) copies of an Executive Summary and accompanying Site Location Map in support of Hampstead Area Water Company's Application for F.Y.2007 Drinking Water State Revolving Loan Funds.

We hope that this information is sufficient for the processing of our funding request, and we look forward to hearing from you.

If you have any questions or comments feel free to contact me at 603.362.4299 or by email at charlie@hampsteadwater.com.

Thank you very much,

Warmest regards,
Hampstead Area Water Company

Charles Lanza; Planning Associate

Intergovernmental Review Process (IRP) Documents

This document contains:

Attachment a - Executive summary outlining the general nature of the project
Attachment b - 11"x17" map indicating the location of the project

HAMPSTEAD AREA
WATER COMPANY, INC

54 SAWYER AVENUE, ATKINSON, NH 03811
TEL: 603.362.4299 FAX: 603.362.4936
www.hampsteadwater.com

Attachment a

EXECUTIVE SUMMARY
HAMPSTEAD AREA WATER COMPANY (HAWC)
PROPOSED ATKINSON – HAMPSTEAD INTERCONNECTION
DWSRF LOAN PROGRAM -- NHDES
June 2007

The Hampstead Area Water Company (HAWC) is submitting an application for a loan of up to $ 920,500 under the Drinking Water State Revolving Loan Fund. The purpose of the proposed loan is to allow construction of 15,840 feet of 8" water main between the Hampstead core system and the Atkinson core system. HAWC is a privately owned water company serving approximately 2,900 customers, throughout ten different communities in southern New Hampshire.

The history of HAWC is that it is an incorporation of smaller water companies and systems consolidated, over time. In the Town of Atkinson, in the early 1970s, the Walnut Ridge Estates Water Company was started. That water company began in response to the needs of a growing community that lacked a municipal water system and water supply. During it's early years, the Walnut Ridge Estates Water Company consisted of three bedrock wells (with submersible well pumps), a small pumping & treatment station with two booster pumps, two greensand pressure filters, chemical feed systems, two hydropneumatic storage tanks, plastic piping and appurtenances to deliver water to approximately 250 homes in Atkinson. Those early facilities have since been replaced with newer ones.

Over the years, the Walnut Ridge Estates Water Company expanded into other areas of Atkinson, as development and growth continued to occur. Typically, a new water system would be created for a specific new or expanding development. New wells were drilled, and new pumping & treatment stations were built to accommodate the new developments. New distribution system piping was also installed to deliver water from the new sources, to the new customers. As proximity allowed, and/or as existing facilities required replacement, upgrading, or enlargement, some of the small independent systems were hydraulically connected by new water mains, for the mutual benefit of the various systems.

As the core Atkinson & Hampstead water systems grew, opportunities beyond the limits of Atkinson & Hampstead also arose resulting in small, independent water systems being built to support development in several nearby towns. Numbers of new residents in those communities got the chance to connect to a managed and accountable water system, rather than "go it alone" with individual private wells. From a succession of developments in those other communities came the Hampstead Area Water Company

