

September 15, 2015

Idaho Department of Environmental Quality
Attn: Charlie Parkins
1410 North Hilton
Boise, ID 83706

Subject: City of New Meadows Drinking Water Planning Grant Application

Dear Charlie,

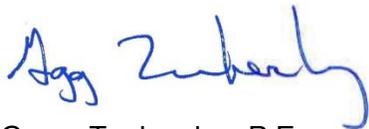
Of behalf of the City of New Meadows and their engineering team of Crestline Engineers, Inc. and Mountain Waterworks, Inc. (Crestline Team), we would like to submit the attached IDEQ Drinking Water Planning Grant Application and supporting documents for the proposed City of New Meadows, Water System Master Plan Amendment project.

As you'll find in the attached application, it is anticipated that the proposed financing for the project will be obtained from the IDEQ, a USDA Rural Development/Rural Utilities Service (RUS) – SEARCH Grant, and the City's water system budget.

Thank you for your continued support of this project and please feel free to contact our office should you have any questions and/or if you would like to further discuss the project.

Respectfully submitted by,

Crestline Engineers, Inc.



Gregg Tankersley, P.E.
New Meadows City Engineer

Enclosures:

1. IDEQ Drinking Water Planning Grant Application
2. City of New Meadows Task Order 15-1
3. USDA-RD Agreement for Professional Services
4. Engineering Budget w/Estimated Staff Hours
5. Crestline Engineers, Inc. and Mountain Waterworks, Inc. Certificates of Liability Insurance
6. IDEQ Drinking Water Planning Grant Letter of Interest

Drinking Water Planning Grant Application Form A

Preapplication Meeting Date:

Section I: Background Information

Applicant

Name of System:

Public Water System Identification Number:

Address:

City: State: Zip Code:

County:

Phone: Fax:

E-mail:

Presiding Official Check if this is the primary contact

Name and Title:

Address:

City: State: Zip Code:

Phone: Fax:

E-mail:

Clerk/Treasurer Check if this is the primary contact

Name and Title:

Address:

City: State: Zip Code:

Phone: Fax:

E-mail:

Consulting Engineer Check if this is the primary contact

Name and Title:

Engineering Firm:

Address:

City: State: Zip Code:

Phone: Fax:

E-mail:

- Click here if you have an environmental information document (EID) preparer other than the consulting engineer.
- Click here if you will have a grant administrator.

Description of Project

Do you have a licensed operator and substitute operator in responsible charge of the drinking water facility(ies) who hold a licensure equal to or exceeding your system's classification?

- Yes
- No

Is the system current with its annual drinking water fee assessment?

- Yes
- No

Public Water System Type (check all that apply)

- Municipality
- Nonprofit corporation
- For profit
- Other (describe how system was legally created)

Section II: Budget Information

A. Calculation of Total Eligible Planning Cost

1. Administrative Cost:	<input type="text"/>
2. Engineering Fees:	<input type="text" value="60,000"/>
3. Other:	<input type="text"/>
TOTAL PLANNING COST:	<input type="text" value="60,000"/>

B. Proposed Financing of Total Planning Cost

1. State Share (Drinking Water Planning Grant):	<input type="text" value="\$30,000"/>	(no more than 50% of total planning cost)
2. Applicant Share:	<input type="text" value="\$8,000"/>	
3. Other:	<input type="text" value="\$22,000"/>	

C. Proposed Methods of Financing Non-State Share

Applicant Share:

Other Shares (identify any share to be provided by other funding sources):

Section III: Environmental Information Document

Will the EID be included in the planning process?

 Yes NoIs the EID cost (in dollars) included in Section II.A? If so, how much? **Section IV: Engineering****A. Engineering Contract**

1. Please attach a copy of the engineering contract to this application.
2. Please indicate which of the following items are included in the engineering contract.

- Name of grantee
- Engineering firm name and name(s) of project engineer(s)
- Scope and extent of work clearly defined and sufficient to complete the project
- Estimated staff-hours, hourly rates, and skill levels reasonable for each task
- Time of performance specified
- Project cost will not exceed cost specified without written approval of DEQ
- Conditions of cost and scope changes specified
- EID is part of the scope of work and it will be produced to meet DEQ guidelines
- Sustainability efforts are addressed as noted in the letter of interest

How much of the planning effort (in dollars) is supporting the sustainability effort?

3. Please include a copy of the engineering scope of work.
4. Please indicate by checking the boxes below that all of the following items are included in the scope of work.

- Project description (includes grantee name, engineering firm name, and project name)
- Background information for project (include existing drinking water system and problems it is experiencing)
- Engineering task(s) to be completed, cost per task, and schedule for completion.

Tasks to be completed include the following:

- Determine existing conditions of system and planning area
- Determine future conditions of system and planning area
- Address sustainability efforts if noted in the letter of interest (LOI) and cost amount to address this effort
- Develop screening alternatives
- Select final alternatives
- Develop implementation plan
- Describe expectations of future conditions based on the life of the project
- Evaluation and selection of best upgrade alternative for drinking water system (include description of upgrade alternative evaluation and selection process you will use, including your public involvement procedure)
- Site-specific environmental evaluations

B. Certification of Negotiations

Is the system owned by a public agency or a political subdivision as defined in State of Idaho Code 67-2320?

Yes

No

If yes, please certify the following with initials:

I hereby certify full compliance with State of Idaho Code 67-2320 for the negotiation and securing of an engineering contract for the planning efforts associated with the DEQ Drinking Water Planning Grant.

I hereby certify that the negotiation included a discussion of the following elements:

- Scope and extent of work and other essential requirements
- Identification of the personnel and facilities necessary to accomplish the work within the required time, including, where needed, employment of additional personnel, subcontracting joint ventures, etc.
- Provision of the required technical services in accordance with regulations and criteria established for the project
- A fair and reasonable price for the required work

I hereby certify that record of these negotiations has been completed and can be made immediately available upon request by state officials.

C. Proof of Professional Liability

1. Please include a copy of the engineering firm's professional liability declaration page (must be at least \$100,000 or twice the project cost, whichever is greater).

Section V: Nonprofit and Investor-Owned Applicants

(Municipalities may skip to Section VI.)

- Check here if you are an incorporated nonprofit applicant
- Check here if you are an investor-owned corporate applicant

Section VI: Assurances

By signing this Drinking Water Planning Grant Application (Application), the undersigned, on behalf of the owner of the drinking water system identified herein (the "Applicant"), requests a Drinking Water Planning Grant from the Department of Environmental Quality. The Applicant hereby assures and certifies that all the information contained in this Application is complete, true, and correct. The Applicant hereby assures and certifies compliance with the applicable regulations, policies, guidelines, and requirements as they relate to this Application and to acceptance and use of State funds for this project. False statements presented in the Application may be grounds for rejection or termination of the Drinking Water Planning Grant or may be subject to legal action and a civil penalty as provided by law.

The Applicant certifies they possess legal authority to apply for the grant and the ability to provide the local matching share for the grant. A resolution, motion, or similar action has been duly adopted or passed as an official act of the Applicant's governing body, authorizing the filing of the Application, including all understandings and assurances contained therein, and directing and authorizing the person identified as the official representative of the Applicant to act in connection with the Application and to provide such additional information as may be required.

The Applicant assures and certifies that the financial, institutional, and managerial analysis of the impacts of the local share of this project on this community and the residents of the service area has been completed. As a result of this analysis, the Applicant has found that they have the legal, institutional, managerial, and financial capability to complete the planning work.

The Applicant will give the grantor or its authorized representative access to and right to examine all records, books, papers, or documents related to the grant.

Signature of authorized representative

Printed name and title of authorized representative

Date

**CITY OF NEW MEADOWS
TASK ORDER 15-1**

**WATER SYSTEM FACILITY PLAN UPDATE
AND ENVIRONMENTAL IMPACT DOCUMENT**

This TASK ORDER, Number 15-1, under the AGREEMENT between City of New Meadows, Idaho (CITY) and Crestline Engineers, Inc. (ENGINEER), dated May 7, 2013 (the AGREEMENT) for the following services:

1. Complete an update to the CITY's existing Water Master Plan, which will include the preparation of a Water System Facility Plan update/amendment and an Environmental Information Document (EID)/Environmental Report meeting the requirement of the Idaho Department of Environmental Quality (IDEQ) and the United States Department of Agriculture (USDA-RD).
2. Project Managers for the project will be Gregg Tankersley (Crestline Engineers, Inc.) and Stuart Hurley (Mountain Waterworks, Inc.).
3. This task order further outlines/supplements the USDA-RD Agreement for Professional Services associated with the project.

SCOPE OF WORK

The ENGINEER shall perform the following services:

- Complete a Water System Facility Plan per the Idaho Department of Environmental Quality (IDEQ) requirements and the Idaho Rules for Administration of Planning Grants for Drinking Water Facilities, IDAPA 58.01.22. The plan/report will also be completed in accordance with RUS Bulletin 1780-2 and will follow Chapter 5 of the *IDEQ Drinking Water Loan Account Handbook* as well as the "Planning Document Outline and Checklist" (Form 5-A) to help ensure compliance.
- The Facility Plan will include information about the existing system conditions and planning area as well as discuss future conditions based anticipated capital improvements and projected growth.
- The Facility Plan will also address sustainability efforts as noted in the IDEQ Drinking Water Planning Grant Letter of Interest (LOI).
- The Facility Plan will discuss screening alternatives, select a final alternative, develop an implementation plan, and describe expectations of future conditions based upon on the life of the project.
- Upon completion of the Facility Plan, an Environmental Information Document (EID) will be prepared for the selected alternative(s) outlined in the facility planning document. The EID will include a description of purpose and need for the proposed project(s); a description of the affected environment and environmental impacts including, but not limited to, endangered species, historical and archaeological impacts, air impacts, surface and groundwater impacts, and noise and visual impacts; a description of the planned

mitigation for these impacts; and descriptions of the public involvement process, agencies consulted, referenced documents, and a mailing list of interested parties. The report will also be completed in compliance with 7 CFR 1794 and RUS Bulletin 1794A-602 as well as follow the outline presented in Form 5-B of the *IDEQ Drinking Water Loan Account Handbook*.

NOT INCLUDED IN SCOPE OF WORK

Certain services including, but not limited to the following, shall be charged as "Additional Services" unless specifically included in the Scope of Services.

- Detailed design and preparation of construction plans.
- Extensive professional land surveying work and or any other required studies not considered standard.
- Any items listed under Section D – Additional Services of the USDA-RD Agreement for Professional Services associated with the project.

PROJECT DELIVERABLES

The ENGINEER shall provide the following deliverables as part of the project:

- Water Master Plan/Facility Plan update
- Environmental Information Document (EID)/Environmental Report
- Provide monthly updates in regards to the status of the proposed Scope of Work and the Crestline Teams efforts.

SCHEDULE

Project Schedule is further outlined/supplemented in the USDA-RD Agreement for Professional Services associated with the project. As outlined in the Agreement, the ENGINEER estimates that it will take as much as 274 calendar days from the date of authorization to proceed to complete the above listed Scope of Work.

BUDGET

The budgeted costs associated with completing this TASK ORDER with respect to the above listed scope of services and exclusions will not exceed \$60,000.00 including sub-consultant fees as shown on our attached budget estimate. At this time, we would like to propose a "not to exceed" budget limit in that amount without further authorization. In return for the performance of the foregoing obligations, the CITY shall pay the ENGINEER on a time and materials basis per Attachment 1 - Hourly Rate and Reimbursable Schedules of the attached USDA-RD Agreement for Professional Services.

Except to the extent modified herein, all terms and conditions of the AGREEMENT shall continue in full force and effect. By affixing your signature below, the CITY is authorizing Crestline Engineers, Inc. to proceed with the above listed scope of work and budget once final confirmation is obtained from the IDEQ and USDA-RD for project funding.

ENGINEER:
CRESTLINE ENGINEERS, INC.

OWNER:
CITY OF NEW MEADOWS

Signature: _____

Signature: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL DEVELOPMENT
IDAHO

AGREEMENT FOR PROFESSIONAL SERVICES

This Agreement, made this 14th day of September, 20 15,

by and between the City of New Meadows, Idaho, hereafter referred to as the OWNER,

and Crestline Engineers, Inc., hereinafter referred to as the DESIGN PROFESSIONAL:

THE OWNER intends to Complete an update to their existing Water Master Plan, which will include the preparation of a Water System Facility Plan update/amendment and an Environmental Information Document (EID)/Environmental Report.

in Adams County, State of Idaho
which may be paid for in part with financial assistance from the United States of America acting through Rural Development of the United States Department of Agriculture, pursuant to the consolidated Farm and Rural Development Act, (7 U.S.C. 1921 et seq.) and for which the DESIGN PROFESSIONAL agrees to perform the various professional services for the design and construction of said system.

WITNESSETH:

That for and in consideration of the mutual covenants and promises between the parties hereto, it is hereby agreed:

SECTION A – PROFESSIONAL SERVICES

The DESIGN PROFESSIONAL shall furnish services as follows:

1. The DESIGN PROFESSIONAL will conduct preliminary investigations, prepare preliminary drawings, provide a preliminary itemized list of probable construction costs effective as of the date of the preliminary report, and submit a Preliminary Report (preliminary engineering report or preliminary architectural report, (also referred to as a Facility Plan) following Rural Development and the Idaho Department of Environmental Quality (IDEQ) instructions and guides.

DESIGN PROFESSIONAL will complete a water system Facility Plan per the Idaho Department of Environmental Quality (IDEQ) requirements and the Idaho Rules for Administration of Planning Grants for Drinking Water Facilities, IDAPA 58.01.22. The plan/report will also be completed in accordance with RUS Bulletin 1780-2 and will follow Chapter 5 of the IDEQ Drinking Water Loan Account Handbook as well as the "Planning Document Outline and Checklist" (Form 5-A) to help ensure compliance.

DESIGN PROFESSIONAL will complete an Environmental Information Document (EID) for the selected alternative(s) outlined in the facility planning document. The EID will include a description of purpose and need for the proposed project(s); a description of the affected environment and environmental impacts including, but not limited to, endangered species, historical and archaeological impacts, air impacts, surface and groundwater impacts, and noise and visual impacts; a description of the planned mitigation for these impacts; and descriptions of the public involvement process, agencies consulted, referenced documents, and a mailing list of interested parties. The report will also be completed in compliance with 7 CFR 1794 and RUS Bulletin 1794A-602 as well as follow the outline presented in Form 5-B of the IDEQ Drinking Water Loan Account Handbook.