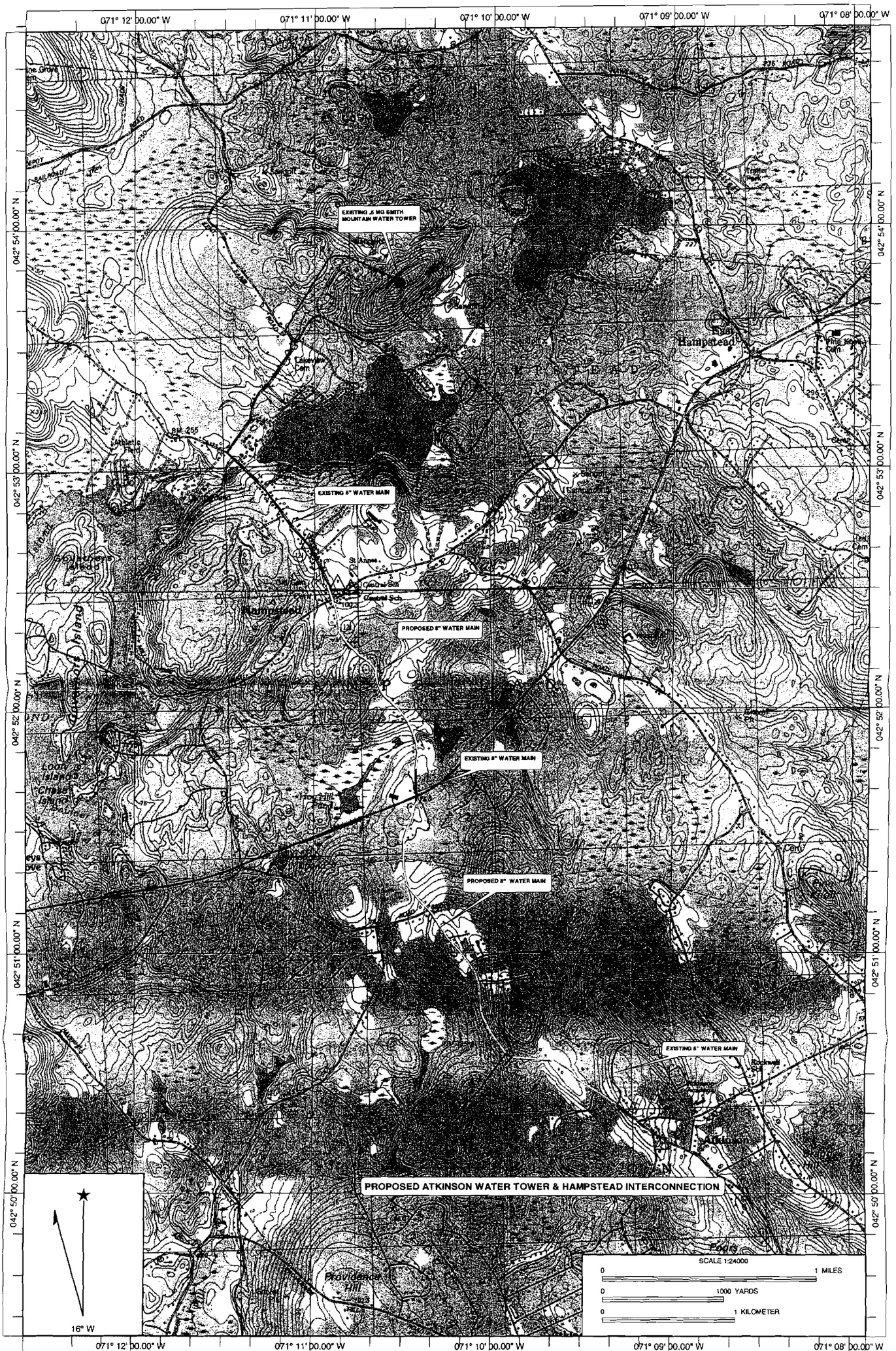
in Hampstead (HAWC). Today, the water company continues to be successfully operated, with Mr. Peter Lewis as owner and president of the company.

In the last 30+ years, the combined HAWC and related water companies and water systems have grown to include more than 52 bedrock supply wells, distributed over ten different communities in southern New Hampshire. The collective water systems currently include 32 separate pumping & treatment stations. Until recently, many of the separate systems also had separate names; which had become an administrative dilemma. In 2002, the necessary legal steps were taken to consolidate the separate water systems into the Hampstead Area Water Company (HAWC).

Consequently, in 2002, a petition was also filed with the NH PUC, to consolidate the water rates across the HAWC and related companies. The rate case was approved and now there is a base rate for all of the HAWC systems.

In a continuing effort to reinforce and support the HAWC Atkinson and Hampstead core systems, it is hoped that water main can be constructed to interconnect the Hampstead and Atkinson systems. The Interconnection between the Atkinson Core system and the Hampstead core system will result in significantly improved flushing capabilities, emergency water storage, and more stability throughout the system as a whole. Preliminary steps have been taken to determine that a "system" interconnection will be able to service the existing hydraulic grade line(s) of the various component systems.