2. The DESIGN PROFESSIONAL will furnish 3 copies of the preliminary report (Facility Plan), ~~and layout maps~~ to the OWNER.
3. The DESIGN PROFESSIONAL will produce an environmental report that meets the requirements of Rural Development and the IDEQ instructions and guides.
4. The DESIGN PROFESSIONAL will furnish 3 copies of the environmental report to the OWNER.
5. The DESIGN PROFESSIONAL will attend conferences with the OWNER, representatives of Rural Development and IDEQ, or other interested parties as may be reasonably necessary.
6. ~~After the preliminary report has been reviewed and approved by the OWNER and by Rural Development and the OWNER directs the DESIGN PROFESSIONAL to proceed, the DESIGN PROFESSIONAL will perform the necessary design surveys, accomplish the detailed design of the project, prepare construction drawings, specifications and contract documents, and prepare a final cost estimate based on the final design for the entire system. The design shall conform to the International Building Code and applicable requirements of the local building authority. It is also understood that if subsurface explorations (such as borings, soil tests, rock~~

~~soundings and the like) are required, the DESIGN PROFESSIONAL will furnish coordination of said explorations without additional charge, but the costs incident to such explorations shall be paid for by the OWNER as set out in Section D hereof.~~

- ~~7. The contract documents furnished by the DESIGN PROFESSIONAL under Section A 4 shall utilize Rural Development endorsed construction contract documents, including Rural Development General Conditions, Contract Change Orders, and partial payment estimates. All of these documents shall be subject to Rural Development approval. Copies of guide contract documents may be obtained from Rural Development.~~
- ~~8. Prior to the advertisement for bids, the DESIGN PROFESSIONAL will provide for each construction contract, not to exceed 10 copies of detailed drawings, specifications, and contract documents for use by the OWNER, appropriate Federal, State, and local agencies from whom approval of the project must be obtained. The cost of such drawings, specifications, and contract documents shall be included in the basic compensation paid to the DESIGN PROFESSIONAL.~~
9. The DESIGN PROFESSIONAL will furnish additional copies of the drawings, specifications and contract documents as required by prospective bidders, material suppliers, and other interested parties, but may charge them for the reasonable cost of such copies. Upon award of each contract, the DESIGN PROFESSIONAL will furnish to the OWNER five sets of the drawings, specifications and contract documents for execution. The cost of these sets shall be included in the basic compensation paid to the DESIGN PROFESSIONAL. Original documents, survey notes, tracings, and the like, except those furnished to the DESIGN PROFESSIONAL by the OWNER, are and shall remain the property of the DESIGN PROFESSIONAL.

(Section A – continued)

- ~~10. The drawings prepared by the DESIGN PROFESSIONAL under the provisions of Section A 4 above shall be in sufficient detail to permit the actual location of the proposed improvements on the ground. The DESIGN PROFESSIONAL shall prepare and furnish to the OWNER without any additional compensation, three copies of a map(s) showing the general location of needed construction easements and permanent easements and the land to be acquired. Property surveys, property plats, property descriptions, abstracting and negotiations for land rights shall be accomplished by the OWNER, unless the OWNER requests, and the DESIGN PROFESSIONAL agrees to provide those services. In the event the DESIGN PROFESSIONAL is requested to provide such services, the DESIGN PROFESSIONAL shall be additionally compensated as set out in Section D hereof.~~
- ~~11. The DESIGN PROFESSIONAL will attend the bid opening and tabulate the bid proposals, make an analysis of the bids, and make recommendations for awarding contracts for construction.~~
- ~~12. The DESIGN PROFESSIONAL will review and approve, for conformance with the design concept, any necessary shop and working drawings furnished by contractors.~~
- ~~13. The DESIGN PROFESSIONAL will interpret the intent of the drawings and specifications to protect the OWNER against defects and deficiencies in construction on the part of the contractors. The DESIGN PROFESSIONAL will not, however, guarantee the performance by any contractor.~~
- ~~14. The DESIGN PROFESSIONAL will establish baselines for locating the work together with a suitable number of bench marks adjacent to the work as shown in the contract documents.~~
- ~~15. The DESIGN PROFESSIONAL will provide general review of the work of the contractors as construction progresses to ascertain that the contractor is conforming with the design concept.~~
- ~~16. Unless notified by the OWNER in writing that the OWNER will provide for inspection, the DESIGN PROFESSIONAL will provide construction inspection. The DESIGN PROFESSIONAL'S undertaking hereunder shall not relieve the contractor of contractor's obligation to perform the work in conformity with the drawings and specifications and in a workmanlike manner; shall not make the DESIGN PROFESSIONAL an insurer of the contractor's performance; and shall not impose upon the DESIGN PROFESSIONAL any obligation to see that the work is performed in a safe manner.~~
17. The DESIGN PROFESSIONAL will cooperate and work closely with Rural Development representatives.
- ~~18. The DESIGN PROFESSIONAL will review the contractor's applications for progress and final payment and, when approved, submit same to the OWNER for payment.~~
- ~~19. The DESIGN PROFESSIONAL will prepare necessary contract change orders for approval of the OWNER, Rural Development, and others on a timely basis.~~
- ~~20. The DESIGN PROFESSIONAL will make a final review prior to the issuance of the statement of substantial completion of all construction and submit a written report to the OWNER and Rural Development. Prior to submitting the final pay estimate, the DESIGN PROFESSIONAL shall submit a statement of completion to and obtain the written acceptance of the facility from the OWNER and Rural Development.~~

21. ~~The DESIGN PROFESSIONAL will provide the OWNER with one set of reproducible record (as built) drawings, and two sets of prints at no additional cost to the OWNER. Such drawings will be based upon construction records provided by the contractor during construction and reviewed by the resident inspector and from the resident inspector's construction data.~~
22. ~~The DESIGN PROFESSIONAL will be available to furnish professional services and consultations necessary to correct unforeseen project operation difficulties for a period of one year after the date of statement of substantial completion of the facility. This service will include instruction of the OWNER in initial project operation and maintenance but will not include supervision of normal operation of the system. Such consultation and advice shall be furnished without additional charge except for travel and subsistence costs. The DESIGN PROFESSIONAL will assist the OWNER in performing a review of the project during the 11th month after the date of the certificate of substantial completion.~~
23. The DESIGN PROFESSIONAL further agrees to obtain and maintain, at the DESIGN PROFESSIONAL'S expense, such insurance as will protect the DESIGN PROFESSIONAL from claims under the Workman's Compensation Act and such comprehensive general liability insurance as will protect the OWNER and the DESIGN PROFESSIONAL from all claims for bodily injury, death, or property damage which may arise from the performance by the DESIGN PROFESSIONAL or by the DESIGN PROFESSIONAL'S employees of the PROFESSIONAL'S functions and services required under this Agreement.

(Section A – continued)

24. The services called for in the Section A-1 thru A-4 of this Agreement shall be completed and the report submitted within 274 calendar days from the date of authorization to proceed. ~~After acceptance by the OWNER and Rural Development of the Report and upon written authorization from the OWNER, the DESIGN PROFESSIONAL will complete final plans, specifications and contract documents and submit for approval of the OWNER, Rural Development and all State regulatory agencies within _____ calendar days from the date of authorization unless otherwise agreed to by both parties.~~

If the above is not accomplished within the time period specified, this Agreement may be terminated by the OWNER. The time for completion will be extended by the OWNER for a reasonable time if completion is delayed due to unforeseeable causes beyond the control and without the fault or negligence of the DESIGN PROFESSIONAL.

SECTION B - COMPENSATION FOR PROFESSIONAL SERVICES

1. The OWNER shall compensate the DESIGN PROFESSIONAL for preliminary professional services (A-1 thru A-4) in the sum of _____ sixty thousand _____ Dollars (\$ 60,000) after the review and approval of the preliminary report by the OWNER and Rural Development.
2. ~~The OWNER shall compensate the DESIGN PROFESSIONAL for design and contract administration services in the amount of: _____ Dollars (\$ _____) or~~
3. ~~The compensation for preliminary services, design and contract administration services shall be payable as follows:~~
 - (a) ~~A sum which equals seventy percent (70%) of the total compensation payable under Section B 1 and 2, after completion and submission of the construction drawings, specifications, cost estimates, and contract documents, and the acceptance of the same by OWNER and Rural Development.~~
 - (b) ~~A sum which, together with the compensation provided in Section B 3 (a) above, equals eighty percent (80%) of the compensation payable immediately after the construction contracts are awarded.~~
 - (c) ~~A sum equal to fifteen percent (15%) of the compensation will be paid on a monthly basis for general review of the contractor's work during the construction period on percentage ratios identical to those approved by the DESIGN PROFESSIONAL as a basis upon which to make partial payments to the contractor(s). However, payment under this paragraph and of such additional sums as are due the DESIGN PROFESSIONAL by reason of any necessary adjustments in the payment computations will be in an amount so that the aggregate of all sums paid to the DESIGN PROFESSIONAL will equal ninety five (95%) of the compensation.~~

~~(d) A final payment to equal 100 percent shall be made when it is determined that all services required by this Agreement have been completed except for the services set forth in Section A-21 hereof.~~

~~SECTION C – COMPENSATION FOR INSPECTION SERVICES
AS SET FORTH IN SECTION A-14~~

~~When the DESIGN PROFESSIONAL provides resident inspection, the DESIGN PROFESSIONAL will, prior to the preconstruction conference, submit a resume of the inspector's qualifications, anticipated duties and responsibilities for approval by the OWNER and Rural Development. The OWNER agrees to pay the DESIGN PROFESSIONAL for such services in accordance with the schedule set out in Attachment 1. The DESIGN PROFESSIONAL will render to OWNER for such services an itemized bill, once each month, for compensation for such services performed hereunder during such period, the same to be due and payable by the OWNER to the DESIGN PROFESSIONAL on or before the 10th day of the following period.~~

~~Under normal construction circumstances, and for the proposed construction period of _____ days, the cost of inspection is estimated to be \$ _____.~~

SECTION D – ADDITIONAL SERVICES

In addition to the foregoing being performed, the following services may be provided UPON PRIOR WRITTEN AUTHORIZATION OF THE OWNER and written approval of Rural Development.

1. Site surveys for water treatment plants, sewage treatment works, dams, reservoirs, and other similar special surveys as may be required.
2. Laboratory tests, well tests, borings, specialized geological, soils, hydraulic, or other studies recommended by the DESIGN PROFESSIONAL.
3. Property surveys, detailed description of sites, maps, drawings, or estimates related thereto; assistance in negotiating for land and easement rights.
4. Necessary data and filing maps for water rights, water adjudication, and litigation.
5. ~~Redesigns ordered by the OWNER after final plans have been accepted by the OWNER and Rural Development, except redesigns to reduce the project cost to within the funds available.~~
6. Appearances before courts or boards on matters of litigation or hearings related to the project.
7. Preparation of environment impact assessments or environmental impact statements.
8. ~~Performance of construction staking necessary for construction of the project in excess of the control staking set forth in Section A-12.~~
9. ~~The DESIGN PROFESSIONAL further agrees to provide the operation and maintenance manual for facilities when required for \$ _____.~~

~~Payment for the services specified in this Section D shall be as agreed in writing between the OWNER and approved by Rural Development prior to commencement of the work. Barring unforeseen circumstances, such payment is estimated not to exceed~~

~~\$ _____. The DESIGN PROFESSIONAL will render to OWNER for such services an itemized bill, separate from any other billing, once each month, for compensation for services performed hereunder during such period, the same to be due and payable by OWNER to the DESIGN PROFESSIONAL on or before the 10th day of the following period.~~

SECTION E - INTEREST ON UNPAID SUMS

If OWNER fails to make any payment due DESIGN PROFESSIONAL within 60 days for services and expenses and funds are available for the project then the DESIGN PROFESSIONAL shall be entitled to interest at the rate of 1 percent per annum from said 60th day, not to exceed an annual rate of 12 percent.

SECTION F - SPECIAL PROVISIONS

- 1. This Agreement is executed pursuant and subject to the Professional Engineering Service Term Agreement between the OWNER and DESIGN PROFESSIONAL dated May 15, 2013.

SECTION G – APPROVAL BY RURAL DEVELOPMENT

This Agreement shall not become effective until approved by Rural Development. Such approval shall be evidenced by the signature of a duly authorized representative of Rural Development in the space provided at the end of this Agreement. The approval so evidenced by Rural Development shall in no way commit Rural Development to render financial assistance to the OWNER and is without liability for any payment hereunder, but in the event such assistance is provided, approval shall signify that the provisions of this Agreement are consistent with the requirements of Rural Development.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in duplicate on the respective dates indicated below.

(SEAL)

(OWNER)

By _____

Type Name _____

Title _____

Date _____

ATTEST _____

Type Name _____

Title _____

(SEAL)

DESIGN PROFESSIONAL

By _____

Type Name Gregg Tankersley

Title President/Principal Engineer

Date September 14, 2015

ATTEST _____

Type Name _____

Title _____

APPROVED

RURAL DEVELOPMENT

By _____

Type Name _____

Title _____

Date _____

ATTACHMENT 1

HOURLY RATE AND REIMBURSABLE SCHEDULES

Standard Hourly Rates Schedule

Billing Class/Description	Hourly Rate
Principal Engineer	\$150.00
Senior Project Manager	\$140.00
Project Manager	\$125.00
Senior Technical Consultant	\$125.00
Senior Project Engineer	\$110.00
Project Engineer	\$100.00
Engineer in Training 2	\$90.00
Engineer in Training 1	\$75.00
Senior Technical Designer	\$90.00
Project Designer	\$80.00
Environmental Scientist	\$75.00
Project Inspector (RPR) 2	\$85.00
Project Inspector (RPR) 1	\$75.00
Licensed Utility Operation	\$75.00
Administration 2	\$65.00
Administration 1	\$45.00
Billing 1	\$75.00

Reimbursable Expenses Schedule

8"x11" Copies/Impressions	\$ [.25]/page
8"x11" Color Copies/Impressions	\$ [.95]/page
Copies of Drawings	\$ [.50]/sq. ft.
Copies of Drawings (Mylar)	\$ [1.00]/sq. ft.
Mileage (auto)	\$ [0.575]/mile
Air Transportation	at cost
CAD Charge	-\$ []/hour
Laboratory Testing	at cost
Health and Safety Level D	\$ []/day
Health and Safety Level C	\$ []/day
Meals and Lodging	at cost

[Note to User: Customize this Schedule to reflect anticipated reimbursable expenses on this specific Project.]

- The above hourly rates will be adjusted on an annual basis, effective January 1 of each year.
- Mile will be billed at the current rate approved by the IRS, currently 57.5 cents per mile.
- All sub-consultant fees will be billed at cost to project plus ten (10%) percent.
- Sub-consultant fees, laboratory costs and application fees can be billed directly to or handled by the Client where appropriate.