This project will improve overall system reliability, and therefore augment compliance with the Safe Drinking Water Act. It will also permit better control of the combined distribution system, and promote more uniform delivery during peak demand periods.



HAMPSTEAD AREA
WATER COMPANY, INC

54 SAWYER AVENUE, ATKINSON, NH 03811
TEL: 603.362.4299 FAX: 603.362.4936
www.hampsteadwater.com

July 2, 2007

Mr. Rick Skarinka, P.E.
NH Department of Environmental Services
Water Supply Engineering Bureau
6 Hazen Drive
PO Box 95
Concord, NH 03302-0095

Re: Drinking Water State Revolving Loan Fund Application for HAWC

Dear Mr. Skarinka:

HAWC is pleased to submit the attached Drinking Water State Revolving Loan Fund Application, and supporting documents, for the FY 2007 funding round for upgrading and improving our drinking water system. In addition, we offer the following information:

Cash Flow Projection

The proposed project cost, exclusive of financing costs, is estimated to be **$920,500**. It is expected that construction will take up to 3 months to complete. Assuming that construction can begin in April 15, 2008, the monthly cash flow is estimated as follows:

April 2008	$ 200,000
May 2008	306,000
June 2008	306,000
July 2008	108,500
Total	$ 920,500

Source of Funds for Loan Repayment

The loan will be repaid by increasing the water rates for the Company by approximately $0.29 per 100 cubic feet from the current $3.71 per 100 cubic feet to $4.00 per 100 cubic feet (*estimates are based on a 20-year term for an SRF loan and continued "historical" customer usage.*).

Other Sources of Funding

Commercial bank financing is available if needed to supplement the SRF loan. The proposed rate increase will also be used to repay the bank loan.

Name of Financial Institution

The financial institution to which SRF payments can be electronically transferred is **TDBanknorth**, Plaistow, NH Branch.

Outstanding Debt

HAWC has some outstanding debt.

Most Recent Financial Report

A copy of HAWC's December 31, 2006 summary financial report is attached.

We hope that this information is sufficient for the processing of our funding request, and we look forward to hearing from you.

Truly yours,
Hampstead Area Water Company, Inc.

Peter A. Lewis, President

7/2/2007

HAMPSTEAD AREA WATER CO., INC.

ATKINSON\HAMPSTEAD SYSTEM INTERCONNECTION

BUDGET

	BUDGET	Comments
Adminsitrative Costs:		
Administrative Costs	5,000	
PUC related costs	10,000	
Legal & professional fees	15,000	
Pre-construction Costs:		
Engineering - pre-construction	50,000	
Land and Easements:		
Easement & water rights	0	
Miscellaneous Costs:		
Miscellaneous Costs		
Construction:		
Engineering & inspections	25,000	
Permits, fees etc.	7,500	
Water Main	724,000	
Contingency	84,000	10.0%
Totals	920,500	

7/2/2007

HAMPSTEAD AREA WATER COMPANY INC

BALANCE SHEET

December 31, 2006

ASSETS

	12/31/06
Current Assets:	
Cash	8,437
Accounts Receivable	301,960
Prepayments	29,638
Misc Current & Accrued Assets	0
Deferred Expenses	64,753
Deferred Income Taxes	27,520
Total Current Assets	432,308
Fixed Assets:	
Construction Work in Progress	110,241
Franchises	10,763
Land & Land Rights	76,185
Structures & Improvements	729,139
Wells & Springs	512,387
Supply Mains	17,481
Pumping Equipment	956,245
Water Treatment Equipment	390,514
Distribution Reserves & Standpipes	1,431,191
Transmission & Distribution Mains	3,698,568
Services	1,751,502
Meters & Meter Installation	692,523
Hydrants	80,056
Transportation Equipment	31,395
Tools Shop and Garage Equipment	1,926
Computer Equipment	13,038
Less: Accumulated Deprection	(2,152,162)
Total Fixed Assets	8,350,992