Crestline Engineers, Inc
 Water System Facility Plan Update and Environmental Impact Document
 City of New Meadows, Idaho
 Budget Estimate - 9/2/2015 (Revised 9/5/2015 - GTT)

Crestline Tasks	Supervising Engineer/Senior Project Manager S. Hurley	Project Manager J. Herndon	Principal Engineer/Project Manager G. Tankersley	Project Engineer G. Tankersley	Engineer in Training 1 MWW T. Stevenson	Engineer in Training 1 S. Larrondo/B. Jones	Environmental Scientist K. Hill	Admin L. Tankersley	QA/QC T. Farrell	Comments
Task 1 - Management										
Project Corrs./Coord., Setup, and Planning	8		24							
Project Management	4	12	24							
Prepare Project Base Drawings				8						
Site Visits/Meetings	4	4		8						
Coordinate Sub-Consultants			8							
Task 2 - Facility Plan										
Existing Conditions Evaluation, Planning and Field Work	4	12		12	24	8			8	
Facility Plan Report/Text		8		8	136	40			8	
Drawings/Figures		4		16	12	40			2	
Task 3 - EID/Environmental Report										
EID Report/Text		4	16		4	76	40			
EID Drawings/Figures			8			24	8			
Total Hours	20	44	80	52	176	188	48	0	18	
Hourly Rate	\$140.00	\$125.00	\$110.00	\$105.00	\$80.00	\$75.00	\$75.00	\$45.00	\$150.00	
Estimated Budget	\$2,800.00	\$5,500.00	\$8,800.00	\$5,460.00	\$14,080.00	\$14,100.00	\$3,600.00	\$0.00	\$2,700.00	
Total Crestline/MW Budget	\$7,040.00									0

										Task Totals
Task 1	\$2,240.00	\$2,000.00	\$6,160.00	\$1,680.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,080.00
Task 2	\$560.00	\$3,000.00	\$0.00	\$3,780.00	\$13,760.00	\$6,600.00	\$0.00	\$0.00	\$2,700.00	\$30,400.00
Task 3	\$0.00	\$500.00	\$2,640.00	\$0.00	\$320.00	\$7,500.00	\$3,600.00	\$0.00	\$0.00	\$14,560.00
	\$2,800.00	\$5,500.00	\$8,800.00	\$5,460.00	\$14,080.00	\$14,100.00	\$3,600.00	\$0.00	\$2,700.00	\$57,040.00

Sub-consultants

Archaeological Survey	\$0.00	TBD, Mark Plew - BSU Department of Anthropology
Surveying	\$2,960.00	

Project Total \$60,000.00

Crestline Engineers, Inc.	\$28,360.00
Mountain Waterworks, Inc.	\$28,680.00
Sub-consultants	\$2,960.00
	\$60,000.00



CERTIFICATE OF LIABILITY INSURANCE

CREST-3

OP ID: JY

DATE (MM/DD/YYYY)
09/03/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER The Hartwell Corporation - Cal PO Box 400 Caldwell, ID 83606 Jeremy Kroll	CONTACT NAME: Jeremy Kroll PHONE (A/C, No, Ext): 208-459-1678 E-MAIL ADDRESS:	FAX (A/C, No): 208-454-1114
	INSURER(S) AFFORDING COVERAGE	
INSURED Crestline Engineers, Inc. P O Box 2330 McCall, ID 83638	INSURER A: Travelers Indemnity Co of Am.	NAIC # 25658
	INSURER B: Travelers Casualty Ins Co	19046
	INSURER C: XL Specialty Insurance Co.	37885
	INSURER D:	
	INSURER E:	
INSURER F:		

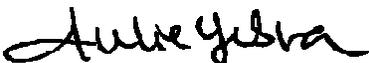
COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CGD381 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			680-2A714097 680-2A714097	06/10/2015 06/10/2014	06/10/2016 06/10/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			BA-7A285816	06/10/2015	06/10/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	UB-3762T873 UB-3762T873	06/10/2015 06/10/2014	06/10/2016 06/10/2015	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
C	<input checked="" type="checkbox"/> Profes Liability \$5,000 deductible			DPS9713985	05/23/2015	05/23/2016	Ea Claim 1,000,000 Annl Aggr 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

NEWME04 City of New Meadows 401 Virginia St P O Box 324 New Meadows, ID 83654	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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**Idaho Department of Environmental Quality
Drinking Water Planning Grant
Letter of Interest**

Fiscal Year 2016

Section I. Project Information

Please provide complete and accurate answers to receive the highest possible rating for your project. DEQ recommends that you work closely with your engineering consultant to complete this form.

A. System Identification

Public Water System No.

System DUNS No. (required prior to grant signing)

System Name

System Address City State Zip

System Phone System E-mail

Population Served System Ownership: For Profit Not For Profit

Owner's Name Owner's Phone

Name/Title of System Contact (if different from owner)

Contact's Address City State Zip

Contact's Phone Contact's E-mail

B. Project Readiness

Decide if your community is interested in pursuing a DEQ Drinking Water planning grant by answering the following questions. **At a minimum, the planning effort must address problems experienced by your drinking water system. For each YES, provide documentation on a separate sheet of paper.**

1. Do you need to make improvements or upgrade your public drinking water system? Y N

If you answered YES, your drinking water system is eligible to be rated and placed on the FY 2015 planning grant priority list. Complete section II. As an attachment, include a description of the proposed planning project and any known problems that need to be addressed. Label the description as section I.B.1.

If you answered NO, you will not be placed on the new fiscal year's priority list. DEQ will notify you next year when the grant and loan process begins again. **If you answered NO, do not complete or submit this form to DEQ.**

2. If you have already contacted an engineer about your planning effort, indicate your status and provide contact information for the engineer (or firm):

- Discussed with engineer Obtained quote from engineer Signed contract with engineer

Engineer

Address City State Zip

Phone Fax

E-mail

3. What is the estimated total cost (DEQ + your match) to prepare your planning document (including an environmental document if one will be prepared as part of this grant)? \$

An Environmental Information Document (EID) is required under the DEQ planning grant process if you plan to design or construct a project with *any* federal funds. If your system plans to avoid the use of federal design/construction funds, including the DEQ State Revolving Fund (SRF) loan program or USDA Rural Development funding, you may choose to opt out of the EID. Contact the DEQ grant and loan program office for details. Preparation of an EID is considered grant eligible if you wish to prepare it as part of this planning process.

4. If this planning document will include an EID, how much of the total planning budget provided above is the estimated cost (DEQ + your match) of preparing an EID? \$
5. If interested in receiving a planning grant, will you have the 50% required match funds available? Y N

If you answered NO, do not complete or submit this form to DEQ.

Section II. Integrated Priority Rating System

IDAPA 58.01.22.020 Projects are identified for placement on priority lists by surveying eligible entities directly on an annual basis. Information is also received from the Department and consulting engineers. Grant funds are awarded to projects based on priority ratings. Projects are rated by the Department on a standard priority rating form using public health, sustainability, and water quality criteria, and condition of the existing system.

Answer the questions below and provide the requested documentation. Applicants or their consultants are encouraged to contact DEQ regional engineering or state office grant and loan program staff prior to the submittal deadline for assistance in answering the questions. **Rating will be done on the basis of the answers and documentation provided.**

A. Public Health Hazard

IDAPA 58.01.22.020.02.a. Public Health Hazard. Any condition which creates, or may create, a danger to the consumer's health, which may include one or more of the following: i. Documented unresolved violations of the primary drinking water standards including maximum contaminant levels, action levels, and treatment techniques (to include maximum contaminant levels for acute and chronic contaminants); ii. Documented unresolved violations of pressure requirements; iii. Documented reduction in source capacity that impacts the system's ability to reliably serve water; or iv. Documented significant deficiencies (e.g., documented in a sanitary survey) in the physical system that is causing the system to not be able to reliably serve safe drinking water—up to 100 points.