7/2/2007

HAMPSTEAD AREA WATER COMPANY INC

BALANCE SHEET

December 31, 2006

Total Assets	8,783,300
LIABILITIES AND EQUITY	
	12/31/06
Current Liabilities:	
Accounts Payable	88,429
Accts Pay to Associated Companies	1,102,647
Customer Deposits	0
Accrued Taxes, Utility Operating Inc	432
Accrued Taxes, Other Than Inc.	111
Accrued Interest	90,699
Misc Current & Accrued Liabilities	216
Injuries & Damages Reserve	0
Pensions & Benefits Reserve	1,205
Total Current Liabilities	1,283,739
Long-Term Liabilities:	
Notes Payable - Outside Parties	209,844
Notes Payable - NHDES (Smith Mtn Tank)	1,242,241
Notes Payable Lewis Builders Inc.	730,079
Notes Payable - Lewis Builders Development Inc	802,022
CIAC	6,337,208
Accum Amortization of CIAC	(1,489,999)
Total Long-Term Liabilities	7,831,394
Stockholders' Equity:	
Common Stock	20,100
Other Paid In Capital	1,078,401
Retained Earnings	(1,400,912)
Reacquired Capital Stock	(3,333)
Net Income (Loss)	(26,089)
Stockholders' Equity	(331,833)
Total Liabilities and Stockholders Equity	8,783,300

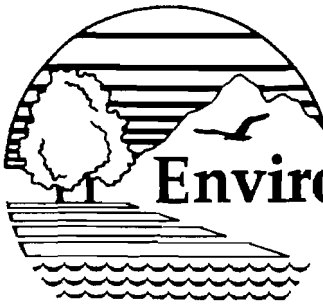
7/2/2007

HAMPSTEAD AREA WATER CO.

INCOME STATEMENT

FOR THE YEAR MONTHS ENDING DECEMBER 31, 2006

Revenue:	
Metered Sales to Residential Customers	1,031,980
Other Water Revenue	44,797
Total Revenue	1,076,777
Expenses:	
Depreciation	285,500
Amortization of CIAC	(160,329)
Property Taxes	102,789
Other Taxes & Licenses	153
State Income Taxes, Utility Oper Inc	2,398
Provision for Deferred Income Taxes	1,293
Misc Nonutility Expenses	0
Interest on Debt to Assoc Companies	109,599
Interest on Long-term Debt	18,730
Labor on Outside Jobs	16,502
Well - Operation Labor & Expenses	1,959
Well - Misc Expenses	0
Well - Maintenance Supervision & Eng.	0
Well - Maintenance of Structures\Improv	675
Maintenance of Wells & Springs	1,381
Power Purchased for Pumping	160,036
Pumping Labor & Expenses	24,729
Pumping - Misc Expenses	24,257
Pumps - Maintenance of Structures\Imp	8,534
Maintenance of Pumping Equipment	3,964
Chemicals	11,072
Treatment - Operation Labor & Expenses	83,276
Maintenance of Water Treatment Equip	2,476
Transm & Distribution Lines Expenses	16,371
Meter Expenses	1,458
Customer Installations Expenses	5,164
Transm & Distribution Lines - Misc Exp	0
Maintenance of Distrib Resrvoirs & Stdp	598
Maintenance of Transm & Distrib Mains	5,861
Maintenance of Services	4,697
Maintenance of Meters	3,553
Maintenance of Hydrants	760
Meter Reading Expenses	2,129
Customer Records & Collection Expenses	34,461
Uncollectable Accounts	0
Office Supplies & Other Expenses	21,283
Outside Services - Engineering	27,813
Outside Services - Management Fees	100,000
Outside Services - Accounting	34,829
Outside Services - Legal	14,956
Injuries & Damages	17,974
Employee Pensions & Benefits	48,803
Franchise Requirements	3,830
Regulatory Commission Expenses	28,980
Misc General Expenses	1,012
Misc Expenses - Vehicle Expenses	12,438
General Rents	16,900
Total Expenses	1,102,866
Net Income (Loss)	(26,089)



Public Water System Check-up
&
Self-Assessment Form

New Hampshire Department of Environmental Services
Water Supply Engineering Bureau
Public Water Supply Capacity Development

29 Hazen Drive
PO Box 95
Concord, New Hampshire 03302-0095
Telephone: (603) 271-2950 Fax: (603) 271-5171
e-mail: WSEBInfo@des.state.nh.us
internet: www.des.state.nh.us/wseb/capacity/

rev. May 27, 2004

complete this self-assessment form **together**. Annual follow up self-assessments will measure operations improvements made on the basis of initial assessments.

Assistance will be available to those who may need help in completing this form. Please contact Richard Thayer (603) 271-2950, rthayer@des.state.nh.us at DES' Water Supply Engineering Bureau for assistance if needed.

General Information

USEPA ID # 0112080 / 1031010 Date: 07/02/07

Water System Name: HAMPSTEAD AREA WATER COMPANY, INC.

Street Address: 54 SAWYER AVENUE

Town / City: ATKINSON State: NH Zip Code: 03811

Responsible Person in Charge (Owner, Manager or Designee) and Title:

CHARLES LANZA, PLANNING ASSOCIATE, CERTIFIED WATER OPERATOR

Mailing Address: AS STATED ABOVE

E-mail Address: Charlie@hampsteadwater.com

Telephone: 603-362-4299

Person(s) preparing this form: CHARLES LANZA

Public Water Supply System Information

Ownership Category: PRIVATELY OWNED

(e.g., Village District, Municipal, Privately-owned, other)

Number of Service Connections: ≈ 2,900 Population Served: ≈ 7,250

System Treatment Classification: I (e.g., I, II, III or IV)

System Distribution Classification: II (e.g., I, II, III or IV)

Please answer each of the following questions for your system by checking the appropriate response. If the question does not apply to your system, please answer N/A.

Source Water

What is your water source? ☐ *Surface water* ☒ *Ground water* ☐ *Purchased water*

Do you have an alternate source or a backup source? ☒ **Yes** ☐ **No**

	WATER PROTECTION AND EMERGENCY PREPAREDNESS				
	General Source Water Protection	**Yes**	**No**	**N/A**	**Unknown**
1	Do you have a written source water protection program?	☒	☐	☐	☐
2	If yes, is the source protection program being actively implemented?	☒	☐	☐	☐
3	If your system purchases water, does the supplier have a written protection program?	☐	☐	☒	☐
4	Do you have a source water protection outreach program?	☒	☐	☐	☐
5	Have you reviewed your Drinking Water Source Assessment Report from DES? (If you have not received it, please call DES at 271-0657)	☒	☐	☐	☐
6	Have steps been taken to address criteria identified in the Drinking Water Source Assessment Report as "High" risk?	☐	☐	☒	☐
7	Have the planning board or land use officials in each town in which your source protection area(s) are located been informed in writing that these areas exist?	☐	☐	☒	☐
8	Are you familiar with DES's grant programs for source water protection?	☒	☐	☐	☐
9	Do you patrol your source protection area(s) at least annually?	☒	☐	☐	☐
10	Do you evaluate and/or survey potential contamination source (PCS) businesses identified in the source water assessment at least once every three years? (required for new sources approved after 1991 and recommended for all others)	☒	☐	☐	☐
	Answer only the following sections that apply				
	Source Water Protection--Surface Water				
11	Have you reviewed the watershed delineation included in your Drinking Water Source Assessment Report?	☐	☐	☒	☐
12	Do you control the shoreline of your source through ownership or easements on the land?	☐	☐	☒	☐
13	Is the remainder of the watershed protected through public ownership or restrictive zoning?	☐	☐	☒	☐
14	Are current state rules tailored specifically to protect your surface water source?	☐	☐	☒	☐
15	Are water use restrictions (e.g., boating, swimming) in place for the entire water body?	☐	☐	☒	☐
16	Are water use restrictions (e.g., boating, swimming) in place for the area around your intake?	☐	☐	☒	☐
17	Do you have signs at the public access points to notify users of restrictions?	☐	☐	☒	☐
	Source Water Protection--Ground Water				
18	Have you reviewed the wellhead protection area delineation included in your Drinking Water Source Assessment Report?	☒	☐	☐	☐
19	Do you own or control land use activities on all the land in the sanitary protective radius of each well?	☒	☐	☐	☐
20	Do you own the land or control land use activities in the wellhead protection area outside the sanitary protective radius?	☐	☒	☐	☐
	Emergency Preparedness				
22	Do you have a written emergency response plan to address threats to your water supply (industrial accidents/spills, vandalism, terrorist actions, etc.)?	☒	☐	☐	☐
23	Do you have a plan to increase water system security? (locks, fencing, alarms, motion detectors, etc)	☐	☒	☐	☐
24	Do you have a written Emergency Response Plan for system operations?	☒	☐	☐	☐