On a separate sheet, describe each item marked YES and attach documentation. Label each description/documentation as section II.A, part number(s).

1. In the last 12 months, has your system documented unresolved violations of the primary drinking water standards, including maximum contaminant levels (MCLs) (for acute and chronic contaminants), action levels, or treatment techniques? Identify constituents in violation. Y N
2. In the last 12 months, has your system documented frequent unresolved incidents of pressure below 20 psi? Provide copies of public notices that are required by the “Idaho Rules for Public Drinking Water Systems” and any related documentation. Y N
3. Does your system currently have a documented reduction in *source* capacity (well or surface water intake) that impacts the system's ability to reliably serve water? Provide documentation. Y N
4. Does your system currently have other significant problems in the physical system (not otherwise listed in questions 1–3) that have been identified as a public health hazard? Provide documentation. Y N

B. General Conditions of Existing Facilities

IDAPA 58.01.22.020.02.b. General Conditions of Existing Facilities. Points shall be given based on deficiencies (which would not constitute a public health hazard) for pumping, treating, storing, and delivering drinking water—up to 60 points.

Select all that are true but do not rise to the level of a public health hazard as in section II.A and will be addressed by the proposed study. If available, provide documentation other than a sanitary survey (e.g., engineer’s evaluation). On a separate sheet, describe each item marked YES and attach documentation. Label each description/documentation as section II.B., part number(s).

Systems will be considered inadequate to meet current hydraulic demand if pressures are consistently between 20 and 40 psi (this section does not include occasional depressurization events below 20 psi that have been resolved).

Check all that will be addressed by the planning effort:

1. Treatment deficiencies:
 - a. Water treatment facilities do not meet the requirements of the “Idaho Rules for Public Drinking Water Systems” (other than MCLs). Y N
 - b. Treatment facilities have inadequate capacity and cannot reliably meet *current* demand without extraordinary operational procedures. Y N
 - c. Inadequate or lack of treatment results in exceedance of secondary MCLs. Y N
2. Source deficiencies (do not include Distribution System items such as leaks and inadequate pipe size):
 - a. Sources are vulnerable to contamination (e.g., damaged casing, inadequate setbacks, proximity to contamination) and the vulnerabilities will be corrected as part of this project. Y N

- b. Source's or combined sources' capacity is inadequate to meet *current* demand, even if they are or could be equipped with adequately sized pumps. Provide a description and documentation, such as pressure readings or complaints received by operator. Y N
- c. Sources have adequate water, but well pumps or intake pumps are inadequate to meet *current* hydraulic demand. Provide a description and documentation, such as pressure readings or complaints received by operator. Y N
- 3. Distribution system deficiencies (do not include well pumps):
 - a. Storage, pumping, or distribution facilities have inadequate capacity and cannot reliably meet *current* demand. Y N
 - b. Existing storage tanks, pumping, or distribution facilities are leaking excessively or are structurally flawed or deteriorated. Provide documentation, such as maintenance logs. Y N
- 4. Will the proposed study address redundancy and standby power? Y N

C. Sustainability (Green) Infrastructure Efforts

IDAPA 58.01.22.020.02.c Sustainability Efforts (e.g., prospective efforts at energy conservation, water conservation, extending the life of capital assets, green building practices, and other environmentally innovative approaches to infrastructure repair, replacement and improvement)—up to 50 points.

Answers to the following questions can improve your overall rating and your access to funds that are specifically designated for sustainability efforts. If you earn Priority List points for your responses in this section, your project engineer will need to help DEQ (several hours) develop the needed information to report to the United States Environmental Protection Agency (EPA).

Although only 50 points can be awarded under section II.C, DEQ will incorporate all sustainability items checked below into the scope of the grant agreement for inclusion in the planning document.

For reference, some sustainability-related websites are provided under the relevant checklist items.

1. As part of your planning study, will you include sustainability efforts? Y N

2. How much of your planning budget is being allocated to green infrastructure/sustainability? \$

Check all that apply under #3-#5—10 points each, up to a maximum of 50 points.

3. Management-based efforts—Explain the management-based sustainability initiative efforts your system will engage in as part of the project and the cost of the effort. Include documentation supporting the management-based efforts. Label the documentation as section II.C.3.

Management-based efforts could include, but would not be limited to the following:

- a. System has established a drinking water system capital replacement fund and contributed to it at least once in the past 3 years (submit a copy of your capital improvement plan and a financial statement for this fund) **OR** will develop a capital budget and capital improvement plan as part of the proposed planning effort. The budget/CIP must provide for replacement of short-term and intermediate-term capital items.

- b. System has already implemented a consumption-based full-cost pricing for drinking water supported by a capital budget (submit documentation) **OR** will develop a consumption-based full-cost pricing rate schedule as part of the proposed planning effort. This means that (a) utility rates must be based on the metered flow, and (b) utility rates must generate revenue sufficient to cover both operating and capital costs.
- c. System has already implemented a formal asset management system (using a tool such as EPA's Check Up Program for Small Systems [CUPSS] www.epa.gov/cupss) **OR** will develop a formal asset management system as part of the proposed planning effort.

Indicate which asset management system you will use:

- d. System has implemented or will implement as part of the proposed project a formal environmental management system (shown by International Organization for Standardization [ISO] 14001 certification) (submit documentation) **OR** will develop a formal asset management system as part of the proposed planning effort.
en.wikipedia.org/wiki/ISO_14000#ISO_14001_standard
www.iso14000-iso14001-environmental-management.com
www.iso.org/iso/iso_14000_essentials
- e. System has implemented or will implement as part of the proposed project a sustainable infrastructure (SI) benchmarking program (submit documentation) **OR** will develop an SI benchmarking program as part of the proposed planning effort.
www.energystar.gov/buildings/about-us/how-can-we-help-you/benchmark-energy-use
www.waterrf.org/publicreportlibrary/91201.pdf
www.epa.gov/region09/waterinfrastructure/benchmark.html
- f. System is currently an EPA Green Power partner (submit documentation) **OR** will evaluate becoming one as part of the proposed planning effort (www.epa.gov/greenpower).
- g. System will evaluate *green* building management (based on Leadership in Energy and Environmental Design [LEED] operation and maintenance [O&M] criteria) as part of the proposed project.
www.usgbc.org/LEED/#rating
en.wikipedia.org/wiki/Leadership_in_Energy_and_Environmental_Design

Identify your LEED-certified professional:

- h. System will evaluate funding the voluntary provision of water-efficient fixtures for the community as part of the proposed project (provide details).
- i. System will evaluate consolidation with another water system. The system must be reasonably nearby (normally within 5 miles), and analysis should consider the demand of each system, the cost of merging, and any administrative or operational changes that would result. At least one enquiry must be made to the other system.

Identify which system(s) will be evaluated:

- j. System will conduct a professional energy audit and intend to implement its findings.