	See Ws–Env-360.14				
	TECHNICAL CAPACITY				
	Water Quantity				
25	Do you have a sufficient quantity of source water to meet demand for the next 5 years?	☐	☒	☐	☐
26	Do you measure and record your daily water use, including maximum daily demand?	☐	☒	☐	☐
		Yes	**No**	**N/A**	**Unknown**
27	Can you meet anticipated maximum demand conditions (peak usage and/or emergency usage)?	☒	☐	☐	☐
28	Have you been able to meet usage demand during drought conditions?	☒	☐	☐	☐
29	Do you conduct water audits to determine the volume of unaccounted-for water?	☐	☒	☐	☐
30	Do you have routine leak detection and repair program?	☐	☒	☐	☐
31	Is unaccounted-for water less than 15 percent of the total water delivered to the water mains?	☒	☐	☐	☐
32	Do you have a water conservation plan or procedures?	☒	☐	☐	☐
33	Are the operating pressures in the water system between 35 psi and 85 psi at the service connections of each customer?	☒	☐	☐	☐
34	Can you maintain adequate pressure (20 psi or more) in the distribution system under all flow conditions?	☒	☐	☐	☐
35	***In the last three months, has there been more than three unscheduled service interruptions and / or one or more unscheduled service interruptions exceeding twelve hours? Yes=5 points***	☐	☒	☐	☐
36	If your system has more than 30 service connections, do you have an approved second source? (groundwater systems only)	☒	☐	☐	☐
	Water Quality				
37	***Does your finish water contain contaminants above their MCLs? Yes=20 points***	☐	☒	☐	☐
38	***Is the water treatment equipment, needed to achieve compliance with MCLs, operated and maintained in good working order? No=20 points***	☒	☐	☐	☐
39	***Has the system had any monitoring or reporting violations in the last twelve months? Yes=5 points***	☐	☒	☐	☐
40	Is your system in compliance with remaining SDWA requirements?	☒	☐	☐	☐
41	If no to above, do you know what deficiencies you have?	☒	☐	☐	☐
42	Do you have backflow prevention and cross connection control programs?	☒	☐	☐	☐
	Treatment: Corrosion Control				
43	Have the "first draw" water quality results for lead and copper been below 15 ug/l for lead and 1.3 mg/l for copper?	☒	☐	☐	☐
44	Does your finish water have a pH greater than 8 and an alkalinity greater than 50 mg/l?	☒	☐	☐	☐
	Treatment: Radionuclides				
46	Do you know if your radon levels are in the high (> 4000pCi/l), medium (300 to 4000 pCi/l), or low (< 300 pCi/l) range?	☒	☐	☐	☐
47	Are levels of radium (226 and 228 combined) in your finish water below 20 pCi/l?	☒	☐	☐	☐
48	Are levels of Gross Alpha (including radium 226, excluding radon and uranium)	☒	☐	☐	☐

	below 15 pCi/l?				
	Treatment: Inorganic Contaminants				
49	Is the concentration of arsenic in your finish water below 0.01 mg/l? The current MCL for arsenic will change from 0.05 mg/l to 0.01mg/l in 2006	☒	☐	☐	☐
50	Is the concentration of fluoride in your finish water below 4 mg/l?	☒	☐	☐	☐
51	Is the concentration of nitrate in your finish water below 10 mg/l?	☒	☐	☐	☐
	Plant and Distribution Operations and Procedures				
52	***Does the water system have repair agreements with all three of the following contractors: electrical, mechanical and distribution system? No = 5 points***				
53	Does the operator flush the water system at least annually?	☒	☐	☐	☐
54	Do you have maps or plans that clearly define your service area?	☒	☐	☐	☐
55	Do you have current and accurate plans and diagrams of the distribution system (As-built plans)?	☒	☐	☐	☐
		Yes	**No**	**N/A**	**Unknown**
56	Are all valves exercised and lubricated annually?	☐	☒	☐	☐
57	Are all sources of supply and all customers metered?	☒	☐	☐	☐
58	Are all meters accurate, operational, and the proper size?	☒	☐	☐	☐
59	Do you have accurate and up-dated plant design plans and specifications?	☒	☐	☐	☐
60	Do you have a written comprehensive Operations and Maintenance manual for all system operations?	☐	☐	☒	☐
61	Do you have and use technical service manuals?	☒	☐	☐	☐
62	Is your operating machinery regularly inspected?	☒	☐	☐	☐
63	Do you have and use a preventive maintenance schedule for facilities equipment?	☐	☐	☒	☐
64	Do you have an adequate spare parts inventory to meet emergencies?	☒	☐	☐	☐
65	Are your test instruments regularly inspected and calibrated?	☒	☐	☐	☐
66	Can your standby/emergency power system supply sufficient power to operate your system during peak demand?	☐	☐	☒	☐
67	If yes, has it been tested/evaluated within the last six months?	☐	☐	☒	☐
	Staff Certification and Training				
68	Are the system operator(s) currently licensed for the required license classification(s)?	☒	☐	☐	☐
69	***Does the system have a back-up certified operator? No=5 points***	☒	☐	☐	☐
70	Do system personnel attend appropriate and required training?	☒	☐	☐	☐
71	Are all other key staff positions filled including office personnel, managerial personnel and water system over seers (trustees, selectmen, directors, etc.)?	☒	☐	☐	☐
	Water Quality Assurance				
72	Has your system had a sanitary survey within the last five years?	☒	☐	☐	☐
73	***Were any significant facility or operational deficiencies noted in the last sanitary survey? (ref. Env-Ws 306.01(d) (1 & 2) Yes=5 points***	☐	☒	☐	☐
74	Has the most recent sanitary survey indicated any deficiencies?	☐	☒	☐	☐
75	If yes, have the indicated deficiencies been corrected?	☐	☐	☒	☐
76	Has your system had a violation of SDWA rules or State water quality rules within the last two years?	☐	☒	☐	☐
	MANAGERIAL CAPACITY				