Identify the auditor:

- k. Other (contact grant and loan program)

4. Technology-based efforts—Explain the technology-based sustainability initiative efforts your system will evaluate as part of the planning effort and the cost of the effort. The items below are grouped according to the documentation required, including data and calculations. Label the documentation as section II.C.4. Technology-based efforts could include, but would not be limited to the following:

Analysis showing that improvements would provide a savings in water or energy of 20% or more in a unit operation:

- a. Fund the voluntary installation of water-efficient fixtures for the community (e.g., WaterSense)
- b. Install water meters in unmetered areas, if rates will be based on metered use
- c. Replace existing broken water meters, upgrade to smart meters, or install leak detection equipment, if rates will be based on metered use
- d. Advanced fluorescent lighting
- e. High-efficiency discharge lighting
- f. Lighting controls
- g. Green roofs
- h. On-site energy generation, such as fuel cells, solar, or wind
- i. Class A reclaimed water distribution system (“purple pipe”)
<https://pncwa.memberclicks.net/assets/2010ConfTechPresentations/Session09/2010%20pncwa-%20session%209-1%20-%20reuse%20-%20clint%20dolsby.pdf>
- j. Construct or renovate buildings to meet LEED design and construction criteria.
www.usgbc.org/LEED/#rating
en.wikipedia.org/wiki/Leadership_in_Energy_and_Environmental_Design

Identify your LEED-certified professional:

Business case required, showing energy savings and payback on capital and O&M costs that do not exceed the useful life of the asset. Examples of business cases that have been accepted for Idaho projects can be found at www.deq.idaho.gov/green-project-reserve.

- k. Variable frequency drive (VFD) pumps
- l. Energy-efficient motors that meet National Electrical Manufacturers Association (NEMA) Premium specification (www.nema.org/Policy/Energy/Efficiency/Pages/NEMA-Premium-Motors.aspx)
- m. Supervisory control and data acquisition (SCADA) system installation
- n. Energy recovery using microturbines on hydrogenerators placed in pipelines
- o. Capital improvements that provide significant source water protection benefits, such as fences around well lots (contact grant and loan program)

Provision of environmentally innovative drinking water systems such as the following (contact grant and loan program for requirements):

- p. Significantly reduce or eliminate the use of chemicals in treatment
- q. Significantly reduce or minimize the volume or toxicity of residuals

r. Other (contact grant and loan program)

5. Construction practices—Evaluate green construction practices as part of the planning effort.

a. Use of recycled materials for facility construction (not including standard construction practices, such as reusing fill from excavations)

b. Trenchless or low-impact construction technology

c. Other (contact grant and loan program)

D. Consent Order, Compliance Agreement Schedule, or Court Order

IDAPA 58.01.22.020.02.d. Consent Order, Compliance Agreement Schedule, or Court Order. Points shall be given if the system is operating under and in compliance with a Consent Order, Compliance Agreement Schedule, or Court Order and the proposed construction project will address the Consent Order, Compliance Agreement Schedule, or Court Order—up to 30 points.

1. Is your planning effort directly related to the technical/managerial issues of the order or agreement? Y N

2. If YES, on a separate sheet describe the issues and provide supporting documentation that will assist in understanding the problem(s). Discuss whether you are seeking funding for a phased approach to your system's needs, and if the phasing strategy has been discussed with the DEQ regional engineer. Label the description as section II.D.

E. Bonus Points/Incentives

IDAPA 58.01.22.020.02.e. Incentives. Bonus points shall be awarded to systems that promote source water protection, conservation, economy, proper operation maintenance, and monitoring—up to 10 points.

Check all that apply:

1. Do you have a current Drinking Water Protection Plan (less than 5 years old)? Y N

2. Cross-connection:

Community Water System—Do you have an active Cross-Connection Control Plan (provide a copy or link to this plan), **OR**

Noncommunity Water System—Were potential backflow protection or cross-connection issues identified in the managerial module of your latest sanitary survey (provide date)?

Date

3. Was the water system free of significant deficiencies on its last sanitary survey? Y N

4. Do you have a predesignated, licensed, "Substitute Responsible Charge Operator" for your system as described in IDAPA 58.01.08.554? Y N

5. Has your system received 1 or fewer Failure to Monitor (FTM) violations for all analyses in the last 5 years? Y N

F. Affordability

IDAPA 58.01.22.020.02.f. Affordability. Points shall be given when current system user charges exceed state affordability guidelines—up to 10 points.

1. How many equivalent dwelling unit (EDU) connections does your system serve?

2. What is the current average residential user rate? \$ /month/household

3. Is the system located wholly within incorporated city limits? Which city?

If not, within which county is the system located ?

G. Authorized Signature

Are you willing to allow us to share your LOI with other federal funding agencies? Y N

I understand that if awarded funding, costs incurred prior to the award are not eligible for reimbursement, unless written acceptance of the costs are received from DEQ.

Initials APK

I certify that, to the best of my knowledge, all information provided here is valid and correct:

Authorized Signature: Anthony J. Koberstein Title: Mayor

Print Name: Anthony J. Koberstein Date: 01/15/2015

Return completed form by January 2, 2015, to:
Idaho Department of Environmental Quality
Attn: Charlie Parkins
1410 North Hilton
Boise, ID 83706
charlie.parkins@deq.idaho.gov
Phone (208) 373-0577 Fax (208) 373-0576

January 15, 2015

Idaho Department of Environmental Quality
Attn: Charlie Parkins
1410 North Hilton
Boise, ID 83706

Subject: Drinking Water Planning Grant Letter of Interest on behalf of the City of New Meadows

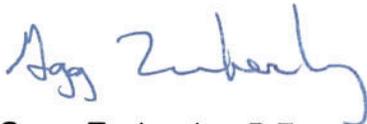
Dear Charlie,

Of behalf of the City of New Meadows and their engineering team of Crestline Engineers, Inc. and Mountain Waterworks, Inc. (Crestline Team), we would like to thank you for your consideration of this project. Attached, you will find the IDEQ Letter of Interest (LOI), followed by the properly labeled requested descriptions, and other supporting documents. The LOI has been prepared by our colleagues at Mountain Waterworks in conjunction with the City of New Meadows.

The Crestline Team has been highly encouraged by the willingness of IDEQ to work with the City of New Meadows and anticipates a great project. Please feel free to contact our office or Tim Farrell with Mountain Waterworks, Inc. at (208) 780-3990 should you have any questions and/or if you would like to further discuss the project.

Respectfully submitted by,

Crestline Engineers, Inc.



Gregg Tankersley, P.E.
New Meadows City Engineer

Enclosures:

1. IDEQ Clean Water Loan, Letter of Interest
2. LOI Requested Descriptions/Supporting Documentation (3 pages)
3. City of New Meadows, Water System Rate Information

Section II.A

Part 2: In 2013, old and aging hydrants failed causing total system depressurization. Insufficient isolation valves in the distribution system prevented the system operators from isolating the failure, impacting the entire system. New hydrants and additional isolation valves are required to remedy the situation.

Part 3: Well No. 4, drilled in the 90's, will pump air and cavitate during extended pumping periods greater than 48 hours. Although sufficient in capacity as a backup source, the long-term pumping sustainability of this well is significantly less than its original 400gpm.

Part 4: The water system facilities, including booster station, storage, system valves, hydrants, service lines, and ground water sources are all insufficient to meet IDAPA 58.01.08 regulations.

The major issues are:

- Insufficient water storage to meet fire code standards.
- Booster station pumping capacity is less than the required 2,000gpm of capacity during max day demands.
- Insufficient isolation valves in the system.
- Hydrants and Service lines have severe corrosion and are failing.

In addition, the distribution system is undersized. Nearly 80% of the distribution system is 6 inch or smaller, which is insufficient to meet max day demand and fire flow of 2,000gpm.

Section II.B

Part 1: The City of New Meadows does not treat their drinking water prior to distribution.

Part 2.a: Well No. 3, drilled in the 1960s, is vulnerable to contamination as it does not meet the current setback requirements of 50ft to non-potable water can be met. The well is 5ft from a property line and within 10ft of an active sewer line. In addition, no surface water seal was installed, making it a potential contaminant source from surface water runoff.

Part 2.b: Although both wells have an approximate capacity of 400gpm and appear to meet redundancy requirements, Well No. 4 will pump air and cavitate in the event of long-term pumping of over 48 hours. The long-term sustainability of this well is unknown and pumping capacity is assumed to be less than 200gpm.

Part 2.c: As noted in 2.b, the well pump is over sized and cavitation is occurring with long-term pumping.

Part 3.a: Distribution deficiencies include:

- Fire flow capacity is insufficient to meet current fire code standards with less than 600gpm available.
- Booster station is insufficient to meet current max day demand and fire flow
- Current storage capacity is less than required by IDAPA 58.01.08.
- Distribution system sizing is insufficient to supply current fire flow and max day demand.

Part 3.b: As discussed in previous sections, the storage, booster, and distribution facilities are all insufficient for the system demands.

Part 4: The planning study will evaluate the need for standby power.

Section II.C.3

Part 3.b: The City of New Meadows' water rate sheet is attached.

Part 3.e: The City of New Meadows will develop an infrastructure benchmarking program as part of the planning effort.

Part 3.f: The City of New Meadows will evaluate becoming an EPA Green Power Partner as part of the planning effort.

Part 3.h: System will evaluate funding the voluntary provision of water-efficient fixtures for the community as part of the proposed project (provide details).

Part 3.j: The City of New Meadows will use DC Engineering to evaluate an energy audit.

Section II.C.4

Part 4.a: The planning study will evaluate water conservation measures, including water-efficient fixtures, to reduce pumping and consumption.

Part 4.b: The City of New Meadows currently uses water meters. Any unmetered area will be evaluated for water meters.

Part 4.c: Water meter condition will be evaluated as a part of this planning study and a maintenance and replacement plan will be implemented for the City.

CITY OF NEW MEADOWS
RESOLUTION # 198

Pursuant to the provisions of City of New Meadows Ordinances #309-07; and #310-07, it is hereby resolved that the fees, charges and rates pertaining to the City of New Meadows Water & Sewer Systems are affirmed to be the following:

WATER:

A. Connection & Capitalization Fees

The base connection & capitalization fees for all classes of water users, not expressly provided for otherwise, shall be \$2,900.00 plus materials and labor per equivalent residential unit (ERU). A reduction of \$1,900.00 can be applied if a residential connection is connected to an occupied building within one year of applying for a building permit. Business and Commercial connections will be reduced on a case by case basis. Financing options for connection fees may be allowed with City Council approval on a case by case basis.

B. Monthly Rates

1. Residential Rates & Commercial Rates

Base Rate: First 3,000 gallons - \$34.00 (Water - \$27.00 / Bond - \$7.00). Each additional 1,000 gallons - \$2.25 per 1,000 gallons or portion thereof. Senior Citizens 65 years of age or older, occupying their primary residence, shall receive a \$2.00 discount per month per household.

C. **Service Call Fees:** \$ 15.00 during working hours/days.
 \$ 40.00 during off-duty hours, week-ends, holidays.

D. **Connection fees** for subdivisions, PUDs, etc. will be assessed on a case by case basis for hooking into the City's water system.

E. **Bulk water rates** for construction or commercial water trucks shall be \$20.00 per load, up to 2500 gallons and \$50.00 per load above 2500 gallons. Trucks shall be filled at a City approved filling site with a City employee present.

F. **Vacant, stand-a-lone structures** with an occupancy permit shall be charged the monthly base rate.

SEWER:

A. Connection Fees:

The base connection & capitalization fees for all classes of sewer users, not expressly provided for otherwise, shall be \$5,670.00 plus materials and labor per equivalent residential unit (ERU). A reduction of \$4670.00 can be applied if a residential connection is connected to an occupied building within one year of applying for a building permit. Business and Commercial connections will be reduced on a case by case basis. Financing options for connection fees may be allowed with City Council approval on a case by case basis.

B. Monthly Sewer User Rates

1. Residential Rates & Commercial Rates

Base Rate: First 3,000 gallons - \$36.00 (Sewer - \$28.00 / Bond - \$8.00). Each additional 1,000 gallons shall be charged at \$ 2.35 / per 1,000 gallon or portion thereof. Residential customers will have their sewer usage charges capped at 7,000 gallons usage during the irrigation season with no additional sewer charge for usage over 7,000 gallons as shown on the water meter. Senior Citizens 65 years of age or older, occupying their primary residence, shall receive a \$2.00 discount per month per household.

C. Vacant, stand-a-lone structures with an occupancy permit shall be charged the monthly base rate.

WATER & SEWER BONDS: The monthly charge for vacant lots with water and sewer services shall be charged the water and sewer bond costs each month.

LATE FEES: All charges and service fees for water and sewer are due by the 10th of the month and delinquent by the end of the day on the 26th of the month. Late fees of \$7.00 per account will be assessed on all accounts with a balance on the 26th day of the month or the following business day if the 26th falls on a weekend or holiday.

Late fees collected over the year will be placed in an emergency fund for the following year. The emergency fund is to be used for city infrastructure emergencies.

EQUIVALENT RESIDENTIAL UNIT (ERU): An equivalent residential unit is defined as an individual residential unit hooked to water and sewer services that may use up to 7,000 gallons of water. An individual commercial unit using up to 7,000 gallons of water / sewer service is considered an ERU.

MULTI-UNIT DEVELOPMENTS served by one meter shall be charged the Base Rate per unit plus the usage charges.

PRORATION OF PARTIAL MONTH USAGE BILLS will be as follows:

1-7 days = 1 week; 8-14 days = 2 weeks; 15-21 days = 3 weeks; over 21 days = 1 month.

IRRIGATION SEASON is defined as the days between June 1st and October 31st of each year.

UTILITY DEPOSITS of \$150.00 are required on all non-owner occupied living units. If the service to the unit is turned off due to a delinquent utility bill, the deposit will be used to pay the delinquent bill and a new deposit will be required before the service is reconnected. The deposits will be held at -0- interest and will be refunded within 10 days of final reading and payment.

A CHARGE OF \$25.00 shall be assessed on any check returned for reasons of insufficient funds.

RESOLUTION NO. DRAFT, SETTING WATER / SEWER RATES and FEE ADJUSTMENTS, PASSED AND APPROVED this 11th day of June, 2012, shall be EFFECTIVE and reflected in the billing received on or after July 1st, 2012.

City of New Meadows

/s/ Julie Spelman

Julie Spelman, Mayor

ATTEST: /s/ Jacob Qualls

Jacob Mac Qualls, City Clerk

Status: ALL

User Types: RAPT R-APARTMENT RDUP R-DUPLEX RESI RESIDENTIAL RMOB R-MOBIL HOME RSFA R-SINGLE FAMILY RSHP R-SHOP
 RTRA R-TRAILER PARK RTRI R-TRIPLEX RVLT R-VACANT LOT RVST R-VACANT STRUCTURE

Fund - Service	Average Charge	Amount
65 - SEWER PENALTY	3.50	0
	Average Total Charge:	3.50
	Average Usage:	0
60 - WATER PENALTY	3.50	0
	Average Total Charge:	3.50
	Average Usage:	0
60 - WATER	33.44	4927
65 - SEWER	32.38	4713
60 - WATER BOND	7.36	3883
65 - SEWER BOND	8.42	3835
	Average Total Charge:	81.60
	Average Usage:	17358

City of New Meadows
 PO Box 324
 New Meadows, ID 83654

Water 33.44
 Water Bond 7.36

 \$40.80