	Organizational Structure				
77	Does the system have a clearly identified ownership/management structure with clearly defined roles for owners and operators?	☒	☐	☐	☐
78	Does the system have a clearly identified official to interact with public and regulatory entities?	☒	☐	☐	☐
79	Is there an organizational chart to detail system structure?	☒	☐	☐	☐
80	Are all applicable by-laws, ordinances, charter provisions, covenants or other constitutional documents and governing agreements current?	☐	☐	☒	☐
81	Are constitutional and governing agreements regularly reviewed and amended?	☐	☐	☒	☐
82	Does the governing body hold duly and regularly scheduled meetings with proper public posting and appropriate time for public notification?	☐	☐	☒	☐
83	Are minutes of the meetings taken and made readily available to the public?	☐	☐	☒	☐
84	Do you have written personnel policies?	☒	☐	☐	☐
85	Are the personnel policies regularly reviewed and amended as needed?	☒	☐	☐	☐
86	Do you have a safety program?	☒	☐	☐	☐
87	Is the safety program regularly reviewed, practiced and amended as needed?	☐	☐	☒	☐
		Yes	**No**	**N/A**	**Unknown**
88	Do you have written policies and procedures for responding to public inquiries, concerns or complaints?	☒	☐	☐	☐
89	Do you have written operational policies and procedures for such things as: connection/disconnection, public notification for violations/alerts/emergencies?	☒	☐	☐	☐
90	Are these policies and procedures regularly reviewed and amended as needed?	☒	☐	☐	☐
91	Do you engage in general public education activities beyond the required issuance of Consumer Confidence Reports?	☒	☐	☐	☐
	System Planning				
92	Does your system have a written Comprehensive System Facilities Plan (long range, 10 to 20 year plan for total system operations)?	☐	☒	☐	☐
	Collaboration and Interconnection				
93	Are you interested in partnering with other drinking water systems, either locally or regionally, to share staff, water, equipment, or supplies and/or to purchase water, power, equipment, or supplies?	☒	☐	☐	☐
94	Are you interested in entering into mutual aid agreements with other systems?	☒	☐	☐	☐
95	Have you considered contracting your services, staff or equipment to other water systems as may be needed?	☐	☒	☐	☐
96	Have you considered the possibility of merging with adjacent systems?	☒	☐	☐	☐
	Computer Information Systems				
97	Do you have and use a computer for information management?	☒	☐	☐	☐
98	Is the computer used for process control?	☐	☒	☐	☐
99	Is the computer used for financial management?	☒	☐	☐	☐
100	Is the computer used for maintaining general information files?	☒	☐	☐	☐
101	Do you have an e-mail account?	☒	☐	☐	☐
102	Do you have Internet access?	☒	☐	☐	☐
	FINANCIAL CAPACITY				
	Budgeting				

103	Do you prepare a written annual budget?	☒	☐	☐	☐
104	Do your annual revenues exceed annual operating, maintenance & administrative expenses by 10 to 20 percent?	☐	☒	☐	☐
105	Are water system revenues applied only to water system expenses?	☒	☐	☐	☐
106	Are you meeting your budget goals with respect to income and expenses?	☒	☐	☐	☐
107	Does your budgeting process provide for depreciation of existing equipment?	☒	☐	☐	☐
108	***Does the water system fund a capital reserve account? No=5 points***	☐	☒	☐	☐
	Financial Controls				
109	Do you have written policies for billing and collection?	☒	☐	☐	☐
110	Do you prepare monthly and/or quarterly financial statements?	☒	☐	☐	☐
111	Do overseers (commissioners, selectmen, directors, etc.) regularly review financial statements?	☒	☐	☐	☐
112	Does your system have an annual financial audit?	☐	☒	☐	☐
113	Are delinquent accounts less than 5% of the annual operating budget?	☒	☐	☐	☐
114	Are the water system's contractual obligations being met?	☒	☐	☐	☐
115	***Does the water system have any contractual debts over 6 months in arrears? Yes=5 points***	☒	☐	☐	☐
	Water Rates				
116	Do you review your rate structure and fees annually?	☒	☐	☐	☐
	Does your rate structure generate sufficient income to:				
117	Pay for operating expenses?	☒	☐	☐	☐
118	Fund depreciation or reserve accounts?	☒	☐	☐	☐
119	Fund a capital reserve account to cover equipment replacement expenses?	☒	☐	☐	☐
120	Does your water system generate sufficient income to meet estimated expenses during the current and forecasted budget years?	☒	☐	☐	☐
121	To withstand cash flow fluctuations, does the system have an operating cash reserve equal to or greater than 1/8 its annual operating budget?	☐	☒	☐	☐
122	Can your system cover the cost of an emergency or failure of its most vulnerable system component? (well, supply source, pump, etc.)	☒	☐	☐	☐
123	Are your water rates "affordable"? NHDES considers an annual water rate equal to or less than 1 percent of the community's median household income to be affordable. (New Hampshire residential average for 2001: $304/home/year)	☒	☐	☐	☐
	Financial Planning				
124	Do you prepare a multi-year budget (three years or more)?	☐	☐	☒	☐
125	Do you have a written long-range capital improvement plan (ten years or more)?	☐	☐	☒	☐

System name: _____ EPAID #: _____

If you believe your system would benefit from training or assistance, please describe your needs in the space below:

Technical

Help wanted: _____

_____

_____ _____